

**Annuaire UGGI
2014**

**Published by Secretary General
Alik Ismail-Zadeh**

**IUGG Yearbook
2014**

**Union Géodésique et Géophysique Internationale
International Union of Geodesy and Geophysics**

No ISSN: 1038-3846

IUGG Yearbook 2014

Annuaire UGGI 2014

TABLE OF CONTENTS

TABLE DES MATIÈRES

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS	
UNION GÉODÉSIQUE ET GÉOPHYSIQUE INTERNATIONALE.....	3
Background / Historique.....	3
Objectives and Activities of IUGG / Objectifs et Activités de l'UGGI.....	4
Structure.....	5
Finances.....	8
Member Adhering Bodies of IUGG.....	9
Regional Distribution of Members.....	11
IUGG General Assemblies.....	11
Current Officers of IUGG.....	11
Secretariat of IUGG.....	12
IUGG Liaison Officers and Representatives.....	12
Accredited Delegates to the Council of the IUGG.....	13
Past Officers of IUGG Bureau.....	14
Past Officers of IUGG Finance Committee.....	15
Union Commissions.....	16
IUGG Working Group on History.....	18
Inter-Unions Commission.....	18
IUGG Committees.....	19
INTERNATIONAL ASSOCIATIONS.....	21
Scientific Assemblies of the International Associations.....	21
International Association of Cryospheric Sciences (IACS)	
Association Internationale des Sciences Cryosphériques (AISC).....	23
International Association of Geodesy (IAG)	
Association Internationale de Géodésie (AIG).....	24
International Association of Geomagnetism and Aeronomy (IAGA)	
Association Internationale de Géomagnétisme et d'Aéronomie (AIGA).....	27
International Association of Hydrological Sciences (IAHS)	
Association Internationale des Sciences Hydrologiques (AISH).....	30
International Association of Meteorology and Atmospheric Sciences (IAMAS)	
Association Internationale de Météorologie et des Sciences de l'Atmosphère (AIMSA).....	33
International Association for the Physical Sciences of the Oceans (IAPSO)	
Association Internationale pour les Sciences Physiques des Océans (AISPO).....	35
International Association of Seismology and Physics of the Earth's Interior (IASPEI)	
Association Internationale de Séismologie et de Physique de l'Intérieur de la Terre (AISPIT).....	37
International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)	
Association Internationale de Volcanologie et de Chimie de l'Intérieur de la Terre (AIVCIT).....	41
NATIONAL COMMITTEES.....	44
ADDRESSES.....	68
LIST OF ACRONYMS.....	157

INTERNATIONAL UNION OF GEODESY AND GEOPHYSICS UNION GÉODÉSIQUE ET GÉOPHYSIQUE INTERNATIONALE

HISTORIQUE

L'Union Géodésique et Géophysique Internationale (UGGI) est un organisme international non gouvernemental à but non lucratif fondé à Bruxelles le 28 juillet 1919. L'UGGI se consacre à l'étude scientifique de la Terre et à l'utilisation au profit de la société des connaissances acquises grâce à cette étude. L'UGGI est l'une des trois Unions scientifiques ayant participé en 1931 à l'Assemblée constitutive du Conseil International des Recherches, connu aujourd'hui sous le nom de Conseil international pour la science (CIUS). Le CIUS est un forum planétaire des scientifiques. Il leur permet d'échanger des idées et des informations, et de définir des méthodes et procédures normalisées dans tous les domaines de recherche. L'UGGI, l'une des 31 Unions scientifiques actuellement réunies dans le CIUS, fournit son savoir-faire concernant les études terrestres effectuées par les chercheurs dans ses Associations internationales et Commissions inter-associations.

Les neuf premiers pays membres de l'UGGI étaient l'Australie, la Belgique, le Canada, la France, l'Italie, le Japon, le Portugal, le Royaume-Uni et les États-Unis. En 1925, l'UGGI comptait 31 pays membres. En 2013, elle compte 70 entités adhérentes.

Au début, l'Union chapeautait six sections : Géodésie, Séismologie, Météorologie, Magnétisme et électricité terrestre, Océanographie physique et Volcanologie. Une septième section, « Hydrologie Scientifique », fut créée en 1922. Le terme « Section » fut remplacé par celui d'« Association » lors de la cinquième Assemblée générale tenue à Lisbonne, en 1933. Une huitième Association sur les Sciences Cryosphériques fut créée lors de l'Assemblée Générale de 2007 à Pérougia, Italie.

Les langues officielles de l'UGGI sont l'anglais et le français.

BACKGROUND

The International Union of Geodesy and Geophysics (IUGG) is an international, non-governmental, non-profit organization established in Brussels on 28 July 1919. IUGG is dedicated to the scientific study of the Earth and the application of knowledge gained by such studies to benefit society. IUGG was one of the first three Scientific Unions established during the Constitutive Assembly of the International Research Council, the predecessor of the International Council of Scientific Unions (ICSU) created in 1931. ICSU provides a global forum for scientists to exchange ideas and information and to develop standard methods and procedures for all fields of research. IUGG, one of the 31 scientific Unions presently grouped within ICSU, brings expertise on Earth studies from researchers in its International Associations and Inter-Association Commissions.

The first nine member countries of IUGG were Australia, Belgium, Canada, France, Italy, Japan, Portugal, the United Kingdom, and the United States. By 1925, there were 31 Member Countries, and in 2013, IUGG had 70 Adhering Bodies.

The original Union encompassed six Sections: Geodesy, Seismology, Meteorology, Magnetism and Terrestrial Electricity, Physical Oceanography, and Volcanology. A seventh section "Scientific Hydrology" was created in 1922. The term "Section" was replaced by "Association" at the 5th General Assembly held in Lisbon in 1933. The eighth Association of Cryospheric Sciences was added at the 2007 General Assembly held in Perugia, Italy.

The official languages of IUGG are English and French.

OBJECTIFS ET ACTIVITÉS DE L'UGGI

L'UGGI est une organisation purement scientifique, qui a été fondée afin de promouvoir et de coordonner les études sur les propriétés physiques, chimiques et mathématiques de la Terre et sur son environnement spatial. Ces études concernent la forme de la Terre; la nature de ses champs gravitationnel et magnétique; la dynamique de la Terre en tant qu'entité et de celle de ses composants; la structure interne, la composition et la tectonique de la Terre; la formation des magmas; la volcanologie et la genèse des roches; le cycle hydrologique, dont la neige et la glace; la physique et la chimie des océans; l'atmosphère, l'ionosphère, la magnétosphère et les relations Soleil-Terre; ainsi que les problèmes analogues propres à la Lune et aux autres planètes. Les activités de l'UGGI comprennent l'observation de la Terre par satellite et par d'autres techniques de mise en place d'instruments à haute altitude.

Programmes de recherche interdisciplinaire

L'UGGI a inauguré et activement soutenu les efforts de collaboration qui ont permis de mettre en œuvre des programmes de recherche interdisciplinaire internationaux de grande valeur, dont l'Année Géophysique Internationale (1957-1958), le Projet du Manteau Supérieur de la Terre (1964-1970), la Décennie Hydrologique Internationale (1965-1974), le Projet Géodynamique (1972-1979), le Programme Global de Recherche sur l'Atmosphère (1967-1980), le Programme Mondial de Recherche sur le Climat (1980-présent), le Programme International de la Lithosphère (1981-présent) et le Système Global d'Observation Géodésique (2003-présent). Ces programmes ont servi de modèle de coopération internationale et interdisciplinaire. L'UGGI a inauguré et soutenu des initiatives du CIUS, surtout ceux qui concernent les sciences de la Terre. L'une des contributions majeures de l'UGGI a été la création, il y a environ 50 ans, par l'intermédiaire du CIUS, du système de la Banque de Données Mondiale et de la Fédération des Services d'Analyse des Données Astronomiques et Géophysiques. Ceux-ci ont été transformés en Système de Données Mondial du CIUS qui mettra les données recueillies dans le cadre de ces grands programmes à la disposition des chercheurs du monde entier. L'UGGI a soutenu l'Année Internationale de la Terre (2007-2009) et l'Année Polaire Internationale (2007-2008) et a aussi initié et soutenu l'Année Géophysique Électronique (2007-2008) et l'Année Héliophysique Internationale (2007-2008).

Recherche internationale en coopération

L'UGGI collabore avec l'UNESCO à l'étude des catastrophes naturelles, des océans, et de l'hydrologie. Elle attache aussi une grande importance aux problèmes scientifiques des pays en voie de développement, en parrainant des activités liées aux besoins scientifiques du tiers monde. L'UGGI est un partenaire d'autres Unions Scientifiques du CIUS, par le biais des Commissions inter-unions, et ses activités correspondent avec celles de sept autres Unions du CIUS (GéoUnions): l'Union Astronomique Internationale (UAI), l'Union Géographique Internationale (UGI), la Société Internationale de Photogrammétrie et de Télédétection (SIPT), l'Union Internationale des Sciences Géologiques (UISG), l'Union Internationale pour l'Étude du Quaternaire (INQUA), l'Union Radio-Scientific Internationale (URSI) et l'Union Internationale de la Science du Sol (UISS).

OBJECTIVES AND ACTIVITIES OF IUGG

IUGG is a purely scientific organisation established to promote and co-ordinate studies of physical, chemical, and mathematical properties of the Earth and its environment in space. These studies include the shape of the Earth; the nature of its gravitational and magnetic fields; the dynamics of the Earth as a whole and of its component parts; the Earth's internal structure, composition, and tectonics; the generation of magmas; volcanism and rock formation; the hydrological cycle including snow and ice; the physics and chemistry of the oceans; the atmosphere, ionosphere, magnetosphere and solar-terrestrial relations; and analogous problems associated with the Moon and other planets. IUGG activities embrace studies of the Earth by artificial satellites and other techniques for deploying instruments at high altitude.

Interdisciplinary Research Programmes

IUGG has initiated and vigorously supported collaborative efforts that have led to highly productive world-wide interdisciplinary research programmes, such as the International Geophysical Year (1957-58), the Upper Mantle Project (1964-70), the International Hydrological Decade (1965-74), the Geodynamics Project (1972-79), the Global Atmospheric Research Programme (1967-80), World Climate Research Programme (1980-present), International Lithosphere Program (1981-present), Global Geodetic Observing System (2003-present) and others. These programmes have set a model for international, interdisciplinary co-operation. IUGG has initiated and supported ICSU initiatives, especially those in which Earth sciences have a role to play. One major contribution was the creation, some 50 years ago, through ICSU, of the World Data Centers and the Federation of Astronomical and Geophysical Data Analysis Services. These were transformed to the ICSU World Data System, from which the data gathered during major research programs and data products will be available to researchers everywhere. IUGG supported the International Year of the Planet Earth (2007-2009) and the International Polar Year (2007-2008) and has initiated and supported the Electronic Geophysical Year (2007-2008) and the International Heliophysical Year (2007-2008).

Worldwide Co-operative Research

IUGG co-operates with UNESCO in the study of natural catastrophes, oceans, and hydrology. It also gives particular emphasis to the scientific problems of Developing Countries by sponsoring activities relevant to the scientific needs of the Third World. IUGG is a partner with other ICSU Scientific Unions in inter-Union Commissions, and coordinates its activities with seven other ICSU Unions (GeoUnions): the International Astronomical Union (IAU), the International Geographical Union (IGU), the International Society of Photogrammetry and Remote Sensing (ISPRS), the International Union of Geological Sciences (IUGS), the International Union for Quaternary Research (INQUA), the International Union of Radio Science (URSI), and the International Union of Soil Sciences (IUSS).

STRUCTURE

De par leur nature même, les études géodésiques et géophysiques requièrent une importante coopération internationale, de même qu'une coordination efficace. L'UGGI, heureusement, compte 70 entités adhérentes (Tableau 1). Les entités adhérentes sont répartis dans le monde entier, comme le montre le Tableau 2.

Comités nationaux

La grande majorité des entités adhérentes participent aux activités de l'UGGI à travers leur Comité National de l'UGGI, mis en place par l'Académie nationale ou une autre institution officielle du pays adhérent à l'Union (il existe d'autres méthodes d'adhésion). Chaque Comité national de l'UGGI est représenté aux Assemblées Générales de l'UGGI par un délégué nommé par l'entité adhérente.

Assemblées générales

Les Assemblées générales de l'UGGI ont lieu tous les quatre ans. La prochaine Assemblée générale de l'UGGI sera la XXVI^e et se tiendra à Prague, République Tchèque, en 2015. L'UGGI tient des Assemblées Générales depuis 1922. Depuis 1963, elles ont lieu tous les quatre ans. Le Tableau n3 indique les années et les localisations des Assemblées générales de l'UGGI.

Au cours de ces Assemblées générales, on adopte les politiques régissant l'UGGI et on définit et coordonne les programmes nécessitant une participation internationale. De plus, on élabore les plans d'exécution de ces programmes de recherche. Les résultats scientifiques des programmes en cours font l'objet de discussions lors d'un grand nombre de symposiums, de réunions de commissions, de groupes de travail ou de rencontres réunissant les scientifiques assistant aux Assemblées.

Le Conseil, le Bureau et les Comités de l'UGGI

L'UGGI est dirigée par le Conseil de l'UGGI, lequel est régi par les statuts et le règlement intérieur de l'Union. Le Conseil de l'UGGI est composé des délégués accrédités des entités adhérentes. Le Conseil de l'UGGI se réunit lors de l'Assemblée Générale de l'UGGI, où il est procédé à l'élection des membres du Bureau de l'UGGI et du Comité des finances de l'UGGI. Les membres du Conseil de l'UGGI de la XXV Assemblée Générale, en 2011, seront présentés à la page 13.

Le Bureau de l'UGGI traite des affaires administratives entre les rencontres du Conseil. Ses membres, élus par le Conseil, sont au nombre de sept – quatre responsables (Président, Vice-président, Secrétaire général et Trésorier) et trois membres associés. Le Bureau se réunit chaque année.

STRUCTURE

By their very nature, geodetic and geophysical studies require a high degree of international co-operation as well as effective central co-ordination. IUGG is fortunate in having 70 Member Adhering Bodies (Table 1). The Members are distributed throughout the world as shown in Table 2.

National Committees

The great majority of Member Adhering Bodies participate through IUGG National Committees set up by the national academy or another body in their country that adheres to the Union (other methods of adherence do occur). Each IUGG National Committee is represented at the IUGG General Assemblies by a Delegate appointed by its Adhering Body.

General Assemblies

IUGG General Assemblies are held every four years. The next XXV IUGG General Assembly will be number XXVI (26th) in Prague, Czech Republic, in 2015. IUGG General Assemblies have been held since 1922. Since 1963, they are held every four years. Table 3 lists the years and locations of IUGG General Assemblies.

During these General Assemblies, policies governing IUGG are adapted, research programmes requiring international participation are formulated and coordinated. In addition, plans are drawn for the execution of research programmes. The scientific results of programmes in progress are discussed at the numerous Symposia, Commission and Working Group meetings, and other gatherings of scientists that are convened during these assemblies.

The IUGG Council, Bureau, and Committees

IUGG's affairs are directed by the IUGG Council governed by the Statutes and By-laws of the Union. The IUGG Council is composed of one credentialed delegate from each Adhering Body. The IUGG Council meets during the IUGG General Assembly and elects the IUGG Bureau and the IUGG Finance Committee. The IUGG Council delegates of the XXV General Assembly in 2011 are listed on page 13.

The IUGG Bureau handles administrative affairs between Council meetings. It is elected by the Council and consists of seven members – four officers (President, Vice-President, Secretary General, and Treasurer) and three members at large. The Bureau meets annually.

Le Comité directeur de l'UGGI travaille en vue d'atteindre les objectifs scientifiques de l'Union et des Associations internationales grâce à une coordination et une définition efficace des politiques générales. Il regroupe les membres du Bureau de l'UGGI, le président sortant de l'Union et les présidents des Associations internationales.

Le Comité des finances de l'UGGI traite des affaires budgétaires avec le Trésorier de l'UGGI. Il regroupe personnes élues par le Conseil de l'UGGI. Les membres du Comité des finances ne peuvent être membres ni du Bureau de l'UGGI, ni du Comité directeur de l'UGGI.

Les Associations internationales

Les huit Associations internationales semi-autonomes de l'UGGI assument, chacune, les responsabilités relatives à une série de sujets ou de thèmes spécifiques, relevant des activités générales de l'Union. Chaque Association possède sa propre sous-structure, comme il sera expliqué ci-dessous. Les Associations internationales définissent des normes de recherche et conviennent de définitions et d'algorithmes, tels que le *Manual of Seismological Observatory Practice* ou le *Guide for Magnetic Repeat Station Surveys*. Pour les sujets importants les résolutions doivent être adoptées à l'unanimité. Ils transmettent dans le cadre de leur mission éducative les résultats de leurs recherches à la communauté scientifique internationale, aux agences gouvernementales, aux entreprises et au grand public. Les huit Associations internationales sont les suivantes:

Association Internationale des Sciences Cryosphériques (AISC)
International Association of Cryospheric Sciences (IACS)

Association Internationale de Géodésie (AIG)
International Association of Geodesy (IAG)

Association Internationale de Géomagnétisme et d'Aéronomie (AIGA)
International Association of Geomagnetism and Aeronomy (IAGA)

Association Internationale des Sciences Hydrologiques (AISH)
International Association of Hydrological Sciences (IAHS)

Association Internationale de Météorologie et des Sciences de l'Atmosphère (AIMSA)
International Association of Meteorology and Atmospheric Sciences (IAMAS)

Association Internationale pour les Sciences Physiques des Océans (AISPO)
International Association for the Physical Sciences of the Oceans (IAPSO)

Association Internationale de Séismologie et de Physique de l'Intérieur de la Terre (AISPIT)
International Association of Seismology and Physics of the Earth's Interior (IASPEI)

Association Internationale de Volcanologie et de Chimie de l'intérieur de la Terre (AIVCIT)
International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

The IUGG Executive Committee works to further the scientific objectives of the Union and International Associations by effective co-ordination and formulation of general policies. It consists of the IUGG Bureau, the retiring president of the Union, and the Presidents of the International Associations.

The IUGG Finance Committee interacts with the IUGG Treasurer regarding budgetary matters. It consists of persons elected by the IUGG Council. The members of the Finance Committee are not members of the IUGG Bureau or the IUGG Executive Committee.

The International Associations

The eight semi-autonomous International Associations within IUGG are each responsible for a specific range of topics or themes within the overall scope of the Union's activities. Each has a sub-structure as discussed below. The International Associations work to set standards for research and agree on definitions and algorithms, such as the *Manual of Seismological Observatory Practice* or the *Guide for Magnetic Repeat Station Surveys*. Participants pass resolutions on important issues where all agree. They make research visible to the international scientific community, to governmental agencies, to industry, and to the general public through their education activities. These eight International Associations are as follows:

Les Associations internationales jouent également un rôle particulier en faisant bénéficier tous les pays du monde des dernières avancées scientifiques, grâce à des rencontres, des ateliers et des assemblées. Les Associations internationales tiennent leurs propres Assemblées scientifiques tous les quatre ans environ, généralement deux ans avant la tenue de l'Assemblée générale de l'UGGI. En 2013, les Assemblées scientifiques des Associations étaient ainsi: l'Assemblée conjointe de l'AISC et l'AIMSA en Suisse, l'Assemblée conjointe de l'AISH, l' AISPO, et l'AISPIT en Suède, de l'AIG en Allemagne, de l'AIGA en Mexique, et de l'AIVCIT en Japon. Lors des Assemblées scientifiques, les Associations internationales parrainent des symposiums sur des sujets particuliers, souvent en partenariat.

Les géodésiens et les géophysiciens de tous les pays du monde sont invités à participer aux nombreux symposiums et ateliers des Associations internationales et des Assemblées générales de l'UGGI. Lors de ces rencontres, les scientifiques ont l'occasion de discuter de leurs méthodologies, résultats et hypothèses respectifs, et de planifier des projets de recherche en collaboration.

Les symposiums ont vocation à s'adresser tout particulièrement aux jeunes scientifiques des pays en voie de développement. L'UGGI a prévu un budget particulier pour assurer leur participation aux symposiums organisés sous l'égide de l'Union et de ses Associations.

Comme l'UGGI, les Associations internationales sont gérées par des officiers qui sont élus pendant leurs Assemblées Générales. Dans son domaine respectif, chaque Association est responsable de la définition de son propre programme et de soutenir les activités de ses propres composantes.

Commissions de l'Union

En raison de la nature interdisciplinaire des domaines traités par les Associations internationales, quatre Commissions de l'Union ont été créées pour assister l'Union et la communauté géophysique internationale par la promotion de l'étude de problèmes interdisciplinaires particuliers. Ces organisations sont habilitées par le Comité directeur de l'UGGI à mener des recherches conjointes entre les Associations. Les commissions de l'Union font l'objet d'un examen et d'un remaniement lors de chaque Assemblée générale de l'UGGI. Les cinq Commissions suivantes sont actuellement en activité:

- Géophysique mathématique; Mathematical Geophysics (CMG)
- Étude des profondeurs terrestres; Study of the Earth's Deep Interior (SEDI)
- Commission sur les risques géophysiques et le développement durable; Geophysical Risk and Sustainability (GRC)
- Commission de l'union pour les données et l'information; Union Commission for Data and Information (UCDI)
- Commission de l'union sur les changements climatiques et les modifications de l'environnement; Union Commission on Climatic and Environmental Change (CCEC)

En outre, deux ou plusieurs Associations internationales peuvent créer et soutenir des groupes de travail conjoints chargés de sujets scientifiques spécifiques.

Commission Inter-Unions

Le Programme International du Lithosphère, guidé par le Comité Scientifique du Lithosphère (SCL), fut établi en 1980 comme la Commission Inter-Union sur le Lithosphère (ICL)

The International Associations also play a special role in bringing state-of-the art science to all the countries of the world through meetings, workshops, and assemblies. The International Associations convene their own Scientific Assemblies approximately every four years, generally two years following the IUGG General Assembly. In 2013, the following scientific assemblies were held: a joint assembly of IACS and IAMAS in Switzerland, a joint assembly of IAHS, IAPSO, and IASPEI in Sweden, IAG in Germany, IAGA in Mexico, and IAVCEI in Japan. At Scientific Assemblies the International Associations sponsor symposia on particular topics, often in partnership with one another.

Geodesists and geophysicists from all countries of the world are encouraged to attend the numerous Symposia and Workshops of the International Associations and the General Assemblies of IUGG. At these meetings scientists have the opportunity to discuss their respective methodologies, results, and hypotheses and to plan collaborative research projects.

The Symposia are intended to be particularly helpful to younger scientists from developing countries of the world. The IUGG has made special financial provision for them to participate in the Symposia organised under the aegis of the Union and its Associations.

Like IUGG, International Associations are managed by officers who are elected during their General Assembly. Within its own discipline each Association is responsible for determining its own programme of investigations and for supporting the activities of its own component parts.

Union Commissions

Owing to the interactive nature of the subject fields managed by the International Associations, four Union Commissions have been established which serve the Union and the international geophysical community by promoting the study of particular interdisciplinary problems. These bodies are chartered by the IUGG Executive Committee to conduct inter-association science. Union Commissions are reviewed and renewed at each IUGG General Assembly. The following five Commissions are presently active:

- Mathematical Geophysics (CMG); Géophysique mathématique
- Study of the Earth's Deep Interior (SEDI); Étude des profondeurs terrestres
- Geophysical Risk and Sustainability (GRC); Commission sur les risques géophysiques et développement durable
- Union Commission for Data and Information (UCDI); Commission de l'union pour les données et l'information
- Union Commission on Climatic and Environmental Change (CCEC); Commission de l'union sur les changements climatiques et les modifications de l'environnement

In addition, two or more International Associations may set up and support joint working groups to address specific scientific topics.

Inter-Unions Commission

The International Lithosphere Program, guided by the Scientific Committee on the Lithosphere (SCL), was established in 1980 as the Inter-union Commission on the

par le Conseil International des Sciences (CIUS), selon la demande de l'Union Internationale des Sciences Géologiques (IUGS) et l'Union Géodésique et Géophysique Internationale (UGGI). Le nom fut changé au Comité Scientifique sur le Lithosphère en 1999. Selon la Décision 8.4 de l'Assemblée Générale de 2005 du CIUS, le CIUS a décidé de terminer son soutien du SCL/ILP et de recommander un décalage de responsabilité vers l'UGGI et l'IUGS. Depuis cette décision, l'UGGI et l'IUGS ont raté la mission du ILP et ont collaboré pour re-définir l'ILP comme une entité Inter-Union. Des nouveaux Termes de Référence ont été approuvés par les deux Unions.

FINANCES

L'UGGI collecte les cotisations annuelles pour financer les projets scientifiques inter-unions, les initiatives inter-associations et les activités administratives de l'UGGI, y compris ses publications. La moitié du revenu net de l'UGGI est remis aux Associations internationales qui peuvent décider de l'utilisation de ces fonds.

Le revenu de l'Union provient des contributions annuelles des entités adhérentes. Les entités adhérentes ont le choix entre le statut de membre régulier ou de membre associé (ne payant pas de cotisation). Les entités adhérentes peuvent envoyer un délégué aux rencontres quadriennales du Conseil de l'UGGI et voter sur les affaires administratives. Les scientifiques des entités adhérentes peuvent occuper un poste de responsabilité dans les Associations internationales et ils ont un droit de vote lors des séances de travail. Les membres associés ne versent pas de cotisation, n'ont pas de droit de vote et leurs scientifiques ne peuvent pas occuper de poste de responsabilité. Les scientifiques des entités adhérentes associés sont toutefois les bienvenus aux activités scientifiques et sociales tenues lors de toutes les rencontres de l'UGGI et des Associations internationales. Les données scientifiques et les recherches effectuées par les entités adhérentes associées sont prises en considération par les autres scientifiques, et nombreuses sont les occasions de rencontres et de collaboration avec d'autres participants de l'UGGI. Si la situation économique d'un pays ne lui permet pas l'adhésion de plein droit à l'UGGI., le statut de membre associé peut être une étape vers l'adhésion de plein droit.

Les cotisations qu'une entité adhérente régulière paye sont calculées selon un barème (en fonction de la 'catégorie - Table 1') défini par le Comité des finances de l'UGGI. Les catégories reflètent la situation économique du pays et à sa participation aux Assemblées Générales de l'UGGI. Les détails figurent dans le titre III des statuts et le titre III du règlement intérieur de l'UGGI. Chaque catégorie correspond à un nombre d'unités permettant de calculer la cotisation. En 2013 la valeur d'une unité de cotisation est de USD 1850. Le Comité des finances utilise un algorithme pour déterminer le montant de l'unité. Le Comité des finances examine également la catégorie d'adhésion de chaque entité adhérente au moins une fois tous les quatre ans.

Tout défaut de paiement d'une cotisation par un pays entraîne son passage dans une catégorie particulière de membres sans droit de vote, dits « observateurs ». Le défaut prolongé de paiement des cotisations peut entraîner l'expulsion d'un pays de l'UGGI.

Lithosphere (ICL) by the International Council for Science (ICSU), at the request of the International Union of Geological Sciences (IUGS) and the International Union of Geodesy and Geophysics (IUGG). The name was formally changed to the Scientific Committee on the Lithosphere in 1999. According to Decision 8.4 from the 2005 ICSU General Assembly, ICSU decided "to withdraw ICSU sponsorship from SCL/ILP and to recommend that responsibility would then shift to IUGG and IUGS." Since that time, IUGG and IUGS have reaffirmed the ILP mission and have collaborated to re-define ILP as an inter-Union body. New Terms of Reference have been approved by both Unions.

FINANCES

IUGG collects annual contributions to carry out its support for Inter-Union science, Inter-Association initiatives, and IUGG administration, including IUGG publications. One half of IUGG's net income from the previous year is passed to the International Associations to use as they see fit.

The income of the Union comes from annual contributions of the Members. Member Adhering Bodies can choose to be regular paying Members or Associate (non-paying) Members. Members may send a delegate to quadrennial meetings of the IUGG Council and vote on matters of business. Scientists from regular Members may hold office in the International Associations and vote at their business meetings. Associate Members pay no contributions, have no voting rights, and their scientists may not hold offices. However, scientists from Associate Member countries are welcome to attend all scientific and social activities at all IUGG and International Association meetings. The scientific data collected and research performed within Associate Member countries is valued by other scientists and the opportunities for networking and collaboration with other IUGG participants are abundant. Associate Membership can be a first step toward regular membership, if a country's economic condition does not currently permit the payment of annual dues.

A regular Member Adhering Body pays dues according to a scale ("the category number - See Table 1") established by the IUGG Finance Committee. Categories are related to the economic condition of the country and its participation in IUGG General Assemblies. Details are specified in Statute III and By-Law III of IUGG. Each category has an associated number of Units used to determine the dues to be paid. The value of a single Unit of membership in 2013 is USD 1,850. The Finance Committee uses an algorithm to determine the price of a Unit. The Finance Committee also reviews the category of membership for each Member Adhering Body at least every four years.

Failure to pay fees in a timely manner places a country into a special class of non-voting membership known as "observers." Continued failure to pay fees is grounds for expulsion from IUGG.

Table 1: Member Adhering Bodies of IUGG

MEMBERS	Dates of ADMISSION & TERMINATION	CATEGORY ⁽¹⁾	UNITS ⁽²⁾
ALBANIA	1997-2002, 2003	A	0
ALGERIA	1971-2006		
ARGENTINA	1927	3	3
ARMENIA	2000	A	0
AUSTRALIA	1919	5	7
AUSTRIA	1948	3	3
AZERBAIJAN	2010	1	1
BELGIUM	1919	4	5
BOLIVIA	1960-2000, 2006	A	0
BOSNIA & HERZEGOVINA	2003	1	1
BRAZIL	1922	3	3
BULGARIA	1930	1	1
BURUNDI	1987-1995		
CANADA	1919	6	10
CHILE	1924	2	2
CHINA	1977	6	10
CHINA – Acad. of Sciences in Taipei	1995	4	5
COLOMBIA	1938-1971, 2000	1	1
CONGO D.R. (**)	2004	1	1
COSTA RICA	2010	A	0
CROATIA	1992	1	1
CUBA	1960-1996		
CZECH REPUBLIC	1993	2	2
DENMARK	1923	4	5
DOMINICAN REP.	1957-1971		
EGYPT	1924	2	2
ESTONIA	1991	1	1
ETHIOPIA	1952-2000		
FINLAND	1927	3	3
FRANCE	1919	7	15
GEORGIA	2009	A	0
GERMANY	1951	8	20
GHANA	1957-1987, 2006	1	1
GREECE	1922-2003; 2008	3	3
GUATEMALA	1957-2000		
GUINEA	1987-1995		
HAITI	1956-1971		
HUNGARY	1930	2	2
ICELAND	1967	1	1
INDIA	1947	6	10
INDONESIA	1951	1	1
IRAN	1957	1	1
IRAQ	1983-1996		
IRELAND	1946	2	2
ISRAEL	1951	1	1
ITALY	1919	6	10
IVORY COAST	1975-1996		
JAPAN	1919	8	20
JORDAN	1979	1	1
KENYA	1975-1997		
KOREA	1960	2	2
KOREA /DEM.REP	1967-2000		
LEBANON	1967-2003		
LIBYA	1979-1996		

Table 1 (continued): Member Adhering Bodies of IUGG

MEMBERS	Dates of ADMISSION & TERMINATION	CATEGORY ⁽¹⁾	UNITS ⁽²⁾
LUXEMBOURG	1971	1	1
MACEDONIA, F.Y.R.	1995-2001, 2010	1	1
MADAGASCAR	1967-1995		
MALAYSIA	1967-2002		
MAURITIUS	2003	A	0
MEXICO	1922	2	2
MONACO	1967	1	1
MONGOLIA	1995-2001		
MOROCCO	1924	1	1
MOZAMBIQUE	1983	1	1
MYANMAR (BURMA)	1957-2003		
NEPAL	1975-1987		
THE NETHERLANDS	1925	4	5
NEW ZEALAND	1927	1	1
NIGERIA	1971	2	2
NORWAY	1923	4	5
PAKISTAN	1952	2	2
PERU	1925-1979, 2000	A	0
PHILIPPINES	1951	3	3
POLAND	1924	2	2
PORTUGAL	1919	2	2
ROMANIA	1930	1	1
RUSSIA ^(***)	1992	6	10
SAUDI ARABIA	1971-2001, 2012	2	2
SENEGAL	1960-1995		
SERBIA & MONTENEGRO ^(*)	1996-2006		
SIERRA LEONE	1967-1983		
SLOVAK REPUBLIC	1993	1	1
SLOVENIA	1994	1	1
SOUTH AFRICA	1924	3	3
SPAIN	1922	5	7
SUDAN	1955-2000		
SWEDEN	1923	4	5
SWITZERLAND	1923	5	7
SYRIA	1948-1995		
TANZANIA	1975-2000		
THAILAND	1923	2	2
TUNISIA	1927-2001		
TURKEY	1949	2	2
UK	1919	8	20
URUGUAY	1924-2000		
USA	1919	11	35
VENEZUELA	1975-2008		
VIETNAM	1931	1	1
ZIMBABWE	1967-2000		

(1) According to IUGG Statute 12a, there are fourteen categories of membership in the Union, numbered 1 to 14, plus a special category, called A (Associate).

(2) According to IUGG Statute 12b and IUGG By-Law 18 a, for categories 1 to 14, each member country pays annually the number of units of contribution assigned to the category in which it adheres. Associates (Category A) do not pay an annual contribution to the Union.

(*) Adhesion in 1996 under the name of the Federal Republic of Yugoslavia which was changed in 2003 to Serbia & Montenegro. In 2006, Serbia & Montenegro divided, and attempts to confirm membership of either country have been unsuccessful.

(**) Adhesion in 1991 under the name Zaire, membership terminated in 1997.

(***) Adhesion in 1954 under the name of the USSR

Table 2: Regional Distribution of Members

REGION	# OF MEMBERS
Africa	8
Asia	14
Europe	36
North and Central America	4
Oceania	2
South America	6

Table 3: IUGG General Assemblies

Assembly	Year	National	Foreigners	Total
IV.* Stockholm	1930	91	240	331
V. Lisbon	1933	40	160	200
VI. Edinburgh	1936	80	264	344
VII. Washington	1939	580	225	805
VIII. Oslo	1948	46	322	368
IX. Bruxelles	1951	60	858	918
X. Rome	1954	163	760	923
XI. Toronto	1957	293	872	1165
XII. Helsinki	1960	121	1254	1375
XIII. Berkeley	1963	1124	814	1938
XIV. Zurich	1967	151	2049	2200
XV. Moscow	1971	1070	1507	2577
XVI. Grenoble	1975	413	2151	2564
Durham, UK	1977		Exceptional G.A.	
XVII. Canberra	1979	469	1475	1944
XVIII. Hamburg	1983	495	2709	3204
XIX. Vancouver	1987	539	3400	3939
XX. Vienna	1991	162	4169	4331
XXI. Boulder	1995	2066	2415	4481
XXII. Birmingham	1999	647	3405	4052
XXIII. Sapporo	2003	1989	2162	4151
XXIV. Perugia	2007	618	3757	4375
XXV. Melbourne	2011	675	2717	3392

*The figures given do not take into account the accompanying persons.

Current Officers of IUGG

Bureau of the Union

<i>President:</i>	Harsh Gupta	INDIA
<i>Vice-President:</i>	Michael Sideris	CANADA
<i>Secretary General:</i>	Alik Ismail-Zadeh	GERMANY/RUSSIA
<i>Treasurer:</i>	Aksel W. Hansen	DENMARK
<i>Members:</i>	Isabelle Ansonge	SOUTH AFRICA
	Pierre Hubert	FRANCE
	Kenji Satake	JAPAN

Executive Committee of the Union

According to Article 10 of the Statutes of IUGG, the Executive Committee consists of:

- the Bureau (see above),
- the Retiring President of the Union, Tom Beer (AUSTRALIA)
- the Presidents of the International Associations:

<i>IACS:</i>	Charles Fierz	SWITZERLAND
<i>IAG:</i>	Chris Rizos	AUSTRALIA
<i>IAGA:</i>	Kathy Whaler	UK
<i>IAHS:</i>	Hubert Savenije	THE NETHERLANDS
<i>IAMAS:</i>	Athena Coustenis	FRANCE
<i>IAPSO:</i>	Eugene Morozov	RUSSIA
<i>IASPEI:</i>	Domenico Giardini	SWITZERLAND
<i>IAVCEI:</i>	Ray Cas	AUSTRALIA

Finance Committee of the Union

<i>Chair:</i>	David Collins	UK
<i>Members:</i>	Zoltan Hajnal	CANADA
	Jan Krynski	POLAND
	David Rhoades	NEW ZEALAND

Secretariat of IUGG

The Secretariat of IUGG is located in Germany:

Helmholtz Centre Potsdam
 GFZ German Research Centre for Geosciences
 Telegrafenberg, A17
 14473 Potsdam

Executive Secretary/Assistant Secretary General: Franz G. Kuglitsch GERMANY

The Executive Secretary/Assistant Secretary General of IUGG is a not voting Member of the Bureau of the Union.

IUGG Liaison Officers and Representatives

IUGG Liaison Officers with Intergovernmental Organizations

<i>Cartographic Office of the United Nations:</i>	Luiz Fortes	BRAZIL
<i>World Meteorological Organization (WMO):</i>	Arthur Askew	SWITZERLAND
	Hans Volkert	GERMANY
	Arnau Folch	SPAIN
<i>United Nations Educational, Scientific and Cultural Organization (UNESCO):</i>		
<i>International Hydrological Programme (IHP):</i>	Christophe Cudennec	FRANCE
<i>Intergovernmental Oceanographic Commission (IOC):</i>	Stefania Sparnocchia	ITALY

IUGG Representatives on ICSU Committees and ICSU Regional Offices

<i>Committee on Data for Science and Technology (CODATA):</i>		
	Alexei Gvishiani	RUSSIA
<i>Committee on Space Research (COSPAR):</i>		
	Eric Donovan	CANADA
<i>Programme on Integrated Research on Disaster Risk (IRDR):</i>		
	Kuniyoshi Takeuchi	JAPAN
<i>Scientific Committee on Antarctic Research (SCAR):</i>		
	Ian Allison	AUSTRALIA
<i>Scientific Committee on Oceanic Research (SCOR):</i>		
	Athena Coustenis	FRANCE
	Eugene Morozov	RUSSIA
<i>Scientific Committee on Solar-Terrestrial Physics (SCOSTEP):</i>		
	Vladimir Kuznetsov	RUSSIA
<i>World Climate Research Programme (WCRP):</i>		
	Tom Beer	AUSTRALIA
<i>World Data System (WDS):</i>		
	Ruth E. Neilan	USA
<i>Regional Office for Africa (ROA):</i>		
	Isabelle Ansorge	SOUTH AFRICA
	Ali Tealeb	EGYPT
<i>Regional Office for Asia & the Pacific (ROAP):</i>		
	Sri Widiyantoro	INDONESIA
	Sukanta Roy	INDIA
<i>Regional Office for Latin America and Caribbean (ROLAC):</i>		
	Jaime U. Fucugauchi	MEXICO

IUGG Representatives on Other Bodies*Consultative Committee for Time and Frequency (CCTF):*

Claude Boucher FRANCE

*International Civil Aviation Organization (ICAO):*William I. Rose USA
Marianne Guffanti USA*Pan-American Institute of Geography and History (PAIGH):*

Hermann Drewes GERMANY

ACCREDITED DELEGATES TO THE COUNCIL OF THE IUGG*25th General Assembly, Melbourne, AUSTRALIA, 28 June – 7 July 2011. Listeners (from Associate Member Countries) are indicated by italics.*

C. Risso (ARGENTINA), S. Blanc (ARGENTINA), B. Kennett (AUSTRALIA), I. Jackson (AUSTRALIA), N. Höggerl (AUSTRIA), G. Babayev (AZERBAIJAN), J. De Keyser (BELGIUM), M. Assumpção (BRAZIL), A. Larocca (BRAZIL), D. Pancheva (BULGARIA), Z. Hajnal (CANADA), R. Maturana Nadal (CHILE), J.P. Li (CHINA), S.C. Liu (CHINA-TAIPEI), L. Sanchez (COLOMBIA), K. Tondozi (D.R. CONGO), *M. Protti (COSTA RICA)*, M. Orlic (CROATIA), V. Cermak (CZECH REPUBLIC), S. Gregersen (DENMARK), A. Hady (EGYPT), R. Room (ESTONIA), E. Kozlovskaya (FINLAND), J. Dymont (FRANCE), M. Menvielle (FRANCE), R. Kind (GERMANY), J. Adam (HUNGARY), K. Vogfjörð (ICELAND), V.M. Tiwari (INDIA), A. Karsidi (INDONESIA), J. Gamble (IRELAND), Z. Levin (ISRAEL), G. Panza (ITALY), S. Imawaki (JAPAN), D.-J. Kim (KOREA), W.M. Moon (KOREA), T. van Dam (LUXEMBOURG), C. Popovska (F.Y.R. MACEDONIA), H. Boehnel (MEXICO), M.F. KAMPINE (MOZAMBIQUE), H.H.G. Savenije (THE NETHERLANDS), D. Rhoades (NEW ZEALAND), D. Fubara (NIGERIA), U.-P. Hoppe (NORWAY), N. Elahi (PAKISTAN), J. Krynski (POLAND), J.A. Torres (PORTUGAL), C.S. Sava (ROMANIA), A.D. Gvishiani (RUSSIA), J. Brestenský (SLOVAK REPUBLIC), I. Ansorge (SOUTH AFRICA), R. Roman (SOUTH AFRICA), A. Garcia (SPAIN), B. Arheimer (SWEDEN), M. Parlange (SWITZERLAND), N. Chotsiri (THAILAND), C. Promthong (THAILAND), O. Lenk (TURKEY), S. Özdemir (TURKEY), D. Collins (UK), P. Grew (USA), H.D. Chau (VIETNAM)

Past Officers of IUGG Bureau

PAST IUGG PRESIDENTS

1919-1933	Charles Lallemand (France)
1933-1936	William Bowie (USA)
1936-1942	Dan La Cour (Denmark)
1946-1948	Bjørn Helland-Hansen (Norway)
1948-1951	Felix A. Vening-Meinesz (The Netherlands)
1951-1954	Sidney Chapman (UK)
1954-1957	Kalpathi R. Ramanathan (India)
1957-1960	John T. Wilson (Canada)
1960-1963	Vladimir V. Belousov (USSR)
1963-1967	Joseph Kaplan (USA)
1967-1971	Jean Coulomb (France)
1971-1975	Henry Charnock (UK)
1975-1979	Attia Ashour (Egypt)
1979-1983	George D. Garland (Canada)
1983-1987	Devendra Lal (India)
1987-1991	Vladimir I. Keilis-Borok (USSR)
1991-1995	Helmut Moritz (Austria)
1995-1999	Peter J. Wyllie (USA)
1999-2003	Masaru Kono (Japan)
2003-2007	Uri Shamir (Israel)
2007-2011	Tom Beer (Australia)

PAST IUGG VICE-PRESIDENTS

1919-1922	S.A.S. Prince Albert I de Monaco William Bowie (USA) Sir William Napier Shaw (UK) M. Tanakadate (Japan)
1922-1948	The Presidents of the Associations
1948-1951	Sydney Chapman (UK) Leason H. Adams (USA)
1951-1954	Gino Cassinis (Italy) Jacob Bjerknes (USA)
1954-1957	John T. Wilson (Canada)
1957-1960	Vladimir V. Belousov (USSR) Weikko Heiskanen (Finland)
1960-1963	Julius Bartels (FRG) Joseph Kaplan (USA)
1963-1967	Keith E. Bullen (Australia) Jean Coulomb (France)
1967-1969	Hisashi Kuno (Japan)
1969-1971	Liviu Constantinescu (Romania)
1971-1975	Attia Ashour (Egypt)
1975-1979	George D. Garland (Canada)
1979-1983	Nikolai V. Shebalin (USSR)
1983-1991	Carl Kisslinger (USA)
1991-1995	Peter J. Wyllie (USA)
1995-2003	Uri Shamir (Israel)
2003-2007	Tom Beer (Australia)
2007-2011	Harsh K. Gupta (India)

PAST IUGG SECRETARIES GENERAL

1919-1930	Sir Henry Lyons (UK)
1930-1946	Harold St. J.L. Winterbotham (UK)
1946-1951	James M. Stagg (UK)
1951-1963	Georges R. Laclavère (France)
1963-1973	George D. Garland (Canada)
1973-1991	Paul Melchior (Belgium) *
1991-1999	Georges Balmino (France)
1999-2007	JoAnn Joselyn (USA)

*P. Melchior (Belgium) served as Adjoint Secretary General from 1971-1975

PAST IUGG TREASURERS

1960-1971	Einar Andersen (Denmark)
1971-1979	Elvin Kejlsø (Denmark)
1979-1987	Ole Bedsted Andersen (Denmark)
1987-1999	Søren Gregersen (Denmark)

PAST IUGG BUREAU MEMBERS

1957-1960	George Deacon (UK) J. Wallace Joyce (USA) Chuji Tsuboi (Japan)
1960-1963	M.S. Krishnan (India) Takesi Nagata (Japan)
1963-1967	Bert Bolin (Sweden) Valery A. Troitskaya (USSR)
1967-1971	Liviu Constantinescu (Romania) Thomas Malone (USA) Alexei M. Oboukhov (USSR)
1971-1975	William C. Ackermann (USA) Liviu Constantinescu (Romania) Nikolai V. Shebalin (USSR)
1975-1979	Nikolai V. Shebalin (USSR) Henri Lacombe (France) Carl Kisslinger (USA)
1979-1983	James C.I. Dooge (Ireland) Henri Lacombe (France) Carl Kisslinger (USA)
1983-1987	James C.I. Dooge (Ireland) Vladimir I. Keilis-Borok (USSR) Helmut Moritz (Austria)
1987-1991	Gordon McBean (Canada) Helmut Moritz (Austria) Ye Duzheng (China)
1991-1995	Gordon McBean (Canada) Ye Duzheng (China) Andrei S. Monin (Russia)
1995-1999	Junyong Chen (China) Andrei S. Monin (Russia) Seiya Uyeda (Japan)
1999-2001	Junyong Chen (China) Harsh K. Gupta (India) L. Vere Shannon (South Africa)
2001-2003	Tom Beer (Australia) Junyong Chen (China) Harsh K. Gupta (India)
2003-2007	Yun-tai Chen (China) Harsh K. Gupta (India) Ali A.A. Tealeb (Egypt)
2007-2011	Yun-tai Chen (China) David Jackson (USA) Ali A.A. Tealeb (Egypt)

Past Officers of IUGG Finance Committee

PAST FC PRESIDENTS

1948-1954	John T. Wilson (Canada)
1957-1957	Arthur T. Doodson (UK)
1957-1963	K. Hilding Beij (USA)
1963-1967	M. Doporto (Ireland)
1967-1971	Tauno J. Kukkamäki (Finland)
1971-1975	James M. Stagg (UK)
1975-1979	Charles A. Whitten (USA)
1979-1983	Henry I.S. Thirlaway (UK)
1983-1995	Josep O. Cardus (Spain)
1995-1999	Attia A. Ashour (Egypt)
1999-2003	A. Fred Spilhaus (USA)
2003-2007	Mike Hamlin (UK)
2007-2011	Juan F. Vilas (Argentina)

PAST FC SECRETARIES

1948-1957	K. Hilding Beij (USA)
1957-1960	Martin Goldschmidt (Israel)
1960-1967	Tauno J. Kukkamäki (Finland)
1967-1975	Charles A. Whitten (USA)
1975-1979	Henry I.S. Thirlaway (UK)
1979-1987	Arthur E. Maxwell (USA)
1987-1989	József Somogyi (Hungary)
1989-1999	A. Fred Spilhaus (USA)
1999-2003	Patrick Pinet (France)

PAST FC MEMBERS

1948-1951	Gerardo Dianderas (Peru) Arthur T. Doodson (UK) Jean Vignal (France)
1951-1954	Arthur T. Doodson (UK) Martin Goldschmidt (Israel) Jean Vignal (France)
1954-1957	Martin J. Goldschmidt (Israel) Jean Vignal (France) Fritz Gassmann (Switzerland)
1957-1960	J.M. Rayner (Australia) A. Romana (Spain) Jean Vignal (France)
1960-1963	M. Doporto (Ireland) Jack M. Rayner (Australia) A. Romana (Spain)
1963-1967	Charles A. Whitten (USA) Stanislaw Krynski (Poland) A. Romana (Spain)
1967-1971	Stanislaw Krynski (Poland) James M. Stagg (UK) E. Walser (Switzerland)
1971-1975	Stanislaw Krynski (Poland) E. Walser (Switzerland) G. Yamamoto (Japan)
1975-1979	Stanislaw Krynski (Poland) G. Yamamoto (Japan) P.K. Das (India)
1979-1983	Josep O. Cardus (Spain) Jacub Rais (Indonesia) József Somogyi (Hungary)
1983-1987	Attia A. Ashour (Egypt) Jacub Rais (Indonesia) József Somogyi (Hungary)
1987-1991	Attia A. Ashour (Egypt) Jacub Rais (Indonesia) A. Fred Spilhaus (USA)
1991-1995	Attia A. Ashour (Egypt) A. Fred Spilhaus (USA) Mike J. Hamlin (UK)
1995-1999	Vinod K. Gaur (India) Erwin Groten (Germany) Mike J. Hamlin (UK)
1999-2003	Vinod K. Gaur (India) Erwin Groten (Germany) Mike J. Hamlin (UK)
2003-2007	Brian L.N. Kennett (UK) Kiyoshi Suyehiro (Japan) Juan F. Vilas (Argentina) David Jackson (USA)
2007-2011	David Collins (UK) Jan Krynski (Poland) Kiyoshi Suyehiro (Japan)

Union Commissions

Union Commission on Climatic and Environmental Change (CCEC):

www.ccec-iugg.org

<i>Chair:</i>	Tom Beer	AUSTRALIA		
<i>Vice-Chair:</i>	Jianping Li	CHINA		
<i>Secretary-Treasurer:</i>	Keith Alverson	USA / KENYA		
<i>Executive Committee Members:</i>	Ian Allison	AUSTRALIA	IACS	
	Eigil Friis-Christensen	DENMARK	IAGA	
	Michael C. MacCracken	USA	IAMAS	
	Lawrence Mysak	CANADA	IAPSO	
	Setsuya Nakada	JAPAN	IAVCEI	
	Dan Rosbjerg	DENMARK	IAHS	
	Stephen Self	USA / UK	IAVCEI	
	Michael G. Sideris	CANADA	IAG	
	Makoto Taniguchi	JAPAN	IAHS	
	Tonie Van Dam	LUXEMBOURG	IAG	
	Guoxiong Wu	CHINA	IAMAS	
	<i>Co-opted Member:</i>	Serhat Sensoy	TURKEY	WMO

Union Commission on Data and Information (UCDI):

www.iugg-ucdi.org

<i>Chair:</i>	Peter Fox	USA
<i>Vice-Chair:</i>	Charles Barton	AUSTRALIA
<i>Secretary:</i>	Adelina Geyer Traver	SPAIN
<i>Executive Committee Members:</i>	Tim Ahern	USA
	Maria Assunção F. Silva Dias	BRAZIL
	Pierrick Givone	FRANCE
	Ruth Neilan	USA
	Mark Parsons	USA
	Bernd Richter	GERMANY
	Satheesh Sheno	INDIA
	Anatoly Soloviev	RUSSIA

Union Commission on Geophysical Risk and Sustainability (GRC):

www.iugg-georisk.org

<i>Chair:</i>	Kuniyoshi Takeuchi	JAPAN	
<i>Vice-Chairs:</i>	Volodya Kossobokov	RUSSIA	
	John LaBrecque	USA	
<i>Secretary:</i>	Diana Greenslade	AUSTRALIA	
<i>Treasurer:</i>	Paula Dunbar	USA	
<i>Past Chair:</i>	Alik Ismail-Zadeh	GERMANY	
<i>Executive Committee Members:</i>	David H. Boteler	CANADA	
	Servando de la Cruz-Reyna	MEXICO	
	David D. Jackson	USA	
	Andreas Käab	NORWAY	
	Joan Martí	SPAIN	
	Alan Thomson	UK	
	<i>Advisory Board Members:</i>	Harsh Gupta	INDIA
	Viacheslav Gusiakov	RUSSIA	
	Gordon McBean	CANADA	
	Uri Shamir	ISRAEL	
<i>Honorary Members:</i>	Tom Beer	AUSTRALIA	
	Alik Ismail-Zadeh	GERMANY	
	Ramesh P. Singh	USA	

Union Commission on Mathematical Geophysics (CMG):<http://www.iugg.org/about/commissions/cmng.php>

<i>Chair:</i>	Yehuda Ben-Zion	USA
<i>Secretary:</i>	Ilya Zaliapin	USA
<i>Vice-Chairs:</i>	Einat Aharonov	ISRAEL
	Claudia Pasquero	ITALY
<i>Past Chair:</i>	Dan Rothman	USA
<i>Executive Committee Members:</i>	Roberto Carniel	ITALY
	Ute Herzfeld	USA
	Shin-chan Han	USA
	Matthias Holschneider	GERMANY
	Dick Peltier	CANADA
	Daniel Schertzer	FRANCE
	Gordon Swaters	USA
		USA

Union Commission on the Study of the Earth's Deep Interior (SEDI):www.sedigroup.org

<i>Chair:</i>	Satoru Tanaka	JAPAN
<i>Vice-Chair:</i>	Jonathan Aurnou	USA
<i>Secretary:</i>	Mike Bergman	USA
<i>Past Chair:</i>	Gauthier Hulot	FRANCE
<i>Executive Committee Members:</i>	Antonio Castro	SPAIN
	Cathy Constable	USA
	Véronique Dehant	BELGIUM
	Gauthier Hulot	FRANCE
	Dominique Jault	FRANCE
	Thorne Lay	USA
<i>Advisory Committee:</i>	Francis Albarede	FRANCE
	James Badro	FRANCE
	Reinhard Boehler	GERMANY
	Bruce Buffett	USA
	Ondrej Cadek	CZECH REPUBLIC
	Ulrich R. Christensen	GERMANY
	Ibrahim A. Eltayeb	SULTANATE OF OMAN
	Guillaume Fiquet	FRANCE
	Rongshan Fu	CHINA
	Ed Garnero	USA
	Gary Glatzmaier	USA
	Dave Gubbins	UK
	George Helffrich	UK
	Richard Holme	UK
	Catherine Johnson	CANADA
	Chris Jones	UK
	Shun-Ichiro Karato	USA
	Louise Kellogg	USA
	Brian L.N. Kennett	AUSTRALIA
	Masaru Kono	JAPAN
	Kei Kurita	JAPAN
	David Loper	USA
	Guy Masters	USA
	Yongxin Pan	CHINA
	Barbara Romanowicz	USA
	Paul Tackley	SWITZERLAND
	Lev P. Vinnik	RUSSIA
	Kathy Whaler	UK

IUGG Working Group on History

<i>Chair:</i>	Edward Cliver	USA		
<i>Vice-Chair:</i>	Hans Volkert	GERMANY	IACS	
<i>Associations Representatives:</i>	Marc Carey	USA		
	József Ádám	HUNGARY	IAG	
	Edward Cliver	USA	IAGA	
	Maurits Ertsen	THE NETHERLANDS	IAHS	
	Hans Volkert	GERMANY	IAMAS	
	John Gould	UK	IAPSO	
	Roger Musson	UK	IASPEI	
	Grant Heiken	USA	IAVCEI	
	<i>History of Science Advisors:</i>	Ronald Doel	USA	
		Gregory Good	USA	

All scientists within IUGG and all historians of science with interest in geophysics are invited to contribute to WGH. Initial contact the chairperson is to be made via the chairperson.

Inter-Unions Commission

Inter-Unions Commission on the Lithosphere: The International Lithosphere Program

www.scl-ilp.org

<i>President:</i>	Sierd Cloetingh	THE NETHERLANDS	
<i>Secretary General:</i>	Magdalena Scheck-Wenderoth	GERMANY	
<i>Executive Secretary:</i>	Alexander Rudloff	GERMANY	
<i>Bureau Members (Executive):</i>	IUGG: David Jackson	USA	
	IUGG: Kalachand C. Sain	INDIA	
	IUGS: Roland Oberhänsli	GERMANY	
	IUGS and IUGG: Alan Green	SWITZERLAND	
	<i>(Associated):</i>	Jean-Pierre Burg	SWITZERLAND
		Patrick J. McKeever	FRANCE
	Andrey F. Morozov	RUSSIA	
	François Roure	FRANCE	
	Hans Thybo	DENMARK	
<i>(Lifetime):</i>	Mark D. Zoback	USA	
	Harsh Gupta	INDIA	
	Mary von Knorring	SWEDEN	
<i>Past President (ex officio):</i>	Asahiko Taira	JAPAN	
<i>Past Secretary General:</i>	Jörg F.W. Negendank	GERMANY	
<i>Chair of National Members:</i>	Victoria L. Pease	SWEDEN	

IUGG Committees

Capacity Building and Education Committee

<i>Chair:</i>	Laszlo Szarka	HUNGARY
<i>Members:</i>	Nasser Abou-Ashour	EGYPT
	Tomas Halenka	CZECH REPUBLIC
	Jadwiga Anna Jarzyna	POLAND
	Shichang Kang	CHINA
	Gerhard Navratil	AUSTRIA
	José Sellés Martínez	ARGENTINA
	Kathy Whaler	UK

Committee on Membership Issues

<i>Chair:</i>	Ray Cas	AUSTRALIA
<i>Members:</i>	Silvia Blanc	ARGENTINA
	Aksel W. Hansen	DENMARK
	Thirumalachetty Harinarayana	INDIA
	Jiaqi Liu	CHINA
	Fred Spilhaus	USA
	Ali Tealeb	EGYPT

Honours and Recognition Committee

<i>Chair:</i>	Viktor Savinykh	RUSSIA
<i>Members:</i>	Harry Bryden	UK
	Crisan Demetrescu	ROMANIA
	Jianping Li	CHINA

Visioning Committee

<i>Chair:</i>	Eigil Friis-Christensen	DENMARK
<i>Members:</i>	Zhengfu Guo	CHINA
	Alexei Gvishiani	RUSSIA

Ad-hoc group on Visioning

<i>Chair:</i>	Chris Rizos	AUSTRALIA
<i>Members:</i>	Domenico Giardini	SWITZERLAND
	Franz Kuglitsch	GERMANY
	Andrew Mackintosh	NEW ZEALAND
	Mioara Manda	FRANCE

IUGG Ad-hoc Committees

Nominating Committee

<i>Chair:</i>	Uri Shamir	ISRAEL
<i>Members:</i>	Alexei Gvishiani	RUSSIA
	Paola Rizzoli	USA
	Guoxiong Wu	CHINA

Resolution Committee

<i>Chair:</i>	Tom Beer	AUSTRALIA
<i>Members:</i>	Kusumita Arora	INDIA
	Domenico Giardini	SWITZERLAND
	Laura Sanchez	COLOMBIA/GERMANY
	Pierre Hubert	FRANCE

Statutes and By-Laws Committee

<i>Chair:</i>	David J. Kerridge	UK
<i>Members:</i>	Vijay Dimri	INDIA
	Jerome Dyment	FRANCE
	Jeff Freymueller	USA
	JoAnn Joselyn	USA
	Michael Sideris	CANADA

Site Comparison Committee*Chair:*

Setsuya Nakada

JAPAN

Members:

Ian Allison

AUSTRALIA

Alik Ismail-Zadeh

GERMANY

Peter Suhadolc

ITALY

Kathryn Whaler

UK

IUGG Award Committees**Gold Medal Committee***Chair:*

Robert Engdahl

USA

Members:

Claudio Brunini

ARGENTINA

Laura Gallardo

CHILE

Demetris Koutsoyiannis

GREECE

Joan Marti

SPAIN

Lawrence Mysak

CANADA

Olga Solomina

RUSSIA

Mamoru Yamamoto

JAPAN

Alik Ismail-Zadeh

GERMANY

IUGG Fellow Selection Committee*Chair:*

Joyce E. Penner

USA

Members:

Hugo Delgado Granados

MEXICO

Jan Laštovicka

CZECH REPUBLIC

Harald Schuh

GERMANY

Konrad Steffen

SWITZERLAND

Kuni Takeuchi

JAPAN

Isabelle Ansorge

SOUTH AFRICA

Early Career Scientist Award Committee*Chair:*

Jenny Baeseman

NORWAY

Members:

Salvatore Grimaldi

ITALY

Thorne Lay

USA

Satheesh Sheno

INDIA

John Turner

UK

Laszlo Szarka (ex-officio)

HUNGARY

INTERNATIONAL ASSOCIATIONS

IUGG comprises eight semi-autonomous International Associations, each responsible for a specific range of topics or themes within the overall scope of the Union's activities and each with a sub-structure discussed below. The International Associations hold Scientific Assemblies such as those since 1969 listed in Table 4.

The eight International Associations are:

Association Internationale des Sciences Cryosphériques (AISC)
International Association of Cryospheric Sciences (IACS)

Association Internationale de Géodésie (AIG)
International Association of Geodesy (IAG)

Association Internationale de Géomagnétisme et d'Aéronomie (AIGA)
International Association of Geomagnetism and Aeronomy (IAGA)

Association Internationale des Sciences Hydrologiques (AISH)
International Association of Hydrological Sciences (IAHS)

Association Internationale de Météorologie et des Sciences de l'Atmosphère (AIMSA)
International Association of Meteorology and Atmospheric Sciences (IAMAS)

Association Internationale pour les Sciences Physiques des Océans (AISPO)
International Association for the Physical Sciences of the Oceans (IAPSO)

Association Internationale de Séismologie et de Physique de l'Intérieur de la Terre (AISPEIT)
International Association of Seismology and Physics of the Earth's Interior (IASPEI)

Association Internationale de Volcanologie et de Chimie de l'intérieur de la Terre (AIVCIT)
International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

Table 4: Scientific Assemblies of the International Associations

International Association	Year	Meeting Location	Number of Participants
IASPEI	1969	Madrid, Spain	NA
IAGA	1969	Madrid, Spain	475
IAPSO	1970	Tokyo, Japan	602
IASPEI	1973	Lima, Peru	250
IAGA	1973	Kyoto, Japan	613
IAMAP	1974	Melbourne, Australia	596
IAPSO	1974	Melbourne, Australia	596
IAG	1975	Grenoble, France	398
IASPEI	1977	Durham, UK	500
IAVCEI	1977	Durham, UK	500
IAGA	1977	Seattle, USA	950
IAMAP	1977	Seattle, USA	950
IASPEI	1981	London, Canada	448
IAGA	1981	Edinburgh, UK	747
IAMAP	1981	Hamburg, Germany	921
IAG	1982	Tokyo, Japan	200
IAVCEI	1982	Reykjavik, Iceland	190
IAHS	1982	Exeter, UK	530
IAPSO	1982	Halifax, Canada	759
IASPEI	1984	Hyderabad, India	285
IASPEI	1985	Tokyo, Japan	651
IAGA	1985	Praha, Czechoslovakia	994
IAMAP/IAPSO	1985	Hawaii, USA	450
IAHS	1986	Budapest, Hungary	310
IAPSO	1988	Acapulco, Mexico	543
IAG	1989	Edinburgh, UK	NA
IASPEI	1989	Istanbul, Turkey	611
IAGA	1989	Exeter, UK	1200

Table 4 (continued): Scientific Assemblies of the International Associations

International Association	Year	Meeting Location	Number of Participants
IAMAS/IAPSO	1989	Reading, UK	1020
IAHS	1989	Baltimore, USA	440
IASPEI	1990	Nairobi, Kenya	132
IAVCEI	1991	Naples, Italy	800
IAG	1993	Beijing, China	350
IAVCEI	1993	Canberra, Australia	600
IAMAS/IAHS	1993	Yokohama, Japan	450
IAGA	1993	Buenos Aires, Argentina	505
IASPEI	1994	Wellington, New Zealand	483
IAPSO	1995	Hawaii, USA	700
IAG	1997	Rio de Janeiro, Brazil	350
IASPEI	1997	Thessaloniki, Greece	1040
IAVCEI	1997	Puerto Vallarta, Mexico	600
IAGA	1997	Uppsala, Sweden	1200
IAHS	1997	Rabat, Morocco	500
IAMAS/IAPSO	1997	Melbourne, Australia	1100
IAG	2001	Budapest, Hungary	461
IASPEI/IAGA	2001	Hanoi, Vietnam	1078
IAVCEI	2000	Bali, Indonesia	490
IAMAS	2001	Innsbruck, Austria	851
IAHS	2001	Maastricht, The Netherlands	400
IAPSO*	2001	Mar del Plata, Argentina	430
IAVCEI	2004	Pucon, Chile	936
IAG/IAPSO*	2005	Cairns, Australia	724
IAGA	2005	Toulouse, France	886
IAHS	2005	Foz de Iguassu, Brazil	459
IAMAS	2005	Beijing, China	840
IASPEI	2005	Santiago, Chile	360
IAVCEI	2008	Reykjavik, Iceland	907
IASPEI	2009	Cape Town, South Africa	347
IAMAS/IAPSO/IACS	2009	Montreal, Canada	1340
IAGA	2009	Sopron, Hungary	832
IAG	2009	Buenos Aires, Argentina	363
IAHS	2009	Hyderabad, India	500
IACS/IAMAS	2013	Davos, Switzerland	950
IAHS/IAPSO/IASPEI	2013	Gothenburg, Sweden	1087
IAG	2013	Potsdam, Germany	532
IAGA	2013	Merida, Mexico	459
IAVCEI	2013	Kagoshima, Japan	1069

* With the International Association for Biological Oceanography (IABO)

International Association of Cryospheric Sciences (IACS) Association Internationale des Sciences Cryosphériques (AISC)

<http://www.cryosphericsscience.org>

On 4 July 2007, at the XXIVth IUGG General Assembly in Perugia, Italy, the IUGG Council decided to launch the International Association of Cryospheric Sciences (IACS) as the 8th IUGG Association. IACS is now a sister organization to long established Associations such as those for Hydrological Sciences (IAHS), Meteorology and Atmospheric Sciences (IAMAS) and Physical Sciences of the Oceans (IAPSO). The decision by the IUGG Council was mainly reached in recognition of the fact that the study of the Cryosphere has to be seen on equal footing to investigations of other components of the Earth system. With the initiation of IACS, its predecessors, the International Commission for Snow and Ice (ICSI) and the Union Commission on Cryospheric Sciences (UCCS) are superseded.

IACS BUREAU 2013-2015

<i>President:</i>	Charles Fierz	SWITZERLAND
<i>Past President:</i>	Ian Allison	AUSTRALIA
<i>Secretary General:</i>	Andrew Mackintosh	NEW ZEALAND
<i>Vice-Presidents:</i>	Andrés Rivera	CHILE
	Olga Solomina	RUSSIA
	Xiao Cunde	CHINA

IACS DIVISIONS

Division I – Snow and Avalanches:

<i>Head:</i>	Ethan Greene	USA
--------------	--------------	-----

Division II –Glaciers and Ice Sheets:

<i>Head:</i>	Cecilie Rolstad Denby	NORWAY
--------------	-----------------------	--------

Division III – Marine and Freshwater Ice:

<i>Head:</i>	Hiroyuki Enomoto	JAPAN
--------------	------------------	-------

Division IV – Cryosphere, Atmosphere and Climate:

<i>Head:</i>	Valérie Masson Delmotte	FRANCE
--------------	-------------------------	--------

Division V – Planetary and other Ices of the Solar System:

<i>Head:</i>	Ralf Greve	JAPAN
--------------	------------	-------

IACS SERVICES

World Glacier Monitoring Service (WGMS):

<i>Director:</i>	Michael Zemp	SWITZERLAND
------------------	--------------	-------------

JOINT COMMISSIONS

IAVCEI/IACS Commission on Volcano-Ice Interaction

<i>Co-Leaders:</i>	Lucia Capra	MEXICO
	Dave McGarvie	UK
	Tracy Gregg	USA
<i>IACS Liaison:</i>	Andrés Rivera	CHILE

PAST IACS PRESIDENTS

2007-2009	Georg Kaser (Austria)
2009-2013	Ian Allison (Australia)

PAST IACS SECRETARIES GENERAL

2007-2011	Manfred Lange (Germany)
-----------	-------------------------

International Association of Geodesy (IAG) Association Internationale de Géodésie (AIG)

<http://www.iag-aig.org>

In 1862, the “Mitteleuropäische Gradmessung” was founded as the first international scientific association of significance. It expanded to the “Internationale Erdmessung” (Association Géodésique Internationale) in 1886. At the first General Assembly of IUGG (Rome, 2-10 May 1922) it became one of the constituent Sections of the Union. It took its present name at the Stockholm General Assembly of IUGG (1930).

IAG EXECUTIVE COMMITTEE 2011-2015

The IAG Executive Committee consists of the Bureau, the immediate Past President, the Commission Presidents, the Chair of the Global Geodetic Observing System, the President of the Communication and Outreach Branch, three Representatives of the Services, and two Members at Large.

IAG Bureau:

<i>President:</i>	Chris Rizos	AUSTRALIA
<i>Vice-President:</i>	Harald Schuh	GERMANY
<i>Secretary General:</i>	Hermann Drewes	GERMANY

Immediate Past President:

Michael G. Sideris	CANADA
--------------------	--------

Commission Presidents:

<i>Commission 1:</i>	Tonie van Dam	LUXEMBOURG
<i>Commission 2:</i>	Urs Marti	SWITZERLAND
<i>Commission 3:</i>	Richard Gross	USA
<i>Commission 4:</i>	Dorota Greiner-Brzezinska	USA

Chair of the Global Geodetic Observing System (GGOS):

Hansjörg Kutterer	GERMANY
-------------------	---------

President of the Communication and Outreach Branch:

József Ádám	HUNGARY
-------------	---------

Representatives of the IAG Services:

Riccardo Barzaghi	ITALY
Thomas Herring	USA
Ruth E. Neilan	USA

IAG Members at Large:

Claudio Brunini	ARGENTINA
Richard Wonnacott	SOUTH AFRICA

Non-voting Members:

<i>President of the ICCT:</i>	Nico Sneeuw	GERMANY
<i>Assistant Secretary:</i>	Helmut Hornik	GERMANY
<i>IAG Past Presidents:</i>	Helmut Moritz	AUSTRIA
	Ivan I. Mueller	USA
	Wolfgang Torge	GERMANY
	Fernando Sansó	ITALY
	Gerhard Beutler	SWITZERLAND
<i>Past Secretaries General:</i>	Michel Louis	FRANCE
	Claude Boucher	FRANCE
	Carl Christian Tscherning	DENMARK

IAG COMMISSIONS

Commission 1: Reference Frames

President: Tonie van Dam LUXEMBOURG
Vice-President: Gary Johnston AUSTRALIA

Commission 2: Gravity Field

President: Urs Marti SWITZERLAND
Vice-President: Srinivas Bettadpur USA

Commission 3: Earth Rotation and Geodynamics

President: Richard Gross USA
Vice-President: Aleksander Brzezinski POLAND

Commission 4: Positioning and Applications

President: Dorota Greiner-Brzezinska USA
Vice-President: Allison Kealy AUSTRALIA

IAG SERVICES

Bureau Gravimetric International (BGI):

Director: Sylvain Bonvalot FRANCE

Bureau International de Poids et Mesures (BIPM), Time Department:

Director of Department: Elisa Felicitas Arias FRANCE

IAG Bibliography Service (IBS):

Chair: Annekathrin Michlenz GERMANY

International Altimetry Service (IAS):

Chair: Wolfgang Bosch GERMANY

International Centre for Earth Tides (ICET):

Director: Jean-Pierre Barriot FRANCE

International Centre for Global Earth Models (ICGEM):

Director: Franz Barthelmes GERMANY

International Digital Elevation Model Service (IDEMS):

Director: Philippa Berry UK

International DORIS Service (IDS):

Chair Governing Board: Pascal Willis FRANCE
Director Central Bureau: Laurent Soudarin FRANCE

International Earth Rotation and Reference Systems Service (IERS):

Chair of Directing Board: Brian Luzum USA
Director of Central Bureau: Daniela Thaller GERMANY

International Geoid Service (IGeS):

President: Mirko Reguzzoni ITALY
Director: Giovanna Sona ITALY

International Gravity Field Service (IGFS):

Chair: Riccardo Barzaghi ITALY
Director of Central Bureau: Iginio Marson ITALY
Executive Secretary of CB: Franco Coren ITALY

International GNSS Service (IGS):

Chair of Governing Board: Urs Hugentobler GERMANY
Director of Central Bureau: Ruth E. Neilan USA

International Laser Ranging Service (ILRS):

<i>Chair of Governing Board:</i>	Graham Appleby	UK
<i>Director of Central Bureau:</i>	Michael Pearlman	USA
<i>Secretary:</i>	Carey Noll	USA

International Service for Geodesy and Astrometry (IVS):

<i>Chair of Directing Board:</i>	Axel Nothnagel	GERMANY
<i>Director of Coord. Centre:</i>	Dirk Behrend	USA

Permanent Service for Mean Sea Level (PSMSL):

<i>Director:</i>	Lesley J. Rickards	UK
------------------	--------------------	----

IAG GLOBAL GEODETIC OBSERVING SYSTEM (GGOS)

<i>Chair:</i>	Hansjörg Kutterer	GERMANY
<i>Vice-Chair:</i>	Ruth Neilan	USA

IAG INTER-COMMISSION COMMITTEE ON THEORY (ICCT)

<i>President:</i>	Nico Sneeuw	GERMANY
<i>Vice-President:</i>	Pavel Novák	CZECH REPUBLIC

IAG OFFICE**Deutsches Geodätisches Forschungsinstitut (DGFI)**

<i>Secretary General:</i>	Hermann Drewes	GERMANY
<i>Assistant Secretary:</i>	Helmut Hornik	GERMANY

IAG COMMUNICATION AND OUTREACH BRANCH**Hungarian Academy of Sciences (HAS) / Budapest University of Technology and Economics (BUTE)**

<i>President:</i>	József Ádám	HUNGARY
<i>Secretary:</i>	Szabolcs Rózsa	HUNGARY

JOURNAL OF GEODESY

<i>Editor in Chief:</i>	Roland Klees	THE NETHERLANDS
-------------------------	--------------	-----------------

PAST IAG PRESIDENTS

1864-1885	Johann J. Baeyer (Prussia)
1886-1891	Carlos Ibanez de Ibero (Spain)
1892-1902	Hervé Faye (France)
1903-1918	Léon Bassot (France)
1919-1933	William Bowie (USA)
1933-1945	Felix A. Vening Meinesz (The Netherlands)
1945-1951	Walter D. Lambert (USA)
1951-1954	Carl F. Baeschlin (Switzerland)
1954-1957	James de Graaf Hunter (UK)
1957-1960	Gino Cassinis (Italy)
1960-1963	Charles A. Whitten (USA)
1963-1967	Guy Bomford (UK)
1967-1971	Antonio Marussi (Italy)
1971-1975	Yuri D. Boulanger (USSR)
1975-1979	Tauno J. Kukkamäki (Finland)
1979-1983	Helmut Moritz (Austria)
1983-1987	Peter V. Angus-Leppan (Australia)
1987-1991	Ivan I. Mueller (USA)
1991-1995	Wolfgang Torge (Germany)
1995-1999	Klaus-Peter Schwarz (Canada)
1999-2003	Fernando Sansó (Italy)
2003-2007	Gerhard Beutler (Switzerland)
2007-2011	Michael Sideris (Canada)

PAST IAG SECRETARIES GENERAL

1886-1900	Adolph Hirsch (Switzerland)
1900-1918	Hendricus G. Van de Sande-Bakhuisen (The Netherlands)
1919-1945	Georges Perrier (France)
1946-1960	Pierre Tardi (France)
1960-1975	Jean-Jacques Levallois (France)
1975-1991	Michel Louis (France)
1991-1995	Claude Boucher (France)
1995-2007	Carl Christian Tscherning (Denmark)

International Association of Geomagnetism and Aeronomy (IAGA) Association Internationale de Géomagnétisme et d'Aéronomie (AIGA)

<http://www.iugg.org/IAGA/>

At the First IUGG General Assembly (Rome, 1922), the *Section de Magnétisme et Electricité Terrestres* became one of the constituent *sections* of the Union. At the IV IUGG General Assembly (Stockholm, 1930), it became the *International Association of Terrestrial Magnetism and Electricity*. It took its present name at the X IUGG General Assembly (Rome, 1954).

IAGA EXECUTIVE COMMITTEE 2011-2015

<i>President:</i>	Kathryn Whaler	UK
<i>Vice-President:</i>	Eduard Petrovsky	CZECH REPUBLIC
<i>Secretary General:</i>	Mioara Manda	FRANCE
<i>Past President:</i>	Eigil Friis-Christensen	DENMARK
<i>Members:</i>	Archana Bhattacharyya	INDIA
	Iver H. Cairns	AUSTRALIA
	Jeffrey M. Forbes	USA
	Toshihiko Iyemori	JAPAN
	Monika Korte	GERMANY
	László Szarka	HUNGARY
	Andrew Yau	CANADA

IAGA DIVISIONS

IAGA Division I – Internal Magnetic Fields

<i>Chair:</i>	Gauthier Hulot	FRANCE
<i>Co-Chair:</i>	Yasuo Ogawa	JAPAN

Working Group I-1: Theory of Planetary Magnetic Fields and Geomagnetic Secular Variation

<i>Chair:</i>	Matthieu Dumberry	CANADA
<i>Co-Chair:</i>	Ján Simkanin	CZECH REPUBLIC

Working Group I-2: Electromagnetic Induction and Electrical Conductivity

<i>Chair:</i>	Ian Ferguson	CANADA
<i>Co-Chair:</i>	Nikolay Palshin	RUSSIA

Working Group I-3: Palaeomagnetism

<i>Chair:</i>	Emilio Herrero-Bervera	USA
<i>Co-Chair:</i>	Jenny Tait	UK

Working Group I-4: Rock Magnetism

<i>Chair:</i>	Qingsong Liu	CHINA
<i>Co-Chair:</i>	Neli Jordanova	BULGARIA

IAGA Division II – Aeronomic Phenomena

<i>Chair:</i>	Dora Pancheva	BULGARIA
<i>Co-Chair:</i>	Paulo Fagundes	BRAZIL

Working Group II-A: Electrodynamics of the Middle Atmosphere

<i>Chair:</i>	Richard A. Goldberg	USA
<i>Co-Chair:</i>	Martin Füllekrug	UK

Working Group II-C: Meteorological Effects on the Ionosphere

<i>Chair:</i>	Petra Knizova	CZECH REPUBLIC
<i>Co-Chairs:</i>	Erdal Yigit	TURKEY
	Christina Arras	GERMANY

Working Group II-D: External Forcing of the Middle Atmosphere

<i>Chair:</i>	Christoph Jacobi	GERMANY
<i>Co-Chairs:</i>	Katja Matthes	GERMANY
	Nick Pedatella	USA

Working Group II-E: Ionospheric Irregularities, Fields and Waves

<i>Chair:</i>	Paulo Fagundes	BRAZIL
<i>Co-Chair:</i>	Jonathan J. Makela	USA

**Working Group II-F: Long-term Trends in the Mesosphere, Thermosphere and Ionosphere
(IAGA/ICMA/SCOSTEP)**

<i>Chair:</i>	Gufran Beig	INDIA
<i>Co-Chair:</i>	Jan Lastovicka	CZECH REPUBLIC

Working Group II-G: Polar Research

<i>Chair:</i>	Alan Weatherwax	USA
<i>Co-Chair:</i>	Yusuke Ebihara	JAPAN

IAGA/URSI Working Group: (VERSIM) VLF/ELF Remote Sensing of the Ionosphere and Magnetosphere

<i>IAGA Chair:</i>	Jacob Bortnik	USA
<i>Co-Chair:</i>	Janos Lichtenberger	HUNGARY

IAGA Division III – Magnetospheric Phenomena

<i>Chair:</i>	Larry Kepko	USA
<i>Co-Chair:</i>	Clare Watt	CANADA

Working Group on ULF Waves in Magnetosphere

<i>Chair:</i>	Dong-Hun Lee	KOREA
---------------	--------------	-------

IAGA Division IV – Solar Wind & Interplanetary Field

<i>Chair:</i>	Xing Li	UK
<i>Co-Chair:</i>	John Richardson	USA

IAGA Division V – Geomagnetic Observatories, Surveys & Analysis

<i>Chair:</i>	Alan W.P. Thomson	UK
<i>Co-Chair:</i>	Pieter Kotzé	SOUTH AFRICA

Working Group V-OBS: Geomagnetic Observation

<i>Chair:</i>	Pavel Hejda	CZECH REPUBLIC
<i>Co-Chair:</i>	Arnaud Chulliat	FRANCE

Working Group V-DAT: Geomagnetic Data and Indices

<i>Chair:</i>	Renata Lukianova	RUSSIA
<i>Co-Chair:</i>	Masahito Nose	JAPAN

Working Group V-MOD: Geomagnetic Field Modeling

<i>Chair:</i>	Christopher Finlay	DENMARK
<i>Co-Chair:</i>	Erwan Thebault	FRANCE

IAGA Inter-divisional Commissions**Inter-divisional Commission on Developing Countries**

<i>Chair:</i>	Inez S. Batista	BRAZIL
<i>Co-Chairs:</i>	Pieter Kotzé	SOUTH AFRICA
	K. Veera Swamy	INDIA

Inter-divisional Commission on History

<i>Chair:</i>	Ronald Doel	USA
<i>Co-Chair:</i>	David Boteler	CANADA

Inter-divisional Commission on Education and Outreach

<i>Chair:</i>	Eduard Petrovskyt	
---------------	-------------------	--

IAGA - Joint Interassociation Working Groups**IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV)**

<http://www.emsev-iugg.org/emsev/>

<i>Chair:</i>	Jacques Zlotnicki	FRANCE
<i>Vice-Chair:</i>	Malcolm Johnston	USA
<i>Secretary:</i>	Toshiyasu Nagao	JAPAN
<i>Past Chair:</i>	Seiya Uyeda	JAPAN
<i>IAGA Liaison:</i>	Jann-Yenq Liu	CHINA-TAIPEI
<i>IAGA WG I-2</i>	Tirumalachetty Harinarayana	INDIA
<i>Liaison:</i>		

IASPEI/IAPSO/IAGA International Ocean Network (ION)

<i>Chair:</i>	Yoshiyuki Kaneda	JAPAN
<i>Secretary:</i>	Heinrich Villinger	GERMANY
<i>IAGA Liaison:</i>	Hisashi Utada	JAPAN

PAST IAGA PRESIDENTS

1919-1922	Aikitsu Tanakadate (Japan)
1922-1927	Charles Chree (UK)
1927-1930	Louis A. Bauer (USA)
1930-1948	John A. Fleming (USA)
1948-1951	Sydney Chapman (UK)
1951-1954	Jean Coulomb (France)
1954-1957	Julius Bartels (F.R. Germany)
1957-1960	Joseph Kaplan (USA)
1960-1963	Viggo Laursen (Denmark)
1963-1967	Marcelle Nicolet (Belgium)
1967-1971	Takesi Nagata (Japan)
1971-1975	Valery A. Troitskaya (USSR)
1975-1979	Juan G. Roederer (USA)
1979-1983	Keith D. Cole (Australia)
1983-1987	Denis I. Gough (Canada)
1987-1991	Roger E. Gendrin (France)
1991-1995	D. J. Williams (USA)
1995-1999	Masaru Kono (Japan)
1999-2003	David J. Kerridge (UK)
2003-2007	Charles Barton (Australia)
2007-2011	Eigil Friis-Christensen (Denmark)

PAST IAGA GENERAL SECRETARIES

1919-1927	Louis A. Bauer (USA)
1927-1933	Charles Maurain (France)
1933-1936	Dan La Cour (Denmark)
1936-1939	A.H.R. Goldie (UK)
1939-1951	J. Wallace Joyce (USA)
1951-1957	Viggo Laursen (Denmark)
1957-1963	Josep O. Cardus (Spain)
1963-1975	Leroy Alldredge (USA)
1975-1983	Naoshi Fukushima (Japan)
1983-1995	Michael Gadsden (UK)
1995-1999	JoAnn Joselyn (USA)
1999-2001	Herbert W. Kroehl (USA)
2001-2009	Bengt Hultqvist (Sweden)

International Association of Hydrological Sciences (IAHS) Association Internationale des Sciences Hydrologiques (AISH)

<http://iahs.info>

At the First IUGG General Assembly (Rome, 1922), the *Section d'Hydrologie Scientifique* became one of the constituent sections of the Union. At the IV IUGG General Assembly (Stockholm, 1930) it became the *International Association of Scientific Hydrology*. It took its present name at the XV IUGG General Assembly (Moscow, 1971).

IAHS OFFICERS, 2013-2015

<i>President:</i>	Hubert Savenije	THE NETHERLANDS
<i>Past President:</i>	Gordon Young	CANADA
<i>Vice-Presidents:</i>	Denis Hughes	SOUTH AFRICA
	Lilang Ren	CHINA
	Thorsten Wagener	UK
<i>Secretary General:</i>	Christophe Cudenec	FRANCE
<i>Treasurer:</i>	Chuck Onstad	USA
<i>Editors:</i>	Zbigniew W. Kundzewicz	POLAND
	Demetris Koutsoyiannis	GREECE
<i>Chair IAHS Ltd.:</i>	Des E. Walling	UK

IAHS INTERNATIONAL COMMISSIONS

International Commission on Continental Erosion (ICCE)

<i>President:</i>	Michael Stone	CANADA
<i>Vice-Presidents:</i>	Kazimierz Banasik	POLAND
	Adrian Collins	UK
	Xinbao Zhang	CHINA
<i>Secretary:</i>	Paolo Porto	ITALY
<i>Past President:</i>	Valentin Golosov	RUSSIA

International Commission on Coupled Land-Atmosphere Systems (ICCLAS)

<i>President:</i>	Eva Boegh	DENMARK
<i>Vice-Presidents:</i>	Paul Houser	USA
	Harald Kunstmann	GERMANY
	Koray Yilmaz	TURKEY
<i>Secretary:</i>	Dawen Yang	CHINA
<i>Past President:</i>	Stewart Franks	AUSTRALIA

International Commission on Groundwater (ICGW)

<i>President:</i>	Jim Butler	USA
<i>Vice-Presidents:</i>	Corinna Abesser	UK
	Heidi Barlebo	DENMARK
	René Therrien	CANADA
<i>Secretary:</i>	Gunnar Nützmann	GERMANY
<i>Past President:</i>	Chunmiao Zheng	USA

International Commission on Remote Sensing (ICRS)

<i>President:</i>	Christopher Neale	USA
<i>Vice-Presidents:</i>	Frédérique Seyler	FRANCE
	Simon Stisen	DENMARK
	Zhongbo (Bob) Su	THE NETHERLANDS
<i>Secretary:</i>	Yangbo Chen	CHINA
<i>Past President:</i>	Ian Cluckie	UK

International Commission on Statistical Hydrology (ICSH)

<i>President:</i>	Salvatore Grimaldi	ITALY
<i>Vice-Presidents:</i>	Ebru Eris	TURKEY
	Emna Gargouri	TUNISIA
	Simon-Michael Papalexiou	GREECE
	Uwe Haberlandt	GERMANY
<i>Secretary:</i>	Sander Vandenberghe	BELGIUM

International Commission on Snow and Ice Hydrology (ICSIH)

President: Danny Marks USA
Vice-Presidents: Alexander Gelfan RUSSIA
 Tesuya Hiyama JAPAN
 Tobias Jonas SWITZERLAND
Secretary: Regine Hock USA
Past President: John Pomeroy CANADA

International Commission on Surface Water (ICSW)

President: Hafzullah Aksoy TURKEY
Vice-Presidents: Walter Collischonn BRAZIL
 David Hannah UK
 Hege Hisdal NORWAY
Secretary: Yan Huang CHINA
Past President: Eric Servat FRANCE

International Commission on Tracers (ICT)

President: Piotr Maloszewski GERMANY
Vice-Presidents: Maki Tsujimura JAPAN
 Zhonghe Pang CHINA
 Josep Mas-Pla SPAIN
Secretary: Przemyslaw Wachniew POLAND

International Commission on Water Quality (ICWQ)

President: Kate Heal UK
Vice-Presidents: Matt Hipsey AUSTRALIA
 Per Stålnacke NORWAY
 Lakshmanan Elango INDIA
Secretary: Wouter Buytaert UK

International Commission on Water Resources Systems (ICWRS)

President: Alberto Montanari ITALY
Vice-Presidents: George Kuczera AUSTRALIA
 Andreas Schumann GERMANY
 Zongxue Xu CHINA
Secretary: Nick van de Giesen THE NETHERLANDS
Past President: Günter Blöschl AUSTRIA

IAHS WORKING GROUPS

Prediction in Ungauged Basins (PUB)

Chair: Hubert Savenije THE NETHERLANDS

“Panta Rhei – Everything Flows” -Change in Hydrology and Society

Chair: Alberto Montanari ITALY

Education

Chair: Thorsten Wagener UK

Precipitation

Chair: Daniel Schertzer FRANCE

MOXXI (Measurements and Observations in the XXIst century)

Chair: Rolf Hut THE NETHERLANDS

IAHS TASK FORCE

Developing Countries

Chair: Denis Hughes SOUTH AFRICA

PAST IAHS PRESIDENTS

1922-1933	E. Wade (UK)
1933-1936	Jan Smetana (Czechoslovakia)
1936-1947	Otto Lütschg (Switzerland)
1947-1948	Gustaf Slettenmark (Sweden)
1948-1951	Merrill Bernard (USA)
1951-1957	Johannes T. Thijsse (The Netherlands)
1957-1960	Harold G. Wilm (USA)
1960-1963	W. Friedrich (F.R. Germany)
1963-1967	Adriaan Volker (The Netherlands)
1967-1970	Károly Szeztay (Hungary)
1970-1971	William C. Ackermann (USA)
1971-1975	Jean Rodier (France)
1975-1979	James C.I. Dooge (Ireland)
1979-1983	Mark F. Meier (USA)
1983-1987	György Kovacs (Hungary)
1987-1991	Vit Klemes (Canada)
1991-1995	Uri Shamir (Israel)
1995-2001	John C. Rodda (UK)
2001-2005	Kuniyoshi Takeuchi (Japan)
2005-2009	Arthur Askew (Australia)
2009-2013	Gordon Young (Canada)

PAST IAHS SECRETARIES GENERAL

1922-1933	Giovanni Magrini (Italy)
1933-1947	Frédéric Diénert (France)
1947-1948	Auguste Vibert (France)
1948-1971	Léon J. Tison (Belgium)
1971-1975	György Kovacs (Hungary)
1975-1979	Jean Rodier (France)
1979-1987	John C. Rodda (UK)
1987-1995	Henny J. Colenbrander (The Netherlands)
1995-2000	Gordon J. Young (Canada)
2000-2011	Pierre Hubert (France)

International Association of Meteorology and Atmospheric Sciences (IAMAS) Association Internationale de Météorologie et des Sciences de l'Atmosphère (AIMSA)

<http://www.iamas.org/>

Right at the start of IUGG in July 1919, the *Section de Météorologie* became one of the constituent *sections* of the Union. At the fourth IUGG General Assembly (Stockholm, 1930) it became the *International Association of Meteorology*. It was renamed *International Association of Meteorology and Atmospheric Physics* at the eleventh IUGG General Assembly (Toronto, 1957) and, more general, *International Association of Meteorology and Atmospheric Sciences* in 1993.

IAMAS EXECUTIVE COMMITTEE 2011-2015

<i>President:</i>	Athena Coustenis	FRANCE
<i>Vice-Presidents:</i>	Joyce E. Penner	USA
	John Turner	UK
<i>Past President:</i>	Guoxiong Wu	CHINA
<i>Secretary General:</i>	Hans Volkert	GERMANY
<i>Assistant Secretary General (not voting):</i>	Zheng (Jenny) Lin	CHINA
<i>Members at large:</i>	Ernest Hugo Berbery	USA / ARGENTINA
	Vladimir Kattsov	RUSSIA
	Daren Lu	CHINA
	Colin Price	ISRAEL
	Tetsuzo Yasunari	JAPAN
<i>Commission presidents (ex officio):</i>	see below	see below

IAMAS COMMISSIONS

Atmospheric Chemistry and Global Pollution (ICACGP)

<http://www.icacgp.org>

<i>President:</i>	John P. Burrows	GERMANY
<i>Vice-President:</i>	Laura Gallardo Klenner	CHILE
<i>Secretary:</i>	Frank Dentener	ITALY

Atmospheric Electricity (ICAE)

<http://icae.jp/>

<i>President:</i>	Zen Kawasaki	JAPAN
<i>Secretary:</i>	Dahong Wang	JAPAN / CHINA

Climate (ICCL)

<http://www.iccl-iamas.net>

<i>President:</i>	Neil Holbrook	AUSTRALIA
<i>Secretary:</i>	Jianping Li	CHINA

Clouds and Precipitation (ICCP)

<http://www.iccp-iamas.org>

<i>President:</i>	Andrea Flossmann	FRANCE
<i>Vice-President:</i>	Robert Rauber	USA
<i>Secretary:</i>	Darrel Baumgardner	MEXICO

ICCP - Committee on Nucleation and Atmospheric Aerosols

<http://www.icnaa.org>

<i>Co-Chairs:</i>	Colin O'Dowd	IRELAND
	Paul DeMott	USA

Dynamic Meteorology (ICDM)

<http://icdm.atm.ucdavis.edu/ICDM.html>

<i>President:</i>	Richard Swinbank	UK
<i>Secretary:</i>	Richard Grotjahn	USA

Middle Atmosphere (ICMA)<http://www.icma-iamas.org>

<i>President:</i>	Daniel Marsh	USA
<i>Vice-President:</i>	Ulrike Langematz	GERMANY

Ozone (IO₃C)<http://ioc.atmos.illinois.edu>

<i>President:</i>	Christos Zerefos	GREECE
<i>Vice-President:</i>	Richard Stolarski	USA
<i>Secretary:</i>	Sophie Godin-Beekmann	FRANCE
<i>Director of Information:</i>	Donald Wuebbles	USA

Planetary Atmospheres and their Evolution (ICPAE)<http://www.atm.ox.ac.uk/icpae/>

<i>President:</i>	Sanjay Limaye	USA
<i>Vice-President:</i>	Leigh Fletcher	UK
<i>Secretary:</i>	Darrell Strobel	USA

Polar Meteorology (ICPM)<http://www.icpm-iamas.aq>

<i>President:</i>	Tom Lachlan-Cope	UK
<i>Secretary:</i>	Matthew Lazarra	USA

Radiation (IRC)<http://www.irc-iamas.org>

<i>President:</i>	Werner Schmutz	SWITZERLAND
<i>Vice-President:</i>	Byung-Ju Sohn	KOREA
<i>Secretary:</i>	Peter Pilewskie	USA

PAST IAMAS PRESIDENTS

1919-1930	William Napier Shaw (UK)
1930-1936	Axel Wallen (Sweden)
1936-1948	Sidney Chapman (UK)
1948-1951	Jacob Bjerknes (USA)
1951-1954	Kalpathi R. Ramanathan (India)
1954-1957	Carl-Gustaf Rossby (Sweden)
1957-1960	Jacques van Mieghem (Belgium)
1960-1963	Horace R. Byers (USA)
1963-1967	Alexei M. Oboukhov (USSR)
1967-1971	Reginald C. Sutcliffe (UK)
1971-1975	Sigmund Fritz (USA)
1975-1979	Christian Junge (F.R.Germany)
1979-1983	Warren L. Godson (Canada)
1983-1987	Hans-Jürgen Bolle (Austria)
1987-1991	G. Brian Tucker (Australia)
1991-1995	Brian J. Hoskins (UK)
1995-1999	Robert A. Duce (USA)
1999-2003	Huw C. Davies (Switzerland)
2003-2007	Michael C. MacCracken (USA)
2007-2011	Guoxiong Wu (China)

PAST IAMAS SECRETARIES GENERAL

1919-1922	Charles F. Marvin (USA)
1922-1927	Filippo Eredia (Italy)
1927-1936	Philippe Wehrlé (France)
1936-1948	Jacob Bjerknes (USA)
1948-1954	Jacques van Mieghem (Belgium)
1954-1960	Reginald C. Sutcliffe (UK)
1960-1975	Warren L. Godson (Canada)
1975-1987	Stanley Ruttenberg (USA)
1987-1995	Michael Kuhn (Austria)
1995-2007	Roland List (Canada)

International Association for the Physical Sciences of the Oceans (IAPSO) Association Internationale pour les Sciences Physiques des Océans (AISPO)

<http://iapso.iugg.org>

At the First IUGG General Assembly (Rome, 1922), the *Section d'Océanographie* became one of the constituent Sections of the Union. At the IV IUGG General Assembly (Stockholm, 1930) it became the *International Association of Physical Oceanography*. It took its present name at the XIV IUGG General Assembly (Zurich, 1967).

IAPSO BUREAU 2011 – 2015

<i>President:</i>	Evgeny G. Morozov	RUSSIA
<i>Past President:</i>	Lawrence Mysak	CANADA
<i>Secretary General:</i>	Johan Rodhe	SWEDEN
<i>Treasurer:</i>	Fred E. Camfield	USA

IAPSO EXECUTIVE COMMITTEE 2011 – 2015

<i>Vice-Presidents:</i>	Isabelle Ansorge	SOUTH AFRICA
	Denise Smythe-Wright	UK
<i>Members:</i>	Silvia Blanc	ARGENTINA
	Toshiyuki Hibiya	JAPAN
	Chris Meinen	USA
	Ken Ridgway	AUSTRALIA
	Satheesh Chandra Shenoi	INDIA
	Stefania Sparnocchia	ITALY

IAPSO COMMISSIONS

Mean Sea Level & Tides

<i>President:</i>	Gary T. Mitchum	USA
<i>Vice-President:</i>	Simon Holgate	UK

JOINT COMMISSIONS & WORKING GROUPS

IAPSO/IASPEI/IAVCEI Joint Tsunami Commission

<i>Chair:</i>	Vasily V. Titov	USA
<i>Vice-Chairs:</i>	Fumihiko Imamura	JAPAN
	Ahmet Yalciner	TURKEY
<i>Secretary:</i>	Phil Cummins	AUSTRALIA
<i>IAPSO Representative:</i>	Efim Pelinovsky	RUSSIA

IASPEI/IAPSO/IAGA International Ocean Network (ION)

<i>Chair:</i>	Yoshiyuki Kaneda	JAPAN
<i>Secretary:</i>	Heinrich Villinger	GERMANY
<i>IAPSO Representative:</i>	Satheesh Chandra Shenoi	INDIA

IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC)

<i>Chair:</i>	Yuri Popov	RUSSIA
<i>Vice-Chair:</i>	Shaopeng Huang	CHINA / USA
<i>Past Chair:</i>	Christoph Clauser	GERMANY
<i>Secretary:</i>	Sukanta Roy	INDIA
<i>Vice-Secretary:</i>	Heinrich Villinger	GERMANY

SCOR/IAPSO Working Group 133: OceanScope

<i>Co-Chairs:</i>	Tom Rossby	USA
	Kuh Kim	Korea

SCOR/WCRP/ IAPSO Working Group 136 on the Climatic Importance of the Greater Agulhas Current System

<i>Chairs:</i>	Lisa Beal	USA
	Arne Biastoch	GERMANY

Joint Committee on the Properties of Seawater, JCS (with SCOR and IAPWS)

<i>Chair:</i>	Rich Pawlowicz	CANADA
<i>Vice-Chairs:</i>	Trevor McDougall	AUSTRALIA
	Rainer Feistel	GERMANY

SERVICES**Permanent Service for Mean Sea Level (to be affiliated to the World Data System of ICSU)**<http://www.psmsl.org>

<i>Director:</i>	Lesley J. Rickards	UK
<i>IAPSO Liaison:</i>	Philip L. Woodworth	UK

IAPSO Standard Seawater Service

<i>Director:</i>	Paul S. Ridout	UK
------------------	----------------	----

PAST IAPSO PRESIDENTS

1919-1922	S.A.S. Prince Albert 1 ^{er} (Monaco)
1924-1930	Odón de Buen (Spain)
1930-1936	Martin Knudsen (Denmark)
1936-1946	Bjørn Helland-Hansen (Norway)
1946-1951	Harald U. Sverdrup (Norway)
1951-1954	Joseph Proudman (UK)
1954-1960	Håkon Mosby (Norway)
1960-1963	George E.R. Deacon (UK)
1963-1967	Roger Revelle (USA)
1967-1970	Günter Dietrich (F.R. Germany)
1970-1975	Henri Lacombe (France)
1975-1979	Robert W. Stewart (Canada)
1979-1983	Devendra Lal (India)
1983-1987	Wolfgang M. Krauss (F.R. Germany)
1987-1991	James J. O'Brien (USA)
1991-1995	Robin D. Muench (USA)
1995-1999	L.Vere Shannon (South Africa)
1999-2003	Paola Rizzoli (Italy/USA)
2003-2007	Shiro Imawaki (Japan)
2007-2011	Lawrence Mysak (Canada)

PAST IAPSO SECRETARIES GENERAL

1919-1930	Giovanni Magrini (Italy)
1930-1933	Rolf Witting (Finland)
1933-1948	Joseph Proudman (UK)
1948-1954	Håkon Mosby (Norway)
1954-1957	Richard H. Fleming (USA)
1957-1963	Börje Kullenberg (Sweden)
1963-1967	Ilmo Hela (Finland)
1967-1970	Arthur E. Maxwell (USA)
1970-1987	Eugene C. LaFond (USA)
1987-1995	Robert E. Stevenson (USA)
1995-2007	Fred E. Camfield (USA)

International Association of Seismology and Physics of the Earth's Interior (IASPEI)

Association Internationale de Séismologie et de Physique de l'Intérieur de la Terre (AISPIT)

<http://www.iaspei.org>

At the Sixth International Congress of Geography (London, 1895), Professor G. Gerland (Germany) pointed out the necessity of an international cooperation in seismology. At the Seventh Congress (Berlin, 1899) a *Commission séismologique permanente* was created. The first meeting of the Commission was held in Strasbourg in 1901 under the name of *Première Conférence Séismologique Internationale*. Subsequent conferences were held in Strasbourg (1903) and Berlin (1905). The *Association Internationale de Séismologie* was created at the Strasbourg meeting. It consisted of a *Bureau* and of a *Commission Permanente*. The latter met in Rome (1906), The Hague (1907), Zermatt (1910), Manchester (1911), and Strasbourg (1922). General Assemblies were held jointly in The Hague, Manchester, and Strasbourg. The Association was dissolved by the Strasbourg General Assembly. At the first IUGG General Assembly (Rome, 1922), it became one of the constituent Sections of the Union. It changed its name to *International Association of Seismology* at the IV IUGG General Assembly (Stockholm, 1930). It took its present name at the IX IUGG General Assembly (Bruxelles, 1951). For a detailed account of the history of the International Association of Seismology and Physics of the Earth's Interior, see: J.H. Hodgson, *Our Association, its Past as a Guide to its Future*, published in *Comptes Rendus de l'AISPIT*, n15, Première Partie, pp. 12-28, and *Fifty Years of the International Association of Seismology (1901-1951)* by J.-P. Rothé (18 pages).

IASPEI BUREAU 2011 – 2015

<i>President:</i>	Domenico Giardini	SWITZERLAND
<i>First Vice-President:</i>	Ian Jackson	AUSTRALIA
<i>Second Vice-President:</i>	Thorne Lay	USA
<i>Secretary General/Treasurer:</i>	Peter Suhadolc	ITALY
<i>Assistant Secretary:</i>	Johannes Schweitzer	NORWAY

IASPEI EXECUTIVE COMMITTEE 2011 – 2015

<i>Members:</i>	Marcelo Assumpção	BRAZIL
	Kenji Satake	JAPAN
	Michelle Grobelaar	SOUTH AFRICA
	Alexey Zavyalov	RUSSIA
<i>Past President:</i>	Zhongliang Wu	CHINA

IASPEI COMMISSIONS

Commission on Tectonophysics and Crustal Structure

<i>Chair:</i>	Kevin Furlong	USA
---------------	---------------	-----

Task Group on Active Monitoring

<i>Chair:</i>	Mineo Kumazawa	JAPAN
<i>Co-Chairs:</i>	Victor Seleznev	RUSSIA
	Junzo Kasahara	JAPAN

Task Group on Seismic Imaging of the Lithosphere

<i>Chair:</i>	Walter D. Mooney	USA
---------------	------------------	-----

Task Group on World Stress Map Project

<i>Chair:</i>	Oliver Heidbach	GERMANY
---------------	-----------------	---------

Commission on Earthquake Hazard, Risk & Strong Ground Motion (SHR)

<i>Chair:</i>	Mohsen Ghafory-Ashtiany	IRAN
---------------	-------------------------	------

Working Group on Earthquake Predictability

<i>Co-Chairs:</i>	David D. Rhoades	NEW ZEALAND
	David Jackson	USA

IASPEI/IAEE Joint Working Group on Effects of Surface Geology on Strong Ground Motion

<i>Co-Chairs:</i>	Hiroshi Kawase	JAPAN
	Jacobo Bielak	USA

ASC/SHR Joint Working Group on Seismic Hazard & Risk Assessment for Asian-Pacific Regions

<i>Co-Chairs:</i>	Fabio Romanelli	ITALY
	Gary Gibson	AUSTRALIA

Working Group on Earthquake Loss Estimates, Real-Time and Scenario Mode Worldwide*Chair:* Max Wyss SWITZERLAND**Commission on Earth Structure & Geodynamics***Co-Chairs:* Greg Houseman UK
Thorne Lay USA**Working Group on Reference Earth Models***Chair:* Gabi Laske USA**Commission on Seismological Observation & Interpretation (CoSOI)***Chair:* Thomas Meier GERMANY
Secretary: Peter Bormann GERMANY**Task Group on Seismic Scattering & Heterogeneity***Chair:* Michael Korn GERMANY**Working Group on Utilization of Global 3-D Models for Seismic Observatory Applications***Chair:* Steve C. Myers USA**Working Group on Magnitude Measurements***Co-Chairs:* James W. Dewey USA
Peter Bormann GERMANY**Working Group on New Manual of Seismological Observatory Practice***Chair:* Peter Bormann GERMANY**Working Group on Triggered and Induced Seismicity***Chair:* Stanislaw Lasocki POLAND**Working Group on Historical Seismicity***Co-Chairs:* Paola Albini ITALY
Katsuhiko Ishibashi JAPAN**Task Group on Definition of Authoritative Locations***Chair:* Remy Bossu FRANCE**Commission on Earthquake Sources – Modelling and Monitoring for Prediction***Chair:* Vladimir Smirnov RUSSIA**Commission on Education & Outreach***Co-Chairs:* Matthias Ohrnberger GERMANY
John Taber USA**INTER-ASSOCIATION ACTIVITIES****IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC)***Chair:* Yuri Popov RUSSIA
Vice-Chair: Shaopeng Huang CHINA
Past Chair: Christoph Clauser GERMANY
Secretary: Sukanta Roy INDIA
Vice-Secretary: Heiner Villinger GERMANY**IASPEI/IAVCEI Commission on Physics & Chemistry of Earth Materials***Chair:* Jiuju Chen USA**IASPEI/IAVCEI Joint Commission on Volcano Seismology***Chair:* Jurgen Neuberg UK**IAPSO/IASPEI/IAVCEI Joint Tsunami Commission***Chair & IASPEI Representative:* Vasily V. Titov USA
Vice-Chairs: Fumihiko Imamura JAPAN
Ahmet Yalciner TURKEY
Secretary: Phil Cummins AUSTRALIA

IASPEI/IAVCEI Working Group on Subduction Zones Located in Developing Countries (SZLDC)

Chair: Raymond P. Maximo USA
Vice-Chair: Jorge E. Clavero CHILE

IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes & Volcanoes (EMSEV)

<http://www.emsev-iugg.org/emsev/>

Chair: Jacques Zlotnicki FRANCE
Vice-Chair and IASPEI Liaison: Malcolm J.S. Johnston USA
Secretary: Toshiyasu Nagao JAPAN
Past Chair: Seiya Uyeda JAPAN

IASPEI/IAPSO/IAGA International Ocean Network (ION)

Chair: Yoshiyuki Kaneda JAPAN
Secretary: Heinrich Villinger GERMANY

FURTHER GROUPS WITH IASPEI COMMISSION STATUS

International Federation of Digital Seismograph Networks (FDSN)

Chair: Goran Ekström USA

European Seismological Commission (ESC)

President: Alexey Zavyalov RUSSIA
Vice-President: Murat Nurlu TURKEY
Secretary General: Mariano Garcia Fernandez SPAIN
Assistant Secretary: Stefano Parolai GERMANY

Asian Seismological Commission (ASC)

President: Gary Gibson AUSTRALIA
First Vice-President: Yun-tai Chen CHINA
Second Vice-President: Bartolome C. Bautista PHILIPPINES
Secretary General: Rajenda Kumar Chadha INDIA

African Seismological Commission (AfSC)

Secretary General: Michelle Grobbelaar SOUTH AFRICA

International Commission on Earth Sciences in Africa (ICESA)

Chair: Atalay Ayele ETHIOPIA

Latin American and Caribbean Seismological Commission (LACSC)

President: Carlos Vargas COLOMBIA
First Vice-President: Nora Sabbione ARGENTINA
Secretary General: Marcelo Assumpção BRAZIL

IASPEI REPRESENTATIVES TO OTHER GROUPS

IAU/IUGG Working Group on Non-Rigid Earth Nutations

Representative: Bruce A. Buffett USA

ISC Executive Committee

Representative: Oleg Y. Starovoit RUSSIA

IUGG Committee on Mathematical Geophysics

Representative: Malcolm Sambridge AUSTRALIA

IUGG GeoRisk Commission

Representative: David Jackson USA

SCAR (Solid Earth Geophysical Working Group)

Representative: Saurabh K. Verma INDIA

PAST IASPEI PRESIDENTS

1907	Luigi Palazzo (Italy)
1907-1911	Arthur Schuster (UK)
1911-1916	Boris Galitzin (Russia)
1916-1922	Georges Lecointe (Belgium)
1922-1930	Herbert H. Turner (UK)
1930-1936	Emilio Oddone (Italy)
1936-1940	Nicholas H. Heck (USA)
1940-1951	Robert Stoneley (UK)
1951-1954	Beno Gutenberg (USA)
1954-1957	Keith E. Bullen (Australia)
1957-1960	Harold Jeffreys (UK)
1960-1963	Perry Byerly (USA)
1963-1967	John Hodgson (Canada)
1967-1971	Kiyoo Wadati (Japan)
1971-1975	Vladimir A. Magnitsky (USSR)
1975-1979	Hans Berckhemer (F.R. Germany)
1979-1983	Bruce A. Bolt (USA)
1983-1987	Ziro Suzuki (Japan)
1987-1991	Stephan Müller (Switzerland)
1991-1995	Alexei V. Nikolaev (Russia)
1995-1999	Claude Froidevaux (France)
1999-2003	Brian L.N. Kennett (Australia)
2003-2007	E. Robert Engdahl (USA)
2007-2011	Zhongliang Wu (China)

PAST IASPEI SECRETARIES GENERAL

1907-1922	Radó de Kovesligethy (Hungary)
1922-1942	Edmond Rothé (France)
1942-1971	Jean P. Rothé (France)
1971-1979	Jean-Claude de Bremaecker (USA)
1979-1991	Robin D. Adams (UK)
1991-2003	E. Robert Engdahl (USA)

International Association of Volcanology and Chemistry of the Earth's Interior (IAVCEI)

Association Internationale de Volcanologie et de Chimie de l'Intérieur de la Terre (AIVCIT)

<http://www.iavcei.org>

At the First General Assembly of IUGG (Rome, 2-10 May 1922), the *Section de Vulcanologie* became one of the constituent sections of the Union. This name was changed into *Association Internationale de Vulcanologie* at the Fourth General Assembly (Stockholm 1930). It took its present name at the Moscow General Assembly (1971).

IAVCEI BUREAU

<i>President:</i>	Ray Cas	AUSTRALIA
<i>Vice-Presidents:</i>	Stephen Self	USA/UK
	Hugo Delgado	MEXICO
<i>Secretary General:</i>	Joan Marti	SPAIN
<i>Members:</i>	Greg Valentine	USA
	Patricia Mothes	ECUADOR
	Karoly Nemeth	NEW ZEALAND
	Hiroshiu Shinohara	JAPAN
<i>Past President:</i>	Setsuya Nakada	JAPAN
<i>Editor, Bulletin of Volcanology:</i>	James D.L. White	NEW ZEALAND
<i>Webmaster & Membership Secretariat:</i>	Adelina Geyer	SPAIN

IAVCEI COMMISSIONS

Commission on the Chemistry of Volcanic Gases

<i>Co-Leaders:</i>	Patrick Allard	FRANCE
	Giovanni Chiodini	ITALY
<i>Secretary:</i>	Felipe Aguilera Barazza	CHILE

Committee on Cities and Volcanoes

<i>Leader:</i>	Graham Leonard	NEW ZEALAND
<i>Secretary:</i>	Tom Wilson	NEW ZEALAND

Commission on Statistics in Volcanology

<i>Leader:</i>	Mark Bebbington	NEW ZEALAND
----------------	-----------------	-------------

Commission on Collapse Calderas

<i>Co-Leaders:</i>	Valerio Acocella	ITALY
	Nobuo Geshi	JAPAN

Commission on Explosive Volcanism

<i>Co-Leaders:</i>	Amanda Clarke	USA
	Lucia Gurioli	FRANCE

Commission on Large Igneous Provinces

<i>Chair:</i>	Richard E. Ernst	CANADA
<i>Vice Chairs:</i>	Ingrid Ukstins Peate	USA
	Mike Widdowson	UK

Commission on Monogenetic Volcanism

<i>Coordinators:</i>	Karoly Nemeth	NEW ZEALAND
	Ian E. Smith	NEW ZEALAND
	Adrian Pittari	NEW ZEALAND

Commission on Remote Sensing

<i>Chair:</i>	Fred Prata	NORWAY
<i>Secretary:</i>	Simon Carn	USA

Commission on Submarine Volcanism

<i>Leader:</i>	R. Carey	AUSTRALIA
----------------	----------	-----------

Commission on Tephra Hazard Modelling

Co-Leader: Arnau Folch SPAIN
Secretary: Raffaello Cioni ITALY

Commission on Volcanic Lakes

Leader: Dimitry Rouwet USA
Secretary: Takeshi Ohba JAPAN
Webmaster: Alain Bernard BELGIUM

IAVCEI/IACS Commission on Volcano-Ice Interaction

Co-Leaders: Lucia Capra MEXICO
Dave McGarvie UK
Tracy Gregg USA

Commission on Volcanic Hazards and Risk

Co-Leaders: E. Calder USA
A. Bear-Crozier AUSTRALIA
J. Lindsay NEW ZEALAND

Commission on Volcanogenic Sediments

Leader: Gert Lube NEW ZEALAND
Secretary: Richard Brown UK

IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV)

<http://www.emsev-iugg.org/emsev/>

Chair: Jacques Zlotnicki FRANCE
Vice-Chair: Malcolm J.S. Johnston USA
Secretary: Toshiyasu Nagao JAPAN
Past Chair: Seiya Uyeda JAPAN
IAVCEI Liaison: Yoichi Sasai JAPAN

IASPEI/IAVCEI Commission on Volcano Seismology

Chair: Jürgen Neuberg UK

IASPEI/IAVCEI Joint Commission on Physics and Chemistry of Earth Materials

Chair: Jihua Chen USA

IAPSO/IASPEI/IAVCEI Joint Tsunami Commission

Chair: Vasily V. Titov USA
Vice-chairs: Fumihiko Imamura JAPAN
Ahmet Yalciner TURKEY
Secretary: Phil Cummins AUSTRALIA
IAVCEI Representative: Yuichi Nishimura JAPAN

The International Volcanic Health Hazard Network (IVHHN)

Leader: Claire Horwell UK

Commission on Volcano Acoustics

Leader: David Fee USA

World Organization of Volcano Observatories

Co-Chairs: Susana Falsaperla ITALY
Gill Jolly NEW ZEALAND
Peter Webley USA

IASPEI /IAVCEI /IAPSO International Heat Flow Commission

Chair: Yuri Popov RUSSIA
Vice-Chairs: Shaopeng Huang CHINA / USA
Past Chair: Christoph Clauser GERMANY
Secretary: Sukanta Roy INDIA
Vice-Secretary: Heiner Villinger GERMANY

PAST IAVCEI PRESIDENTS

1919-1922 Annibale Riccò (Italy)
1922-1927 Antoine Lacroix (France)
1927-1933 Alessandro Malladra (Italy)
1933-1936 Constantine A. Ktenas (Greece)
1936-1948 Auguste Michel-Lévy (France)
1948-1954 Berend G. Escher (The Netherlands)
1954-1963 Alfred Rittmann (Switzerland/Italy)
1963-1967 Hisashi Kuno (Japan)
1967-1971 Gordon A. MacDonald (USA)
1971-1975 Georgii S. Gorshkov (USSR)
1975-1979 Robert W. Decker (USA)
1979-1983 Sergei A. Fedotov (USSR)
1983-1987 Ian G. Gass (UK)
1987-1991 Shigeo Aramaki (Japan)
1991-1995 Paolo Gasparini (Italy)
1995-1999 Grant Heiken (USA)
1999-2003 Steve J. Sparks (UK)
2003-2007 Oded Navon (Israel)
2007-2011 Setsuya Nakada (Japan)

PAST IAVCEI SECRETARIES GENERAL

1919-1936 Alessandro Malladra (Italy)
1936-1960 Francesco Signore (Italy)
1960-1967 Francesco Penta (Italy)
1967-1975 Pierre Evrard (Belgium)
1975-1983 Peter E. Baker (UK)
1983-1991 Hans-Ulrich Schmincke (F.R. Germany)
1991-1999 R.Wally Johnson (Australia)
1999-2007 Steve R. McNutt (USA)

NATIONAL COMMITTEES, ADHERING ORGANIZATIONS, NATIONAL CORRESPONDENTS OF THE ASSOCIATIONS

ANNUAIRE 2014 YEARBOOK

The composition of the National Committees and, in consequence, the names of the officially accredited national representatives to the Union and its eight Associations are in conformity with what was communicated to the IUGG Secretariat in 2013.

La composition des Comités Nationaux et par voie de conséquence les noms des représentants nationaux officiellement accrédités auprès de l'Union et de ses huit Associations sont conformes à ce qui a été communiqué au Secrétariat de l'UGGI en 2013.

ALBANIA - ALBANIE

ADHERING ORGANIZATION

The Academy of Sciences
Sheshi Fan S. Noli
Tirane

NATIONAL COMMITTEE

National Correspondents of the Associations

IACS:		IAG:	B. NURÇE	IAGA:	S. BUSHATI B. DUKA
IAHS:	A. SELENICA	IAMAS:	M. SANXHAKU V. MUSTAQI	IAPSO:	
IASPEI:	B. MUÇO E. DUSHI	IAVCEI:			

ARGENTINA - ARGENTINE

ADHERING ORGANIZATION

Instituto Geografico Nacional
Comité Nacional de la Unión Geodésica y Geofísica Internacional
Cabildo 381
1426 Buenos Aires
Web: www.ign.gob.ar

NATIONAL COMMITTEE

President:	S.R. CIMBARO	Secretary General:	R.C. RAMOS
Executive Vice-President:	C. RISSO	Assistant Secretary General:	D.A. PIÑON
Second Vice-President:	N. SABBIONE	Treasurer:	E.A. COLLINI

National Correspondents of the Associations

IACS:	D. TROMBOTTO	IAG:	J. SOTO	IAGA:	A.M. SINITO
IAHS:	V. POCHAT	IAMAS:	P. ALESSANDRO	IAPSO:	C.G. SIMIONATO
IASPEI:	N. SABBIONE	IAVCEI:	C. RISSO		

REPUBLIC OF ARMENIA - REPUBLIQUE D'ARMENIE

ADHERING ORGANIZATION

National Survey for Seismic Protection, MES RA
Davidashen 4 massiv
P.O. 0054
Yerevan

Web: www.nssp-gov.am

NATIONAL COMMITTEE

President: H. PETROSYAN

Secretary: S. NAZARETYAN

National Correspondents of the Associations

IACS:	V. BOYNAGRYAN	IAG:	G. AVETYAN	IAGA:	S. HOVHANISSIAN
IAHS:	V. BOYNAGRYAN	IAMAS:	L. VARDANYAN	IAPSO:	
IASPEI:	A. ARAKELYAN	IAVCEI:	R. GEVORGYAN		

AUSTRALIA - AUSTRALIE

ADHERING ORGANIZATION

Australian Academy of Science
Ian Potter House - Gordon Street
GPO Box 783
Canberra, ACT, 2601

Contact: M. O'BRIEN

Web: www.science.org.au

NATIONAL COMMITTEE

Chair: S. O'REILLY

National Correspondents of the Associations

IACS:	I. ALLISON	IAG:	C. RIZOS	IAGA:	I. CAIRNS
IAHS:	S.W. FRANKS	IAMAS:	T. BEER	IAPSO:	S. WIJFFELS
IASPEI:	I. JACKSON	IAVCEI:	R. CAS		

AUSTRIA - AUTRICHE

ADHERING ORGANIZATION

Österreichische Geodätische Kommission
Austrian Geodetic Commission
Bundesministerium für Wissenschaft, Forschung und Wirtschaft
Abteilung I/11
Stubenring 1
1010 Vienna

NATIONAL COMMITTEE

President: W. LENHARDT

Secretary: N. HÖGGERL

National Correspondents of the Associations

IACS:	G. KASER	IAG:	J. BÖHM	IAGA:	B. LEICHTER
IAHS:	G. BLÖSCHL	IAMAS:	M. ROTACH	IAPSO:	
IASPEI:	W. LENHARDT	IAVCEI:	I. FRITZ		

AZERBAIJAN - AZERBAIDJAN

ADHERING ORGANIZATION

Azerbaijan National Academy of Sciences (ANAS)
Istiglaliyyat Str., 10
Baku

Contact: G. BABAYEV

NATIONAL COMMITTEE

President: I. GULIEV

Secretary: G. BABAYEV

National Correspondents of the Associations

IACS:		IAG: F. KADIROV	IAGA: E. GULIYEV
IAHS:	Y. ISRAFILOV	IAMAS:	IAPSO: R. MAMMEDOV
IASPEI:	G. YETIRMISHLI	IAVCEI: A. ISMAYIL-ZADE	

BELGIUM - BELGIQUE

ADHERING ORGANIZATION

The Royal Academies of Science and the Arts of Belgium (RASAB)
Palais des Académies-Paleis der Academiën
Hertogsstraat 1 Rue Ducale
1000 Brussels

Contact: L. HANSEN

Web: www.rasab.be

NATIONAL COMMITTEE

President: T. CAMELBEECK

Secretary: C. BRUYNINX

Vice-President: S. DEWITTE

Adjunct Secretary: V. PIERRARD

National Correspondents of the Associations

IACS:	P. HUYBRECHTS	IAG:	C. BRUYNINX	IAGA:	J. DE KEYSER
IAHS:	N. VERHOEST	IAMAS:	M. DE MAZIÈRE	IAPSO:	T. FICHEFET
IASPEI:	T. CAMELBEECK	IAVCEI:	A. BERNARD		

BOLIVIA - BOLIVIE

ADHERING ORGANIZATION

Academia Nacional de Ciencias de Bolivia
P.O. Box 11253
La Paz

NATIONAL COMMITTEE

President: J.L. TELLERIA-GEIGER

Secretary General: R. AYALA

Vice-President: E. MINAYA

National Correspondents of the Associations

IACS:		IAG:		IAGA:	J.L. TELLERIA-GEIGER
IAHS:	E. RAMIREZ	IAMAS:	E. PALENQUE	IAPSO:	
IASPEI:	E. MINAYA	IAVCEI:			

BOSNIA & HERZEGOVINA - BOSNIE & HERZEGOVINE**ADHERING ORGANIZATION**

Academy of Sciences & Arts of Bosnia & Herzegovina
Bistrik 7
Sarajevo

NATIONAL COMMITTEE

President: D. SARAC **Secretary:** A. MULAHSIC
Vice-President: M. MULIC

National Correspondents of the Associations

IACS:		IAG:	M. MULIC	IAGA:	E. DONLAGIC
IAHS:	E. KUPUSOVIC	IAMAS:	Z. MAJSTOROVIC	IAPSO:	
IASPEI:	I. BRLEK	IAVCEI:			

BRAZIL - BRESIL**ADHERING ORGANIZATION**

Diretoria de Geociencias
Instituto Brasileiro de Geografia e Estatistica
Avenida Brasil 15671, Bloco III-B
Parada de Lucas, Rio de Janeiro, 21241-051
Web: <http://www.ibge.gov.br>

NATIONAL COMMITTEE

Director: L.P.S. FORTES

National Correspondents of the Associations

IACS:	J. SIMÕES	IAG:	D. BLITZKOW	IAGA:	S. FONTES
IAHS:	C.A.G. SANTOS	IAMAS:	T. AMBRIZZI	IAPSO:	A. MESQUITA
IASPEI:	M. ASSUMPCÃO	IAVCEI:	R. CONCEIÇÃO		

BULGARIA - BULGARIE**ADHERING ORGANIZATION**

Bulgarian Academy of Sciences
bul. 15 Noemvri, 1
1040 Sofia

NATIONAL COMMITTEE

President: D. PANCHEVA **Secretary:** I. GEORGIEV

National Correspondents of the Associations

IACS:	Z. DAMYANOV	IAG:	I. GEORGIEV	IAGA:	D. PANCHEVA
IAHS:	D. DIMITROV	IAMAS:	V. SPIRIDONOV	IAPSO:	A. PALAZOV
IASPEI:	D. SOLAKOV	IAVCEI:			

CANADA**ADHERING ORGANIZATION**

National Research Council
International Relations
1200 Montreal Road
Ottawa, ON K1A 0R6

Contact: M. CULLINS**Web:** <http://www.cgu-ugc.ca/cnc-iugg/>**NATIONAL COMMITTEE****President:** B. BRANFIREUN**Chair:** Z. HAJNAL**National Correspondents of the Associations**

IACS:		IAG:	J. HENTON	IAGA:	A. YAU
			J.W. KIM		P.J.A. McCAUSLAND
IAHS:	W.L. QUINTON	IAMAS:	J. GYAKUM	IAPSO:	B. GREENAN
	B. BRANFIREUN		J. DRUMMOND		J. KLYMAK
IASPEI:	D.W. EATON	IAVCEI:	M.D. HIGGINS		
	C. PERRY		B. COUSENS		

CHILE - CHILI**ADHERING ORGANIZATION**

Instituto Geografico Militar
Nueva Santa Isabel 1640
Santiago

Contacts: H. MANRIQUEZ, E. HUNT**Web:** www.igm.cl**NATIONAL COMMITTEE****President:** R. JARA**National Correspondents of the Associations**

IACS:	G. CASASSA	IAG:	L. RIVAS	IAGA:	
IAHS:		IAMAS:	G.N. SCHLOTTERBECK	IAPSO:	P. CARRASCO
IASPEI:	D. COMTE	IAVCEI:	J. A. NARANJO		

CHINA - CHINE**ADHERING ORGANIZATION**

China Association for Science and Technology (CAST)
Institute of Atmospheric Physics (IAP)
Chinese Academy of Sciences (CAS)
Bldg. 40 Huayanli, Beichenxilu
Beijing, 100029

Contact: J.P. LI**NATIONAL COMMITTEE****President:** G.X. WU**Secretary General:** J.P. LI**Vice-President:** D.H. QIN, J.Y. ZHANG**National Correspondents of the Associations**

IACS:	D. QIN	IAG:	Y.M. DANG	IAGA:	J.K. SHI
IAHS:	J.Y. ZHANG	IAMAS:	D.R. LU	IAPSO:	J.P. ZHAO
IASPEI:	Z.F. DING	IAVCEI:	Y.G. XU		

CHINA - CHINE
The Academy of Sciences Located in TAIPEI

ADHERING ORGANIZATION

Academia Sinica
 128, Academy Road, Sec. 2
 Taipei, Taiwan

NATIONAL COMMITTEE

President: S.C. LIU

Executive Secretary: B.-S. HUANG

National Correspondents of the Associations

IACS:	A.C.T. CHEN	IAG:	B.F. CHAO	IAGA:	W.-H. IP
IAHS:	C.-W. LIU	IAMAS:	S. C. LIU	IAPSO:	A.C.T. CHEN
IASPEI:	C.-Y. WANG	IAVCEI:	S.-R. SONG		

COLOMBIA - COLUMBIE

ADHERING ORGANIZATION

Instituto Geográfico Agustín Codazzi
 Colombian Committee of Geodesy and Geophysics (CCGG)
 Carrera 30 No. 48-51
 Bogotá, D.C.

NATIONAL COMMITTEE

President: I. D. GOMEZ-GUZMAN

Secretary General: L. SANCHEZ

Vice-President: A. CARDENAS

National Correspondents of the Associations

IACS:		IAG:	W. MARTINEZ	IAGA:	A. CANEVA
IAHS:	H. GONZALO-RIVERA	IAMAS:	G. MONTOYA	IAPSO:	J. M. SOLTAU
IASPEI:	C. VARGAS	IAVCEI:	M. L. CALVACHE		

D.R. CONGO - R.D. CONGO

ADHERING ORGANIZATION

Centre de Recherche en Geophysique (CRG)
 B.P. 10336
 Kinshasa I

NATIONAL COMMITTEE

President: N. ZANA

Secretary General: K. TONDOZI

Vice-President: J.M. WAKU

National Correspondents of the Associations

IACS:		IAG:		IAGA:	F.M. MOSHI
IAHS:	G. GULEMVUGA	IAMAS:	D. KAMUNGA MUSUNGAY	IAPSO:	
IASPEI:	D.M. WAFULA	IAVCEI:	T. MAVONGA		

COSTA RICA

ADHERING ORGANIZATION

Academia Nacional de Ciencias
Apartado postal: 1367-2050
San Pedro

Contact: M. PROTTI

Web: www.anc.cr

NATIONAL COMMITTEE

President: M. PROTTI

Secretary General: W. FERNANDEZ

National Correspondents of the Associations

IACS:		IAG:	J. MOYA	IAGA:	
IAHS:		IAMAS:	W. FERNANDEZ	IAPSO:	A. GUTIERREZ
IASPEI:	M. PROTTI	IAVCEI:	J. PACHECO		

CROATIA - CROATIE

ADHERING ORGANIZATION

Croatian Academy of Sciences and Arts
Zrinski trg 11
10000 Zagreb

NATIONAL COMMITTEE

President: M. ORLIC

Secretary: G. BEG PAKLAR

Vice-President: B. PRIBICEVIC

National Correspondents of the Associations

IACS:		IAG:	T. DUPLANCIC LEDER	IAGA:	D. HERAK
			B. PRIBICEVIC		G. VERBANAC
IAHS:	V. DENIC-JUKIC	IAMAS:	B. GRBEC	IAPSO:	G. BEG PAKLAR
	R. ZUGAJ		K. HORVATH		M. ORLIC
IASPEI:	M. HERAK	IAVCEI:			
	V. KUK				

Further Members of the National Committee

I. GUSIC, D. SKOKO

CZECH REPUBLIC - REPUBLIQUE TCHEQUE

ADHERING ORGANIZATION

Academy of Sciences of the Czech Republic
Narodni 3
117 20 Praha 1

NATIONAL COMMITTEE

President: V. CERMAK

Secretary: P. HOLOTA

Vice-President: J. LASTOVICKA

National Correspondents of the Associations

IACS:		IAG:	P. HOLOTA	IAGA:	P. HEJDA
IAHS:	M. TESAR	IAMAS:	P. SEDLAK	IAPSO:	
IASPEI:	J. PLOMEROVA	IAVCEI:	A. SPICAK		

Further Members of the National Committee

T. HALENKA, C. MATYSKA, E. PETROVSKY, J. PRETEL, V. RUDAJEV, Z. SIMA, V. VATRT

DENMARK - DANEMARK**ADHERING ORGANIZATION**

Det Kongelige Danske Videnskabernes Selskab
H.C. Andersens Boulevard 35
1553 Kobenhavn V

Contact: K.L. RASMUSSEN

NATIONAL COMMITTEE

President: A.W. HANSEN

Secretary: A. SVENSSON

National Correspondents of the Associations

IACS:		IAG:	N. ANDERSEN	IAGA:	N. OLSEN
IAHS:	E. BØGH	IAMAS:	E. KAAS	IAPSO:	M. JOCHUM
IASPEI:	S. GREGERSEN	IAVCEI:	P. HOLM		

EGYPT - EGYPTE**ADHERING ORGANIZATION**

Academy of Scientific Research and Technology
101 Kasr El-Eini Street
Cairo

NATIONAL COMMITTEE

President: A.A.-A. TEALEB

Secretary: N.M.H. ABOU-ASHOUR

National Correspondents of the Associations

IACS:	D.M. AHMED	IAG:	A.A.-A. TEALEB	IAGA:	H.A. DEEBESS
IAHS:	N.M.H. ABOU-ASHOUR	IAMAS:	S. SHARAF EL- DIN	IAPSO:	S. SHARAF EL-DIN
IASPEI:	S.R. ISMAIL	IAVCEI:			

ESTONIA - ESTONIE**ADHERING ORGANIZATION**

Estonian Academy of Sciences
Kohtu 6
10130 Tallinn

NATIONAL COMMITTEE

President: R. ROOM

Secretary: K. EERME

National Correspondents of the Associations

IACS:		IAG:	A. ELLMANN	IAGA:	K. EERME
IAHS:	E. LOIGU	IAMAS:	P. POST	IAPSO:	J. ELKEN
IASPEI:	T. ALL	IAVCEI:			

FINLAND - FINLANDE**ADHERING ORGANIZATION**

Council of Finnish Academies
Snellmaninkatu 13
00170 Helsinki

Contact: K. ROSTEDT

NATIONAL COMMITTEE

President: S. KAASALAINEN

Secretary: E. KOZLOVSKAYA

National Correspondents of the Associations

IACS:	M. LEPPÄRANTA	IAG:	M. POUTANEN	IAGA:	A. VILJANEN
IAHS:	E. KUUSISTO	IAMAS:	M. ALESTALO	IAPSO:	K. KAHMA
IASPEI:	P. HEIKKINEN	IAVCEI:	T. RÄMÖ		

FRANCE**ADHERING ORGANIZATION**

Académie des Sciences
23, Quai de Conti
75006 Paris

Web: <http://cnfgg.omp.obs-mip.fr>

NATIONAL COMMITTEE

President: C. BOUCHER

Secretary: M. MENVIELLE

Treasurer: R. SCHLICH

National Correspondents of the Associations

IACS:	E. BERTHIER	IAG:	F. DUQUENNE	IAGA:	B. LANGLAIS
IAHS:	E. SERVAT	IAMAS:	A. FLOSSMANN	IAPSO:	A. COLIN DE VERDIERE
IASPEI:	T. MONFRET	IAVCEI:	P. ALLARD		

GEORGIA - GEORGIE**ADHERING ORGANIZATION**

Georgian Geophysical Association
1, Alexidze str.
0171 Tbilisi

Contact: T. CHELIDZE

NATIONAL COMMITTEE

President: T. CHELIDZE

Secretary General: N. TSERETELI

National Correspondents of the Associations

IACS:	R. GOBEJISHVILI	IAG:	T. GORDEZIANI	IAGA:	K. CHARGAZIA
IAHS:	V. GELADZE	IAMAS:	N. KUTALADZE	IAPSO:	D. DEMETRASHVILI
IASPEI:	N. TSERETELI	IAVCEI:	S. ADAMIA		

GERMANY - ALLEMAGNE**ADHERING ORGANIZATION**

Bundesanstalt für Geowissenschaften und Rohstoffe
 Stilleweg 2
 30655 Hannover

Contact: H.-J. KÜMPEL

NATIONAL COMMITTEE

President: J. MÜLLER

Secretary: T. PLENEFISCH

Vice-President: R. KIND

National Correspondents of the Associations

IACS:	H. MILLER	IAG:	J. MULLER	IAGA:	E. APPEL
			R. PAIL		J. VOGT
IAHS:	A. SCHUMANN	IAMAS:	V. WIRTH	IAPSO:	D. QUADFASEL
	U. HABERLANDT				
IASPEI:	T. DAHM	IAVCEI:	M. HORT		

GHANA**ADHERING ORGANIZATION**

Council for Scientific and Industrial Research (CSIR)
 Water Research Institute
 P.O. Box M32
 Accra

NATIONAL COMMITTEE

President: G. ANORNU

Secretary: M.A. GYAMPO

Vice-President: M.A. AKOTO

Treasurer: S.D. OSAE

National Correspondents of the Associations

IACS:		IAG:	T.M. AKABZA	IAGA:	M. A. AKOTO
IAHS:	J. WELLENS- MENSAH	IAMAS:	M.A. GYAMPO	IAPSO:	W.E.I. ANDAH
IASPEI:		IAVCEI:	S. OSAE		

Further Members of the National Committee

B.K. KORTATSI

GREECE - GRECE**ADHERING ORGANIZATION**

Academy of Athens
 28 Panepistimiou Avenue
 106 79 Athens

NATIONAL COMMITTEE

President: C. ZEREFOS

Secretary: C. SYNOLAKIS

Vice President: C. NINIOS

National Correspondents of the Associations

IACS:		IAG:	I.N. TZIAVOS	IAGA:	I.A. DAGLIS
IAHS:	G. TSAKIRIS	IAMAS:	C. ZEREFOS	IAPSO:	C. SYNOLAKIS
IASPEI:	K. MAKROPOULOS	IAVCEI:	M. FYTIKAS		

HUNGARY - HONGRIE**ADHERING ORGANIZATION**

Hungarian Academy of Sciences
 PO Box 6, Nádor u. 7
 1361 Budapest
Web: www.ggki.hu

NATIONAL COMMITTEE**President:** J. ADAM**Secretary:** L. BOZO**National Correspondents of the Associations**

IACS:	J. BARTHOLY	IAG:	J. ADAM	IAGA:	G. SÁTORI
IAHS:	Z. GRIBOVSKI	IAMAS:	L. BOZO	IAPSO:	L. HORVÁTH
IASPEI:	Z. WÉBER	IAVCEI:	G. DOBOSI		

ICELAND - ISLANDE**ADHERING ORGANIZATION**

Rannsóknamidstöð Islands/RANNÍS (The Icelandic Centre for Research)
 Laugavegur 13
 101 Reykjavík

NATIONAL COMMITTEE**President:** A. SNORRASON**National Correspondents of the Associations**

IACS:	H. BJÖRNSSON	IAG:	M. GUDMUNDSSON	IAGA:	L. KRISTJÁNSSON
IAHS:	S.M. GARDARSSON	IAMAS:	H. BJÖRNSSON	IAPSO:	J. OLAFSSON
IASPEI:	R. STEFANSSON	IAVCEI:	M.T. GUDMUNDSSON		

INDIA - INDE**ADHERING ORGANIZATION**

Indian National Science Academy
 Bahadur Shah Zafar Marg
 New Delhi 110 002

Contact: B. CHATTOPADHYAY**Web:** <http://insaindia.org/>**NATIONAL COMMITTEE****Chairman:** V.P. DIMRI**National Correspondents of the Associations**

IACS:	B.R. ARORA	IAG:	V.P. DIMRI	IAGA:	B.R. ARORA
IAHS:	V.P. DIMRI	IAMAS:	R.B. SINGH	IAPSO:	V.P. DIMRI
IASPEI:	J.R. KAYAL	IAVCEI:	N. NAGABHUSHANAM		

Further Members of the National Committee

H.K. GUPTA (ex officio)

INDONESIA - INDONESIE

ADHERING ORGANIZATION

Indonesian Institute of Sciences (LIPI)
Jl. Jend. Gatot Subroto No. 10
Jakarta 12710

NATIONAL COMMITTEE

President: A. KARSIDI **Secretary:** M.A. SYAFFI
Vice-President: I. ZULKARNAIN

National Correspondents of the Associations

IACS:		IAG:	H. Z. ABIDIN	IAGA:	B. MUSLIM
IAHS:	A. S. MOERWANTO	IAMAS:	P. HARYADI	IAPSO:	S. HADI
IASPEI:	S. WIDIYANTORO	IAVCEI:	SURONO		

IRAN

ADHERING ORGANIZATION

Tehran University
Institute of Geophysics
P.O. Box 14155-6466
Tehran

NATIONAL COMMITTEE

President: F. AHMADI-GIVI **Secretary:** A.R. MOHEBALHOJEH

National Correspondents of the Associations

IACS:	M. MAZRAEI EI FARAHANI	IAG:	V.E. ARDESTANI	IAGA:	B. OSKOOI
IAHS:	M.K. HAFIZI	IAMAS:	F. AHMADI-GIVI	IAPSO:	A.A. BIDOKHTI
IASPEI:	M.R. GHEITANCHI	IAVCEI:	N. MIRZAEI		

IRELAND - IRLANDE

ADHERING ORGANIZATION

Royal Irish Academy
19 Dawson Street
Dublin 2

Contact: R. FARRELL

Web: www.ria.ie

NATIONAL COMMITTEE

Chair: P. SHANNON **Secretary:** M. COWAN

National Correspondents of the Associations

IACS:	S. McCARRON	IAG:	C.D. BRAY	IAGA:	A.G. JONES
IAHS:	D. BALL	IAMAS:	E. MORAN	IAPSO:	M. WHITE
IASPEI:	C. BEAN	IAVCEI:	J. GAMBLE		

ISRAEL**ADHERING ORGANIZATION**

The Israel Academy of Sciences and Humanities
 Albert Einstein Square, 43 Jabotinsky Street
 P.O. Box 4040
 Jerusalem 91040

Contact: B. LAPIDOT**Web:** www.academy.ac.il**NATIONAL COMMITTEE****Chair:** C. PRICE**National Correspondents of the Associations**

IACS:		IAG:	G. EVEN-ZUR	IAGA:	B. GINZBURG
IAHS:	I. GEV	IAMAS:	C. PRICE	IAPSO:	Y. MART
IASPEI:	R. HOFSTETTER	IAVCEI:	O. NAVON		

ITALY - ITALIE**ADHERING ORGANIZATION**

Consiglio Nazionale delle Ricerche
 Piazzale Aldo Moro 7
 0081 Roma

Contact: C. TRIBUZIO**NATIONAL COMMITTEE****President:** G. PANZA**Scientific Secretary:** S. SPARNOCCHIA**National Correspondents of the Associations**

IACS:		IAG:	F. SANZO	IAGA:	U. VILLANTE
IAHS:	A. MONTANARI	IAMAS:	T. GEORGIADIS	IAPSO:	S. SPARNOCCHIA
IASPEI:	M. COCCO	IAVCEI:	G. DE NATALE		

JAPAN - JAPON**ADHERING ORGANIZATION**

Science Council of Japan
 7-22-34 Roppongi, Minato-ku
 Tokyo, 106-8555

Contact: K. FUJIKI**Web:** www.scj.go.jp/en/**NATIONAL COMMITTEE****Chair:** S. OKUBO**Secretary:** S. NAKADA
H. NAKAMURA**National Correspondents of the Associations**

IACS:	K. NISHIMURA	IAG:	K. HEKI	IAGA:	T. YAMAZAKI
IAHS:	M. TANIGUCHI	IAMAS:	H. NAKAMURA	IAPSO:	K. HANAWA
IASPEI:	K. SATAKE	IAVCEI:	S. NAKADA		

JORDAN - JORDANIE**ADHERING ORGANIZATION**

Royal Jordanian Geographic Centre
P.O. Box: 414
Al Jubayha 11941

Contact: A. AL HIJAJ**E-mail:** rjgc@rjgc.gov.jo**NATIONAL COMMITTEE****National Correspondents of the Associations**

IACS:		IAG:		IAGA:	
IAHS:	I.M. WAYNAKH	IAMAS:		IAPSO:	
IASPEI:		IAVCEI:			

REPUBLIC OF KOREA - REPUBLIQUE DE COREE**ADHERING ORGANIZATION**

Korea Meteorological Administration
460-18 Sindaebang-2-dong, Dongjak-Gu
Seoul 156-720

NATIONAL COMMITTEE**President:** W. M. MOON**Secretary:** H. LEE**National Correspondents of the Associations**

IACS:	S.-D. HUR	IAG:	P.-H. PARK	IAGA:	B.-H. AHN
IAHS:	K.-K. LEE	IAMAS:	D.-K. LEE	IAPSO:	C.-H. KIM
IASPEI:	C.-E. BAAG J.-M. LEE	IAVCEI:	S.-T. KWON		

LUXEMBOURG**ADHERING ORGANIZATION**

Ministère de la Culture, Musée national d'Histoire naturelle – Centre des Sciences de la
Terre, European Center for Geodynamics & Seismology (ECGS)
19, rue Josy Welter
7256 Walferdange

NATIONAL COMMITTEE**President:** N. SCHARES**Secretary:** T. VAN DAM**National Correspondents of the Associations**

IACS:	T. VAN DAM	IAG:	G. BREGER	IAGA:	N. SCHARES
IAHS:	R. MAQUIL	IAMAS:	L. WIETOR	IAPSO:	O. FRANCIS
IASPEI:	A. OTH	IAVCEI:	N. D'OREYE		

F.Y.R. MACEDONIA - A.R.Y. MACEDOINE**ADHERING ORGANIZATION**

Ss. Cyril and Methodius University in Skopje
Blvd. Krste Misirkov bb
1000 Skopje

Contact: G. TASESKI**Web:** www.ukim.edu.mk**NATIONAL COMMITTEE****President:** C. POPOVSKA**Secretary General:** M. JOVANOVSKI**National Correspondents of the Associations**

IACS:		IAG:	Z. SRBINOSKI	IAGA:	
IAHS:	C. POPOVSKA	IAMAS:	V. PAVLOVSKA	IAPSO:	
IASPEI:	M. GAREVSKI	IAVCEI:			

MAURITIUS - MAURICE**ADHERING ORGANIZATION**

Ministry of Environment
10th Floor, Ken Lee Tower
Line Barracks Street
Port Louis

NATIONAL COMMITTEE**President:** O. JADOO**Secretary:** D. L. NG**National Correspondents of the Associations**

IACS:		IAG:		IAGA:	S.D.D.V. RUGHOOPUTH
IAHS:	R. JAGANNATH	IAMAS:	B. PATHACK	IAPSO:	R.G. NURSIMHULU
IASPEI:		IAVCEI:	B.D. HANSROD		

MEXICO - MEXIQUE**ADHERING ORGANIZATION**

Universidad Nacional Autónoma de México (UNAM)
Instituto de Geofísica
Circuito Investigacion Cientifica
Ciudad Universitaria
04510 Mexico D.F.

NATIONAL COMMITTEE**President:** A. IGLESIAS MENDOZA**Secretary:** A. GOGICHAISVILI**National Correspondents of the Associations**

IACS:	H. DELGADO GRANADOS	IAG:	E. CABRAL	IAGA:	B. MENDOZA
IAHS:	I. HERRERA REVILLA	IAMAS:	C. GAY	IAPSO:	J. ZAVALA HIDALGO
IASPEI:	J.L. MACIAS	IAVCEI:	S. KRISHNA SINGH		

MONACO**ADHERING ORGANIZATION**

Centre Scientifique de Monaco
Villa Girasole
16, Boulevard de Suisse
Monte-Carlo

NATIONAL COMMITTEE**National Correspondents of the Associations**

IACS:		IAG:		IAGA:
IAHS:	P. VAN KLAVEREN	IAMAS:		IAPSO:
IASPEI:		IAVCEI:		

MOROCCO - MAROC**ADHERING ORGANIZATION**

Institut Scientifique
Université Mohammed V Agdal
B.P. 703
Agdal-Rabat

NATIONAL COMMITTEE**National Correspondents of the Associations**

IACS:		IAG:		IAGA:
IAHS:	D. OUAZAR	IAMAS:		IAPSO: A. ORBI
IASPEI:	B.A. TADILI	IAVCEI:		

MOZAMBIQUE**ADHERING ORGANIZATION**

Republica de Moçambique
Ministerio dos Recursos Minerais
Direcção Nacional de Geologia

NATIONAL COMMITTEE**President:** V. SAMBOCO**Secretary:** M. F. KAMPINE**National Correspondents of the Associations**

IACS:		IAG:	J.L. QUEMBO	IAGA:	M.F. KAMPINE A.A. NHATSAVE
IAHS:	L. CHATRUCA	IAMAS:	P.D. MOSQUITO	IAPSO:	S. CANHANGA
IASPEI:	S. MARCOS V. SAMBOCO	IAVCEI:	S. MUJUI		

THE NETHERLANDS - PAYS BAS

ADHERING ORGANIZATION

Netherlands Center for Geodesy and Geo-informatics (NCG)
P.O. Box 508
3800 AM Amersfoort

Contact: S.R. DIJKSTRA

Web: www.ncgeo.nl

NATIONAL COMMITTEE

President: R.F. HANSSEN

Secretary: S.R. DIJKSTRA

National Correspondents of the Associations

IACS:		IAG:	P. J. G. TEUNISSEN	IAGA:	
IAHS:	S. UHLENBROOK	IAMAS:	B.J.J.M. VAN DEN HURK	IAPSO:	W.P.M. DE RUIJTER
IASPEI:	B. DOST	IAVCEI:			

NEW ZEALAND - NOUVELLE ZELANDE

ADHERING ORGANIZATION

The Royal Society of New Zealand
11 Turnbull Street, Thorndon
P.O. Box 598
Wellington

Contact: J. REID

NATIONAL COMMITTEE

Chair: D. RHOADES

National Correspondents of the Associations

IACS:	N. CULLEN	IAG:	M. AMOS	IAGA:	C.J. RODGER
IAHS:	D. COLLINS	IAMAS:	D.S. WRATT	IAPSO:	S. CHISWELL
IASPEI:	D. RHOADES	IAVCEI:	G. LEONARD		

NIGERIA

ADHERING ORGANIZATION

Nigerian Union of Planetary and Radio Sciences
c/o Dept. of Surveying and Geoinformatics
University of Lagos
Lagos

NATIONAL COMMITTEE

President: C.U. EZEIGBO

Secretary General: L.N. AMAESHI

Vice-President: S.C. TEME

Assistant Secretary General: A. M. AYENI

Treasurer: J. EZECHIE

Immediate Past President: F.A. FAJEMIROKUN

National Correspondents of the Associations

IACS:		IAG:	F.I. OKEKE	IAGA:	D.O. OLORODE
IAHS:	C.C. MBAJIORGU	IAMAS:	E.E. BALOGUN	IAPSO:	O.C. OJINNAKA
IASPEI:	A.O. ALABI	IAVCEI:	J.E.A. OSEMEIKHIAN		

NORWAY - NORVEGE

ADHERING ORGANIZATION

Statens Kartverk
Den Nasjonale Komite for Geodesi og Geofysikk
0301 Oslo

NATIONAL COMMITTEE

Chair: U.-P. HOPPE

Secretary: H. HISDAL

National Correspondents of the Associations

IACS:	J.O. HAGEN	IAG:	O. KRISTIANSEN	IAGA:	U.-P. HOPPE
IAHS:	H. HISDAL	IAMAS:	J.E. KRISTJÁNSSON	IAPSO:	S.S. HJØLLO
IASPEI:	T. KVAERNA	IAVCEI:	R.S. SELBEKK		

PAKISTAN

ADHERING ORGANIZATION

Survey of Pakistan
Surveyor General's Office
Murree Road
Rawalpindi

Contact: G. SARWAR

NATIONAL COMMITTEE

President: M.A. SOLEHRIA

National Correspondents of the Associations

IACS:		IAG:	R. AHMED	IAGA:	N. FAISAL
IAHS:	M. ARSHAD	IAMAS:	H. MIR	IAPSO:	A.R. TABREZ
IASPEI:		IAVCEI:	Z. KHAN M. RAFIQUE		

PERU - PEROU

ADHERING ORGANIZATION

Instituto Geofisico del Peru
Calle Calatrava 216
Urb. Camino Real, La Molina
Lima 12

NATIONAL COMMITTEE

President: R. F. WOODMAN

National Correspondents of the Associations

IACS:		IAG:	E. NORABUENA	IAGA:	R. F. WOODMAN
IAHS:	A. MABRES	IAMAS:	P. LAGOS R. F. WOODMAN	IAPSO:	H. SOLDI L. PIZARRO
IASPEI:	L.C. OCOLA	IAVCEI:	O. MACEDO M. RIVERA L.C. OCOLA		

PHILIPPINES

ADHERING ORGANIZATION

Coast and Geodetic Survey Department
Philippine Geodetic and Geophysical Institute
421 Barraca Street, San Nicolas
1010 Manila

NATIONAL COMMITTEE

President: R. U. SOLIDUM

Secretary: R.M. AGATON

National Correspondents of the Associations

IACS:		IAG:	E. D. LOPEZ	IAGA:	E. G. RAMOS
IAHS:	M. M. LANDICHO	IAMAS:	P. D. NILO	IAPSO:	N.G. BALORAN
IASPEI:	B. C. BAUTISTA	IAVCEI:	R. U. SOLIDUM		

POLAND - POLOGNE

ADHERING ORGANIZATION

Polish Academy of Sciences
Palace of Culture & Science
room 2603
00-901 Warsaw

NATIONAL COMMITTEE

President: J. KRYNSKI

Secretary: A. BRZEZINSKI

National Correspondents of the Associations

IACS:	A. KOSTRZEWSKI	IAG:	J. KRYNSKI	IAGA:	J. BLECKI W. JOZWIAK
IAHS:	Z.W. KUNDZEWICZ W. STRUPCZEWSKI	IAMAS:	K. HAMAN J. KRZYSCIN	IAPSO:	J. PISKOZUB
IASPEI:	S. LASOCKI	IAVCEI:	E. SLABY A. ZELAZNIEWICZ		

PORTUGAL

ADHERING ORGANIZATION

Fundação para a Ciência e a Tecnologia (FCT)
Ministério da Ciência, Tecnologia e Ensino Superior
Av D Carlos, 126, 7º
1249-074 Lisboa

T: 351 21 391 1521/2

F: 351 21 395 7284

NATIONAL COMMITTEE

Secretary: J.M.A. TORRES

National Correspondents of the Associations

IACS:	G. VIEIRA	IAG:	J.M.A. TORRES	IAGA:	J.M.A. MIRANDA
IAHS:		IAMAS:	A.P. VITERBO	IAPSO:	S.L. ALMEIDA
IASPEI:	L.M.M. MATIAS	IAVCEI:			

ROMANIA - ROUMANIE

ADHERING ORGANIZATION

Romanian Academy
RNCGG Secretariat
P.O. Box 72-145
024270 Bucharest

Contact: C.S. SAVA

NATIONAL COMMITTEE

President: D. ZUGRAVESCU **Secretary General:** C. S. SAVA
Vice-President: C. DEMETRESCU

National Correspondents of the Associations

IACS:	R. BOJARIU	IAG:	J. NEUNER	IAGA:	A. SOARE V. DOBRICA
IAHS:	M.-J. ADLER	IAMAS:	G. STANCALIE S. STEFAN	IAPSO:	N. PANIN
IASPEI:	M. RADULIAN	IAVCEI:	A. SZAKACS		

RUSSIA - RUSSIE

ADHERING ORGANIZATION

Russian Academy of Sciences
3 Molodezhnaya st.
119296 Moscow

Web: <http://ngc.gcras.ru/>

NATIONAL COMMITTEE

President: A.D. GVISHIANI **Secretary:** R.I. KRASNOPEROV
Vice-Presidents: V. M. KOTLYAKOV, Y.S. LYUBOV'TSEVA

National Correspondents of the Associations

IACS:	V.M. KOTLYAKOV	IAG:	V.P. SAVINYKH	IAGA:	A.D. GVISHIANI
IAHS:	R.G. DZHAMALOV	IAMAS:	I.I. MOKHOV	IAPSO:	E.G. MOROZOV
IASPEI:	A.O. GLIKO	IAVCEI:	S.A. FEDOTOV		

SAUDI ARABIA - ARABIE SAOUDITE

ADHERING ORGANIZATION

King Abdulaziz City for Science and Technology (KACST)
P.O. Box 6068
Riyadh 11442

Contact: M. AL-BADRANI

NATIONAL COMMITTEE

President: T. ALKHALIFAH **Secretary General:** K. ALDAMEGH

National Correspondents of the Associations

IACS:		IAG:	A. ARRAJEHI	IAGA:	
IAHS:	A. AL-BASSAM	IAMAS:	S. MOHALFI	IAPSO:	A.N. ALKOTAB
IASPEI:	K. ALDAMEGH	IAVCEI:	M.R.H. MOUFTI		

SLOVAK REPUBLIC - REPUBLIQUE SLOVAQUE

ADHERING ORGANIZATION

Slovak Academy of Sciences
Geophysical Institute
Dubravska cesta 9
845 28 Bratislava 45

NATIONAL COMMITTEE

President: P. MOCZO **Secretary:** M. BIELIK
Vice-President: J. HEFTY

National Correspondents of the Associations

IACS: **IAG:** L. BRIMICH **IAGA:** J. BRESTENSKY
IAHS: J. SZOLGAY **IAMAS:** M. LAPIN **IAPSO:**
IASPEI: P. MOCZO **IAVCEI:**

Further Members of the National Committee

M. GÁLIS, M. GERA, J. KRISTEK, M. KRISTEKOVA, P. MIKLÁNEK, M. MOJZES,
P. NEJEDLÍK, S. SEVCIK, V. STEKAUERKOVA, I. TÚNYI

SLOVENIA - SLOVENIE

ADHERING ORGANIZATION

Slovenian Association of Geodesy and Geophysics - SZGG
Jamova 2
1115 Ljubljana

NATIONAL COMMITTEE

President: J. RAKOVEC **Secretary General:** M. KUHAR
Vice-President: R. COP

National Correspondents of the Associations

IACS: P. VRECA **IAG:** B. STOPAR **IAGA:** R. COP
IAHS: M. KOBOLD **IAMAS:** J. RAKOVEC **IAPSO:** V. MALACIC
IASPEI: A. GOSAR **IAVCEI:** P. KRALJ

SOUTH AFRICA - AFRIQUE DU SUD

ADHERING ORGANIZATION

National Research Foundation
SA ICSU Secretariat
P.O. Box 2600
0001 Pretoria

Contact: M. PILLAY

NATIONAL COMMITTEE

Chair: I.J. ANSORGE **Secretary:** M. PILLAY

National Correspondents of the Associations

IACS: **IAG:** L. **IAGA:** P. KOTZÉ
COMBRINCK
IAHS: G. JEWITT **IAMAS:** J. STANDER **IAPSO:** R. ROMAN
IASPEI: R. DURRHEIM **IAVCEI:**

Further Members of the National Committee

J. COLE

SPAIN - ESPAGNE**ADHERING ORGANIZATION**

Ministerio de Fomento
Comisión Española de Geodesia y Geofísica
General Ibáñez de Ibero 3
28003 Madrid

Contact: J. GOMEZ GONZALEZ

NATIONAL COMMITTEE

President: A. ELENA CORDOBA

Secretary General: J. GOMEZ GONZALEZ

National Correspondents of the Associations

IACS:	M. RAMOS	IAG:	M. J. SEVILLA	IAGA:	A. GARCÍA
IAHS:	M. MANZANO	IAMAS:	M. GIL	IAPSO:	J. J. DAÑOBEITIA
IASPEI:	J. MARTIN DAVILA	IAVCEI:	R. ORTÍZ		

SWEDEN - SUEDE**ADHERING ORGANIZATION**

Royal Swedish Academy of Sciences
104 05 Stockholm 50

NATIONAL COMMITTEE

President: C. LECK

Secretary: B. LUND

National Correspondents of the Associations

IACS:	P. HOLMLUND	IAG:	J. ÅGREN	IAGA:	H. NILSSON
IAHS:	B. ARHEIMER	IAMAS:	C. LECK	IAPSO:	K. BORENÄS
IASPEI:	R. ROBERTS	IAVCEI:	E. STURKELL		

SWITZERLAND - SUISSE**ADHERING ORGANIZATION**

Swiss Academy of Sciences
Schwarztorstrasse 9
3007 Bern

NATIONAL COMMITTEE

Secretary: C. FIERZ

National Correspondents of the Associations

IACS:	C. FIERZ	IAG:	A. WIGET	IAGA:	A. KUVSHINOV P. WURZ
IAHS:	B. SCHÄDLER	IAMAS:	C.R. HOYLE	IAPSO:	
IASPEI:	J. CLINTON	IAVCEI:	P. ULMER		

THAILAND - THAILANDE**ADHERING ORGANIZATION**

National Research Council of Thailand
196 Phaholyothin Road
Bangkok, 10600

Contact: S. CHITTMITTRAPAP

NATIONAL COMMITTEE

President: N. CHOTSIRI

Secretary: C. PROMTHONG

National Correspondents of the Associations

IACS:		IAG:	N. CHOTSIRI	IAGA:	N. CHOTSIRI
IAHS:	K. PREMVUTI	IAMAS:	S. AGSORN	IAPSO:	K. KLINSUKON
IASPEI:	B. WECHBUNTHUNG	IAVCEI:	S. ASSAVAPATCHARA		

TURKEY - TURQUIE**ADHERING ORGANIZATION**

Ministry of National Defense
General Command of Mapping
06100 Dikimevi, Ankara

Web: www.hgk.msb.gov.tr

NATIONAL COMMITTEE

Acting President: M. KEŞAP

Secretary: E. SEZEN

Vice-President: O. LENK

National Correspondents of the Associations

IACS:	B. SELEK	IAG:	Y. ÜNVER	IAGA:	U. AKIN
IAHS:	H. AKSU	IAMAS:	A. KARATAŞ	IAPSO:	E. GEZGIN
IASPEI:	M. NURLU	IAVCEI:	A. TÜRKECAN		

UNITED KINGDOM - ROYAUME UNI**ADHERING ORGANIZATION**

The Royal Society
6-9 Carlton House Terrace
London SW1Y 5AG

Contact: R. COOPER

Web: www.royalsociety.org

NATIONAL COMMITTEE

Chair: D.N. COLLINS

Secretary: N. P. GOODY

National Correspondents of the Associations

IACS:	B. HUBBARD	IAG:	P.J. CLARKE	IAGA:	M.A. CLILVERD
IAHS:	D.M. HANNAH	IAMAS:	J.D. HAIGH	IAPSO:	H. BRYDEN
IASPEI:	A. RIETBROCK	IAVCEI:	A. SAUNDERS		

UNITED STATES OF AMERICA - ETATS UNIS D'AMERIQUE**ADHERING ORGANIZATION**

National Academy of Sciences
 Board on International Scientific Organizations
 The National Academies
 500 Fifth Street
 Washington D.C., 20001

Contact: E. SZTEIN**Web:** <http://www.nas.edu>**NATIONAL COMMITTEE****Chair:** J. FREYMUELLER**Vice-Chair:** M.C. HILL**National Correspondents of the Associations**

IACS:	T. PFEFFER D. MARKS	IAG:	J. FREYMUELLER	IAGA:	M. PURUCKER
IAHS:	M.C. HILL D. MARKS	IAMAS:	M. MacCRACKEN	IAPSO:	R. FINE
IASPEI:	J. HARDEBECK	IAVCEI:	T. PLANK		

VIETNAM**ADHERING ORGANIZATION**

Institute of Geophysics
 Vietnam Academy of Science and Technology (VAST)
 Nha A8-18, Hoang Quoc Viet, Cau Giay
 Hanoi

NATIONAL COMMITTEE**President:** N.X. ANH**Secretary:** N. V. GIANG**National Correspondents of the Associations**

IACS:	N.V. GIANG	IAG:	D.C. CONG	IAGA:	N.V. GIANG
IAHS:	N.X. ANH	IAMAS:	N.X. ANH	IAPSO:	B.C. QUE
IASPEI:	D.T. HAI	IAVCEI:	T.T. ANH		

ADDRESSES

- ABESSER**
Corinna
Vice-President, IAHS ICGW
- British Geological Survey
Maclean Building
Crowmarsh Gifford
Wallingford, Oxfordshire, OX10 8BB
UK
- T: 44 1491 692 296
F: 44 1491 692 345
c.abesser@bgs.ac.uk
- ABIDIN**
Hasanuddin Z.
IAG National Correspondent
- Institute of Technology of Bandung
Faculty of Earth Science and Technology
Department of Geodesy and Geomatics
Engineering
Jl. Ganesa 10
Bandung, 40132
INDONESIA
- T: 62 22 253 4286
F: 62 22 253 4286
hzabidin@gd.itb.ac.id
hzabidin@gmail.com
- ABOU-ASHOUR**
Prof. Dr. Nasser M. Hassan
*Member, IUGG Capacity Building & Education
Committee
Secretary, National Committee
IAHS National Correspondent*
- Ain Shams University
Faculty of Science
Geophysics Department
Abbassia
Cairo
EGYPT
- T: 20 2 2287 0427
T: 20 1 0510 7341
F: 20 2 2484 2123
n_aboashor@yahoo.com
- ACOCELLA**
Dr. Valerio
*Co-Leader, IAVCEI Commission on Collapse
Calderas*
- Rome Tre University
Department of Geology
Laboratory of Experimental Tectonics
Largo San Leonardo Murialdo, 1
00146 Rome
ITALY
- T: 39 06 5733 8043
acocella@uniroma3.it
- ADAM**
Prof. Dr. Jozsef
*President, IAG Communication & Outreach
Branch
President, National Committee
IAG National Correspondent
IAG Representative, IUGG Working Group on
History
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Budapest University of Technology and
Economics
Department of Geodesy and Surveying
P.O. Box 91
1521 Budapest
HUNGARY
- T: 36 1 463 3222
F: 36 1 463 3192
jadam@sci.fgt.bme.hu
- ADAMIA**
Prof. Shota
IAVCEI National Correspondent
- Chief Researcher
Javakishvili Tbilisi State University
Institute of Geophysics
Chavchadze av. 1
0128 Tbilisi
GEORGIA
- T: 995 32 299 8574
sh_adamia@hotmail.com
- ADLER**
Dr. Mary-Jeanne
IAHS National Correspondent
- National Institute of Hydrology and Water
Management
Sos. bucuresti - Ploiesti, nr. 97
013868 Bucharest
ROMANIA
- T: 40 21 318 1115
F: 40 21 318 1116
mj.adler@hidro.ro
- AGATON**
Commodore Rodolfo M.
Secretary, National Committee
- Director
Coast and Geodetic Survey Department
National Mapping and Resource Information
Authority (NAMRIA)
421 Barraca Street
San Nicolas
1010 Manila
PHILIPPINES
- T: 63 2 242 2955
F: 63 2 242 2090
rodolfoagaton@yahoo.com
- ÅGREN**
Dr. Jonas
IAG National Correspondent
- Swedish Mapping, Cadastre and Registry
Authority
Geodetic Research Division
SE- 801 82 Gävle
SWEDEN
- T: 46 26 633 420
F: 46 26 687 594
Jonas.Agren@lm.se
- AGSORN**
Mr. Songkran
IAMAS National Correspondent
- Deputy Director-General for Technical Services
Ministry of Information and Communication Thai
Technology
Meteorological Department
4353 Sukhumwit Road, Bangna
Bangkok
THAILAND
- T: 66 2 399 2355
F: 66 2 398 9222
agsorn@yahoo.com

AGUILERA BARAZZA Dr. Felipe <i>Secretary, IAVCEI Commission on the Chemistry of Volcanic Gases</i>	Departamento de Geología Universidad de Atacama Copayapu 485 Copiapó CHILE	felipe.aguilera@uda.cl
AHARONOV Prof. Einat <i>Vice-Chair, Union Commission on Mathematical Geophysics (CMG)</i>	The Hebrew University of Jerusalem The Institute of Earth Sciences Edmond J. Safra campus, Givat Ram Jerusalem, 91904 ISRAEL	T: 972 8 934 4228 F: 972 8 934 4124 einatah@cc.huji.ac.il
AHERN Dr. Timothy K. <i>Member, Union Commission on Data and Information (UCDI)</i>	IRIS Data Management Center 1408 NE 45th Street #201 Seattle, WA, 98105 USA	T: 1 206 547 0393 F: 1 206 547 1093 tim@iris.washington.edu
AHMADI-GIVI Assoc. Prof. Dr. Farhang <i>President, National Committee IAMAS National Correspondent</i>	University of Tehran Institute of Geophysics P.O. Box 14155-6466 Tehran IRAN	T: 98 21 8802 1072 T: 98 21 8802 1077 F: 98 21 8800 9560 ahmadig@ut.ac.ir
AHMED Mr. Darwish Mohamed <i>IACS National Correspondent</i>	General Director of Scientific Research Egyptian Meteorological Authority P.O.B. 11784 Kobry El Quobba Cairo EGYPT	T: 20 2 2682 0790 T: 20 2 183 513 4790 darwish_moh@yahoo.com
AHMED Mr. Rauf <i>IAG National Correspondent</i>	Deputy Director Survey of Pakistan Murree Road Rawalpindi PAKISTAN	T: 92 51 929 0213 F: 92 51 929 0229 svyofpak@yahoo.com
AHN Prof. Byung-Ho <i>IAGA National Correspondent</i>	Kyungpook National University Department of Earth Sciences 1370 Sankyuk-dong, Buk-gu Daegu, 702-701 KOREA	T: 82 53 950 5920 F: 82 53 950 5946 bhahn@bh.kyungpook.ac.kr
AKABZA Assoc. Prof. Thomas M. <i>IAG National Correspondent</i>	IUGG-Ghana Chief Director, Ministry of Energy/ Geology Department University of Ghana, Legon Accra GHANA	T: 233 24 632 5685 takabzaa@ug.edu.gh
AKIN Uğur <i>IAGA National Correspondent</i>	General Directorate of Mineral Research and Exploration Geophysics Department 06800 Cankaya, Ankara TURKEY	T: 90 312 201 1438 F: 90 312 285 3619 akin@mta.gov.tr
AKOTO Mr. Mawuli A. <i>Vice-President, National Committee IAGA National Correspondent</i>	IUGG-Ghana University of Ghana, Legon Geology Department Accra GHANA	T: 233 24 3321 2755 makoto@ug.edu.gh
AKSOY Hafzullah <i>President, IAHS ICSW</i>	Istanbul Technical University Department of Civil Engineering Hydraulics Division 34469 Maslak, Istanbul TURKEY	T: 90 212 285 6577 F: 90 212 285 6587 haksoy@itu.edu.tr
AKSU Dr. Hakan <i>IAHS National Correspondent</i>	General Directorate of State Hydraulic Works Department of Investigation, Planning and Allocations International Hydrological Activities Section 06100 Yucetepe Ankara TURKEY	T: 90 312 417 83 00/2477 F: 90 312 417 13 78 hakana@dsi.gov.tr
ALABI Prof. A.O. <i>IASPEI National Correspondent</i>	Ladoke Akintola University Department of Physics Ogbomoso NIGERIA	T: 234 803 329 8249 aolabi@yahoo.co.uk

- AL-BADRANI**
Mr. Mohammed
Contact Person, Adhering Organization
- Director
Directorate of International Cooperation
King Abdulaziz City for Science and Technology
(KACST)
P.O. Box 6068
Riyadh, 11442
SAUDI ARABIA
- T: 966 1 481 3384
F: 966 1 481 3441
mbadrani@kacst.edu.sa
int_coop@kacst.edu.sa
- ALBAREDE**
Dr. Francis
Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- Ecole Normale Supérieure de Lyon
46 Allée d'Italie
69364 Lyon Cedex 07
FRANCE
- T: 33 4 7272 8414
F: 33 4 7272 8677
francis.albarede@ens-lyon.fr
- AL-BASSAM**
Prof. Abdulaziz
IAHS National Correspondent
- King Saud University (KSU)
P.O. Box 2455
Riyadh, 11451
SAUDI ARABIA
- T: 966 1 467 0388
F: 966 1 467 0389
ambassam@ksu.edu.sa
- ALBINI**
Dr. Paola
Co-Chair, IASPEI Working Group on Historical Seismicity
- Istituto Nazionale di Geofisica e Vulcanologia
Sezione di Milano
Via E. Bassini 15
20133 Milan
ITALY
- T: 39 02 2369 9264
F: 39 02 2369 9458
albin@mi.ingv.it
- ALDAMEGH**
Dr. Khaled
Secretary General, National Committee IASPEI National Correspondent
- King Abdulaziz City for Science and Technology
(KACST)
Oil & Gas Research Institute
Mail Box # 6086
Riyadh, 11442
SAUDI ARABIA
- T: 966 1 481 4524
F: 966 1 481 3526
kdamegh@kacst.edu.sa
kdamegh@gmail.com
- ALESSANDRO**
Dra. Perla
IAMAS National Correspondent
- Ciudad Universitaria
Depto de Ciencias de la Atmósfera y los Océanos
Pabellón 2
Ciudad Autónoma de Buenos Aires
ARGENTINA
- T: 54 11 4576 3356
T: 54 11 4576 3364 int 30
F: 54 11 4576 3356
F: 54 11 4576 3364 int 12
perlaalessandro@yahoo.com.ar
iamas.cnargentina@gmail.com
perla@at1.fcen.uba.ar
- ALESTALO**
Prof. Dr. Mikko
IAMAS National Correspondent
- Finnish Meteorological Institute
P.O. Box 503
00101 Helsinki
FINLAND
- T: 358 9 1929 2210
F: 358 9 1929 2203
mikko.alestalo@fmi.fi
- AL HIJAJ**
Eng. Ahmed
Contact Person, Adhering Organization
- Deputy Director General
Royal Jordanian Geographic Centre
92, Ahmad Tarawneh Str.
P.O. Box 414
Al Jubayha, 11941
JORDAN
- T: 962 6 534 0075
F: 962 6 534 7694
aahijaj@hotmail.com
- ALKHALIFAH**
Prof. Tariq
President, National Committee
- 4700 King Abdullah University of Science and Technology (KAUST)
Physical Sciences and Engineering Division
Mail Box # 1280
Thuwal, 23955-6900
SAUDI ARABIA
- T: 966 2 8080 282
tariq.alkhalifah@kaust.edu.sa
- ALKOTAB**
Dr. Abdul Nasser
IAPSO National Correspondent
- Saud Geological Survey (SGS)
P.O. Box 54141
Jeddah, 21514
SAUDI ARABIA
- T: 966 2 619 500 ext. 4024
F: 966 2 619 6000
qutub.as@sgs.org.sa
- ALL**
M.Sc. Tarmo
IASPEI National Correspondent
- World Energy
Council
Rest wird noch mitgeteilt
ESTONIA
- ALLARD**
Dr. Patrick
Leader, IAVCEI Commission on the Chemistry of Volcanic Gases IAVCEI National Correspondent
- Equipe Géologie des systèmes volcaniques
Institut de Physique du Globe de Paris
1 rue Jussieu
75238 Paris Cedex 5
FRANCE
- T: 33 1 8395 7630
F: 33 1 8395 7713
pallard@ipgp.fr

- ALLISON**
Dr. Ian
*Member, IUGG Site Comparison Committee
Association Representative Member, Union
Commission on Climatic and Environmental
Change (CCEC)
IUGG Representative, ICSU Scientific Committee
on Antarctic Research (SCAR)
Past President, IACS (2009-2013)
IACS National Correspondent*
- Honorary Research Professor
Antarctic Climate & Ecosystems Cooperative
Research Centre
Private Bag 80
Hobart, TAS, 7001
AUSTRALIA
- T: 61 437 369 417
F: 61 3 6226 2440
ian.allison@utas.edu.au
- ALMEIDA**
Dra. Sara Louro de
IAPSO National Correspondent
- Informação Oceanografica
Instituto Hidrografico
R. das Trinas, 49
1249-093 Lisbon
PORTUGAL
- T: 351 21 094 3030
F: 351 21 094 3299
sara.almeida@hidrografico.pt
- ALVERSON**
Dr. Keith
*Secretary-Treasurer, Union Commission on
Climatic and Environmental Change (CCEC)*
- Director
Climate Change Adaptation and Terrestrial
Ecosystems Branch
UNEP-DEPI
P.O. Box 30552
Nairobi, 00100
KENYA
- T: 254 20 762 6707
F: 254 20 762 4249
keith.alverson@gmail.com
- AMAESHI**
Dr. Larry N.
Secretary General, National Committee
- University of Lagos
Department of Physics
Lagos
NIGERIA
- T: 234 803 576 7596
larryamma@yahoo.co.uk
- AMBRIZZI**
Prof. Tercio
IAMAS National Correspondent
- Universidade de São Paulo,
Departamento de Ciencias Atmosfericas
Instituto de Astronomia Geofisica e Ciencias
Atmosfericas - IAG
Rua do Matao, 1226
Butantã
Sao Paulo, SP, 05508-090
BRAZIL
- T: 55 11 3091 4731
F: 55 11 3091 2801
tercio.ambrizzi@iag.usp.br
- AMORY-MAZAUDIER**
Christine
*Co-Chair, IAGA Working Group on History of
Science*
- Centre d'Etudes des Environnements Terrestre et
Planétaires (CETP) /
Centre National de la Recherche Scientifique
(CNRS)
94107 Saint-Maur-des-Fossés
FRANCE
- T: 33 66 1851049
christine.amory@lpp.polytechnique.fr
- AMOS**
Dr. Matt
IAG National Correspondent
- Land Information New Zealand
PO Box 5501
Wellington, 6145
NEW ZEALAND
- T: 64 4 460 0559
mamos@linz.govt.nz
- ANDAH**
Dr. Winston E.I.
IAPSO National Correspondent
- Irrigation/ Water Resources Engineer
IUGG-Ghana
CSIR - Water Research Institute
P.O. Box M32
Accra
GHANA
- T: 233 21 779 514
T: 233 21 775 351
F: 233 21 777 170
weandah@africaonline.com.gh
- ANDERSEN**
Niels
IAG National Correspondent
- Deputy Director
National Space Center, DTU
Elektrovej, Building 328, room 106
2800 Kongens Lyngby
DENMARK
- T: 45 4525 9783
F: 45 4525 9575
na@space.dtu.dk
- ANH**
Dr. Nguyen Xuan
*President, National Committee
IAHS & IAMAS National Correspondent*
- Institute of Geophysics
VAST
Nha A8-18, Hoang Quoc Viet-Cau Giay
Hanoi
VIETNAM
- T: 84 4 37918271
F: 84 4 38364696
Nxuananh05@gmail.com
- ANH**
Dr. Tran Tuan
IAVCEI National Correspondent
- Institute of Geological Sciences
VAST
84 Chua Lang, Dong Da
Hanoi
VIETNAM
- T: 84 4 3775 4798
F: 84 4 3775 4797
Tuananh-tran@igsvn.ac.vn
t_tuananh@yahoo.com

- ANORNU**
Dr. Geophrey
President, National Committee
- IUGG-Ghana
Kwame Nkrumah University of Science and
Technology (KNUST)
Department of Civil Engineering
Kumasi
GHANA
- T: 233 24 488 2912
anoprof@hotmail.co.uk
anoprof1@yahoo.com
- ANSORGE**
Dr. Isabelle
Bureau Member, IUGG
IUGG Liaison, ICSU Regional Office for Africa
(ROA)
Member, IUGG Fellow Selection Committee
Vice-President, IAPSO
Chair, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- University of Cape Town
Department of Oceanography
Private Bag
Rondebosch, 7701
SOUTH AFRICA
- T: 27 21 650 3280
F: 27 21 650 3979
isabelle.ansorge@uct.ac.za
- APPEL**
Prof. Dr. Erwin
IGA National Correspondent
- University of Tübingen
Department of Geosciences
Sigwartstr. 10
72046 Tübingen
GERMANY
- T: 49 7071 297 4132
F: 49 7071 295 842
erwin.appel@uni-tuebingen.de
- APPLEBY**
Dr. Graham
Chair of the Governing Board, IAG International
Laser Ranging Service (ILRS)
- NERC Space Geodesy Facility
Herstmonceux Castle
Hailsham, East Sussex, BN27 1RN
UK
- T: 44 1323 833 888
F: 44 1323 833 929
gapp@nerc.ac.uk
- ARAKELYAN**
Dr. Avetis
IASPEI National Correspondent
- Armenian Association of Seismology and Physics
of the Earth (AASPE)
41 Orbeli Str.
Yerevan, 0028
Republic of ARMENIA
- T: 374 91 578 954
office@aspe.am
- ARDESTANI**
Prof. Dr. Vahid Ebrahimzadeh
IAG National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
ebrahimz@ut.ac.ir
- ARHEIMER**
Prof. Berit
IAHS National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Head of Hydrological Research
Swedish Meteorological and Hydrological
Institute (SMHI)
SE- 601 76 Norrköping
SWEDEN
- T: 46 11 495 8260
F: 46 11 495 8001
Berit.Arheimer@smhi.se
- ARIAS**
Dr. Elisa Felicitas
Director Time Section, IAG International Service:
Bureau International des Poids et Mesures
(BIPM)
- Head of Section Time, Frequency, Gravim.
Bureau International des Poids et Mesures
(BIPM)
Pavillon de Breteuil
92312 Sevres Cedex
FRANCE
- T: 33 1 4507 7076
F: 33 1 4507 7059
farias@bipm.fr
- ARORA**
Dr. Baldev Raj
Member, *IUGG Resolution Committee*
IACS & IAGA National Correspondent
- 36 Janakpuri
Engineer Enclave Phase III
GMS Road
Dehradun, 248 001
INDIA
- T: 91 135 276 1045
F: 91 135 252 5200
arorabr47@gmail.com
- ARRAJEHI**
Dr. Abdullah
IAG National Correspondent
- King Abdulaziz City for Science and Technology
(KACST)
P.O. Box 6086
Riyadh, 11442
SAUDI ARABIA
- T: 966 1 488 3444 ext. 3535
F: 966 1 481 3526
arrajehi@kacst.edu.sa
- ARRAS**
Dr. Christina
Co-Chair, IAGA Working Group II-C
- GFZ German Research Centre for Geosciences
GPS/Galileo Earth Observations
Telegrafenberg
14473 Potsdam
GERMANY
- T: 49 331 288 1168
arras@gfz-potsdam.de
- ARSHAD**
Commodore Muhammad
IAHS National Correspondent
- Hydrographer of Pakistan Navy
Hydrographic Department
11 Liaquat Barracks
NHQ Karachi, 75400
PAKISTAN
- T: 92 21 4850 6151
T: 92 21 4850 6152
F: 92 21 9920 1623
hydropk@paknavy.gov.pk
hydrpk@gmail.com

ASKEW Dr. Arthur J. <i>IUGG Liaison, World Meteorological Organization (WMO)</i>	4A Avenue de la Foretaille 1292 Chambésy, Geneva SWITZERLAND	T: 41 22 758 1445 arthuraskewge@bluewin.ch
ASSAVAPATCHARA Mr. San <i>IAVCEI National Correspondent</i>	Senior geologist Ministry of National Resources and Environment Department of Mineral Resources Bureau of Geological Survey 75/10 Rama 6 rd, Rajthaevee Bangkok, 10400 THAILAND	T: 66 2 621 9661 F: 66 2 621 9651 san@dmr.go.th
ASSUMPCÃO Dr. Marcelo Sousa de <i>Member, IASPEI Executive Committee IASPEI National Correspondent Secretary General, IASPEI Latin American and Caribbean Seismological Commission (LACSC) Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	University of São Paulo Inst. Astronomy, Geophysics, Atmospheric Sciences Rua do Matão, 1226 São Paulo, SP, 05508-090 BRAZIL	T: 55 11 3091 4755/4783/4766/2744 T: 55 11 3091 4766/2744 F: 55 11 3091 5034 marcelo.assumpcao@iag.usp.br
AURNOU Jonathan <i>Vice-Chair, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of California, Los Angeles 5690 Geology Bldg. P.O. Box 951567 Los Angeles, CA, 90095-1567 USA	T: 1 310 825 2054 F: 1 302 825 2779 aurnou@ucla.edu aurnou@gmail.com
AVETYAN Dr. Grigor <i>IAG National Correspondent</i>	Yerevan State University 1 Alex Manoogian Str. Yerevan, 0049 Republic of ARMENIA	T: 374 10 554 752 F: 374 10 554 641 rector@ysu.am
AYALA Dr. Rodolfo <i>Secretary General, National Committee</i>	Universidad Mayor de San Andres Facultad de Ciencias Geologicas Edif. HOY, piso 7 Av. 6 de Agosto No. 2170 P.O. Box 14400 La Paz BOLIVIA	T: 591 2 242 3848 rasayala@hotmail.com
AYELE Dr. Atalay <i>Chair, International Commission on Earth Sciences in Africa (ICESA)</i>	Addis Ababa University Institute of Geophysics, Space Science and Astronomy P.O.Box 11 Addis Ababa ETHIOPIA	T: 251 111 22393 F: 251 111 234 297 observatory.aau@telecom.net.et atalay@geobs.aau.edu.et atawon@yahoo.com
AYENI Mrs. Abimbola M. <i>Assistant Secretary General, National Committee</i>	University of Lagos Department of Surveying & Geoinformatics Akoka, Lagos NIGERIA	T: 234 803 201 6591 ayeni@unilag.edu.ng bim@loveable.com
BAAG Prof. Chang-Eob <i>IASPEI National Correspondent</i>	Seoul National University School of Earth and Environmental Science Silim-dong, Gwanak-gu Seoul, 151-742 KOREA	T: 82 2 880 6735 F: 82 2 888 8696 baagce@snu.ac.kr
BABAYEV Assoc. Prof. Dr. Gulam <i>Secretary General, National Committee Nationally Accredited Delegate to the 25th Council of the Union, 2011 Contact Person, Adhering Organization</i>	Head of International Relations Office of ANAS Istiglaliyyat Str., 10 AZ 1001 Baku AZERBAIJAN	T: 994 12 492 3446 T: 994 12 497 5283 F: 994 12 492 5699 gulam_babayev@bakililar.az
BADRO James <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	Institut de Physique du Globe de Paris 1 rue Jussieu 75005 Paris FRANCE	T: 33 1 8395 7799 badro@ipgp.fr
BAESEMAN Dr. Jenny <i>Chair, IUGG Early Career Scientist Award Committee</i>	Director, Association of Polar Early Career Scientists (APECS) University of Tromsø Hyperboreum 104, BFE 9037 Tromsø NORWAY	T: 47 4821 8095 jbaeseman@gmail.com

- BALL**
Mr. David
IAHS National Correspondent
- Independent Hydrogeologist
28 New Bride Street
Dublin 8
IRELAND
- T: 353 1 405 3925
davidbal@indigo.ie
- BALOGUN**
Prof. E.E.
IAMAS National Correspondent
- Obafemi Awolowo University
Department of Physics
Ile-Ife
NIGERIA
- T: 234 3623 0454
F: 234 3623 2975
ebalogun@oauife.edu.ng
- BALORAN**
Mr. Norelius G.
IAPSO National Correspondent
- Oceanographer
National Mapping and Resource Information
Authority (NAMRIA)
Coast and Geodetic Survey Department
Oceanography Division
421 Barraca Street
San Nicolas
1010 Manila
PHILIPPINES
- T: 63 2 247 0369
F: 63 2 242 2090
norelius06@gmail.com
norel_baloran@hotmail.com
- BANASIK**
Prof. Kazimierz
Vice-President, IAHS ICCE
- Warsaw University of Life Sciences - SGGW
Hydrology & River Sedimentation
ul. Nowoursynowska 166
02-787 Warsaw
POLAND
- T: 48 22 593 5280
F: 48 22 593 5273
kazimierz_banasik@sggw.pl
- BARLEBO**
Heidi
Vice-President, IAHS ICGW
- Geological Survey of Denmark and Greenland
Department of Hydrology
Øster Voldgade 10
1350 Copenhagen K
DENMARK
- T: 45 3814 2775
F: 45 3814 2050
hcb@geus.dk
- BARRIOT**
Dr. Jean-Pierre
*Director, IAG Service: International Centre for
Earth Tides (ICET)*
- Director of the Geosciences Laboratory
University of French Polynesia
BP 6570
98702 Tahiti
FRENCH POLYNESIA
- T: 689 803 884
F: 689 803 842
barriot@upf.pf
- BARTHELMES**
Dr. Franz
*Director, IAG International Centre for Global
Earth Models (ICGEM)*
- GFZ German Research Centre for Geosciences
Telegrafenberg
14473 Potsdam
GERMANY
- T: 49 331 288 1143
F: 49 331 288 1169
bar@gfz-potsdam.de
- BARTHOLY**
Prof. Dr. Judit
IACS National Correspondent
- Eötvös Loránd University (ELTE)
Faculty of Science
Department of Meteorology
P.O. Box 32
1518 Budapest
HUNGARY
- T: 36 1 372 2945
F: 36 1 372 2904
bari@ludens.elte.hu
- BARTON**
Dr. Charles
*Vice-Chair, Union Commission on Data and
Information (UCDI)
Past President, IAGA (2003-2007)*
- The Australian National University
Research School of Earth Sciences
Canberra, ACT, 0200
AUSTRALIA
- T: 61 2 6273 7477
T: 61 2 6227 9662
F: 61 2 6257 2337
charles.barton@anu.edu.au
- BARZAGHI**
Prof. Riccardo
*Service Representative, IAG Executive Committee
Chair, IAG International Gravity Field Service
(IGFS):*
- Politecnico di Milano
DIAR
Piazza Leonardo Da Vinci 32
20133 Milan
ITALY
- T: 39 02 2399 6528
F: 39 02 2399 6530
riccardo.barzaghi@polimi.it
- BATISTA**
Inez S.
*Chair, IAGA Inter-divisional Commission on
Developing Countries*
- National Institute for Space Research
Aeronomy Division
Av. dos Astronautas, 1758
São José dos Campos, SP, 12227-010
BRAZIL
- T: 55 12 3208 7153
F: 55 12 3208 6990
inez@dae.inpe.br
- BAUMGARDNER**
Dr. Darrel G.
Secretary, IAMAS ICCP
- Universidad Nacional Autónoma de México
Centro de Ciencias de la Atmósfera
Ciudad Universitaria
Del. Coyoacán
04510 México D.F.
MEXICO
- T: 52 55 5622 4053
darrel.baumgardner@gmail.com
- BAUTISTA**
Dr. Bartolome C.
*2nd Vice-President, IASPEI Asian Seismological
Commission (ASC)
IASPEI National Correspondent*
- University of the Philippines Campus
Department of Science and Technology
PHIVOLCS Building, C.P. Garcia Avenue
1101 Quezon City
PHILIPPINES
- T: 63 2 926 2611
F: 63 2 929 8366
bart@phivolcs.dost.gov.ph
bart_bautista@yahoo.com

- BEAL**
Lisa
Chair, SCOR/WCRP/IAPSO Working Group 136 on the Climatic Importance of the Greater Agulhas Current System
- University of Miami
Department of Meteorology and Physical Oceanography
Rosenstiel School of Marine and Atmospheric Science
4600 Rickenbacker Causeway
Miami, FL, 33149-1098
USA
- T: 1 305 421 4093
F: 1 305 421 4696
lbeal@rsmas.miami.edu
- BEAN**
Prof. Chris
IASPEI National Correspondent
- University College Dublin
UCD School of Geological Sciences
Belfield
Dublin 4
IRELAND
- T: 353 1 716 2140
F: 353 1 283 7733
chris.bean@ucd.ie
- BEAR-CROZIER**
Dr. Adele
Co-Leader, IAVCEI Commission on Volcanic Hazards and Risk
- Geoscience Australia
GPO Box 378
Canberra, Australian Capital Territory 2601
AUSTRALIA
- Adele.Bear-Crozier@ga.gov.au
- BEBBINGTON**
Mark
Leader, IAVCEI Commission on Statistics in Volcanology
- Massey University
Institute of Fundamental Sciences – Statistics
Private Bag
11222, Palmerston North
NEW ZEALAND
- T: 64 6 350 5799 ext. 2452
F: 64 6 350 5682
m.bebbington@massey.ac.nz
- BEER**
Dr. Tom
*Past President, IUGG
Chair, Union Commission on Climatic and Environmental Change (CCEC); Honorary Member, Union Commission on Geophysical Risk and Sustainability (GRC)
Chair, IUGG Resolution Committee
IUGG Liaison, WCRP
IAMAS National Correspondent*
- Centre for Australian Weather and Climate Research
CSIRO
107-121 Station Street
Private Bag 1
Aspendale, VIC, 3195
AUSTRALIA
- T: 61 3 9239 4546
F: 61 3 9239 4444
tom.beer@csiro.au
- BEG PAKLAR**
Dr. Gordana
*Secretary, National Committee
IAPSO National Correspondent*
- Institute of Oceanography and Fisheries
Setaliste Ivana Mestrovica 63
21000 Split
CROATIA
- T: 385 21 408 040
F: 385 21 358 650
beg@izor.hr
- BEHREND**
Dr. Dirk
Director of Coord. Centre, IAG International VLBI Service for Geodesy & Astrometry (IVS)
- NVI, Inc.
NASA Goddard Space Flight Center
Planetary Geodynamics Lab, Code 698
Greenbelt, MD, 20771
USA
- T: 1 301 614 5939
F: 1 301 614 6522
dbb@ivscc.gsfc.nasa.gov
- BEIG**
Dr. Gufran
Chair, IAGA Working Group II-F
- Indian Institute of Tropical Meteorology
Dr. Bhabha Road
Paschan Pune, 411 008
INDIA
- T: 91 20 2589 3600
F: 91 20 2589 3825
beig@tropmet.res.in
- BEN-ZION**
Dr. Yehuda
Chair, Union Commission on Mathematical Geophysics (CMG) - IASPEI Representative
- University of Southern California
Department of Earth Sciences
Mail Code 0740
Los Angeles, CA, 90089-0740
USA
- T: 1 213 740 6734
F: 1 213 740 8801
benzion@usc.edu
- BERBERY**
Prof. Ernesto Hugo
Member at Large, IAMAS
- University of Maryland
Department of Atmospheric & Oceanic Science/ESSIC
3427 Computer & Space Science Bldg.
College Park, MD, 20742-2425
USA
- T: 1 301 405 5351
F: 1 301 314 9482
berbery@atmos.umd.edu
- BERGMAN**
Michael I.
Secretary, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- Simon's Rock College of Bard
84 Alford Road
Great Barrington, MA, 01230
USA
- T: 1 413 528 7432
F: 1 413 528 7365
bergman@simons-rock.edu
- BERNARD**
Prof. Alain
*Webmaster, IAVCEI Commission on Volcanic Lakes
IAVCEI National Correspondent*
- Université Libre de Bruxelles
Geochemistry 160/02
Avenue Roosevelt 50
1050 Brussels
BELGIUM
- T: 32 2 650 2253
F: 32 2 650 2243
abernard@ulb.ac.be

- BERRY**
Prof. Philippa
Director, IAG International Digital Elevation Model Service (IDEMS)
- De Montfort University
Gateway House 5.37, The Gateway
Leicester, LE1 9BH
UK
- T: 44 116 257 7497
pamb@dmu.ac.uk
- BERTHIER**
Dr. Eric
IACS National Correspondent
- National Centre for Scientific Research (CNRS)
L'Observatoire Midi Pyrénées (OMP) - LEGOS
14 av E. Belin
31400 Toulouse
FRANCE
- T: 33 5 6133 2908
F: 33 5 6125 3205
etienne.berthier@legos.obs-mip.fr
- BETTADPUR**
Prof. Dr. Srinivas
Vice-President, IAG Commission 2: Gravity Field
- The University of Texas at Austin
Center for Space Research
3925 W. Braker Lane, Suite 200
Austin, TX, 78759-5321
USA
- T: 1 512 471 7587
F: 1 512 232 2443
srinivas@csr.utexas.edu
- BEUTLER**
Prof. Dr. Gerhard
Past President, IAG (2003-2007)
- University of Bern
Astronomical Institute
Sidlerstrasse 5
3012 Bern
SWITZERLAND
- T: 41 31 631 8591
F: 41 31 631 3869
gerhard.beutler@aiub.unibe.ch
- BHATTACHARYYA**
Prof. Archana
Member, IAGA Executive Committee
- Indian Institute of Geomagnetism
Kalamboli Highway
New Panvel
Navi Mumbai, 410 218
INDIA
- T: 91 22 2748 4147
F: 91 22 2748 0762
abh@iigs.iigm.res.in
archana.bhattacharyya@gmail.com
- BIASTOCH**
PD Dr. Arne
Chair, SCOR/WCRP/IAPSO Working Group 136 on the Climatic Importance of the Greater Agulhas Current System
- GEOMAR - Helmholtz Centre for Ocean Research Kiel
Ocean Circulation and Climate Dynamics
Düsternbrooker Weg 20
24105 Kiel
GERMANY
- T: 49 431 600 4013
F: 49 431 600 4012
abiastoch@geomar.de
- BIDOKHTI**
Prof. Dr. A. Ali-Akbri
IAPSO National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
bidokhti@ut.ac.ir
- BIELAK**
Prof. Jacobo
Co-Chair & IAEE Representative, IASPEL/IAEE Joint Working Group on Effects of Surface Geology
- Carnegie Mellon University
Civil & Environmental Engineering
Pittsburgh, PA, 15213-3890
USA
- T: 1 412 268 2958
F: 1 412 268 7813
jbielak@cmu.edu
- BIELIK**
Assoc. Prof. Miroslav
Secretary, National Committee
- Comenius University
Faculty of Natural Sciences
Department of Applied & Environmental Geophysics
842 15 Bratislava 4
SLOVAK REPUBLIC
- T: 421 2 6029 6359
F: 421 2 6029 6359
bielik@fns.uniba.sk
geofmiro@savba.sk
- BJÖRNSSON**
Dr. Halldór
IAMAS National Correspondent
- The Icelandic Meteorological Office
Bustadavegur 9
150 Reykjavik
ICELAND
- T: 354 522 6000
F: 354 522 6001
halldor@vedur.is
- BJÖRNSSON**
Dr. Helgi
IACS National Correspondent
- University of Iceland
Institute of Earth Sciences
Building of Natural Sciences, room 333
Sturlugata 7
101 Reykjavik
ICELAND
- T: 354 525 4730
F: 354 525 4632
hb@hi.is
- BLANC**
Lic. M.D. Silvia
*Member, IAPSO Executive Committee
Member, IUGG Committee on Membership Issues
Nationally Accredited Delegate to the 25th Council of the Union, 2011*
- Naval Service of Research & Development
Underwater Sound Division
Av. Libertador 327
1638 Vicente López, Pcia. de Buenos Aires
ARGENTINA
- T: 54 11 4797 8346 ext. 107
F: 54 11 4795 6895
silblanc@yahoo.com
iapso_argentina@yahoo.com.ar
- BLECKI**
Prof. Dr. Jan
IAGA National Correspondent
- Polish Academy of Sciences
Space Research Centre
Bartycka St. 18A
00-716 Warsaw
POLAND
- T: 48 22 840 3766
F: 48 22 840 3131
jblecki@cbk.waw.pl

- BLITZKOW**
Prof. Denizar
IAG National Correspondent
- Universidade de São Paulo
EPUSP-PTR
Caixa Postal 61548
São Paulo, SP, 05413-001
BRAZIL
- T: 55 11 3091 5501
F: 55 11 3091 5716
dblitzko@usp.br
- BLÖSCHL**
Prof. Dr. Günter
*Past President, IAHS ICWRS
IAHS National Correspondent*
- Vienna University of Technology
Institute of Hydraulic Engineering and Water
Resources Management
Karlsplatz 13/222
1040 Vienna
AUSTRIA
- T: 43 1 588 012 2315
F: 43 1 588 012 2399
bloeschl@hydro.tuwien.ac.at
- BOEHLER**
Dr. Reinhard
*Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- The Carnegie Institution of Washington
Geophysical Laboratory
5251 Broad Branch Rd. NW
Washington, DC 20015-1305
USA
- T: 1 202 478 8950
rboehler@ciw.edu
- BÖHM**
Prof. Dr. Johannes
IAG National Correspondent
- Vienna University of Technology
Department of Geodesy and Geoinformation
Gußhausstraße 25-29
1040 Vienna
AUSTRIA
- T: 43 1 58801 12864
johannes.boehm@geo.tuwien.ac.at
- BOEHNEL**
Dr. Harald
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Centro de Geociencias
Campus UNAM
Juriquilla
Queretaro
MEXICO
- T: 52 442 234 1106F: 52 442 238 1129
hboehnel@geociencias.unam.mx
- BOJARIU**
Dr. Roxana
IACS National Correspondent
- National Administration of Meteorology
Sos. Bucuresti - Ploiesti, nr. 97
013686 Bucharest
ROMANIA
- T: 40 21 316 3645
F: 40 21 316 7762
bojariu@clicknet.ro
- BOLTON**
M.Sc. Maiclaire
Chair, IASPEI Working Group on Default Depths
- Head, Seismic Safety
Provincial Emergency Program
Emergency Management British Columbia
455 Boleskine Road
PO Box 9201 Stn Prov Got
Victoria, BC, V8W 9J1
CANADA
- T: 1 250 952 4891
F: 1 250 952 4888
maiclaire.bolton@gov.bc.ca
- BONVALOT**
Dr. Sylvain
*Director, IAG Service: Bureau Gravimétrique
International (BGI)*
- Bureau Gravimétrique International
Observatoire Midi-Pyrénées
14-16 avenue Edouard Belin
31401 Toulouse Cedex 4
FRANCE
- T: 33 5 6133 2651
F: 33 5 6125 3098
bonvalot@ird.fr
- BORENÄS**
Assoc. Prof. Karin
IAPSO National Correspondent
- Swedish Meteorological & Hydrological Institute
Nya Varvet 31
SE- 426 71 Gothenburg
SWEDEN
- T: 46 31 751 8967
F: 46 31 751 8980
karin.borenas@smhi.se
- BORMANN**
Peter
*Secretary, IASPEI Commission on Seismological
Observation & Interpretation (CoSOI); Chair,
IASPEI Working Group on New Manual of
Seismological Observatory Practice; Co-Chair,
IASPEI Working Group on Magnitude
Measurements*
- Fichtenhof 5
14532 Kleinmachnow
GERMANY
- T: 49 33203 76824
F: 49 33203 76824
pb65@gmx.net
- BORTNIK**
Dr. Jacob
*IAGA Chair, IAGA/URSI WG: VLF/ELF Remote
Sensing of the Ionosphere & Magnetosphere
(VERSIM)*
- University of California
Dept of Atmospheric and Oceanic Sciences
405 Hilgard Ave / 7127
Los Angeles, CA 90095
USA
- T: 1 310 825 1659
F: 1 310 206 5219
jbortnik@atmos.ucla.edu
- BOSCH**
Dr. Wolfgang
*Chair of Steering Committee, IAG International
Altimetry Service (IAS)*
- German Geodetic Research Institute (DGFI)
Alfons-Goppel-Str. 11
80539 Munich
GERMANY
- T: 49 89 230 311 115
F: 49 89 230 311 240
bosch@dgfi.badw.de

- BOSSU**
Dr. Rémy
Chair, IASPEI Task Group on Definition of Authoritative Locations
- Centre Sismologique Euro-Mediterranean
c/o LDG
BP 12
91680 Bruyères le Chatel
FRANCE
- T: 33 1 6926 7814
F: 33 1 6926 7000
bossu@emsc-csem.org
- BOTELER**
Dr. David H.
*Executive Committee Member, Union Commission on Geophysical Risk and Sustainability (GRC)
Co-Chair, IAGA Inter-divisional Commission on History*
- Natural Resources Canada
2617 Anderson Road
1st Floor, Room 5
Ottawa, ON, K1A 0Y3
CANADA
- T: 1 613 837 2035
F: 1 613 824 9803
dboteler@nrcan.gc.ca
David.Boteler@NRCan-RNCan.gc.ca
- BOUCHER**
Dr. Claude
*President, National Committee IUGG Representative, CCTF
Past Secretary General, IAG (1991-1995)*
- 103 avenue Philippe-Auguste
75011 Paris
FRANCE
- T: 33 1 4373 8423
claud.boucher@club-internet.fr
- BOYNAGRYAN**
Prof. Dr. Vladimir
IACS & IAHS National Correspondent
- Head of Geomorphology & Cartography
Yerevan State University
1 Alex Manoogian Str
Yerevan, 0025
Republic of ARMENIA
- T: 374 10 550 661
T: 374 91 935 139
F: 374 10 554 641
vboynagryan@ysu.am
- BOZO**
Dr. Laszlo
Secretary, National Committee IAMAS National Correspondent
- Hungarian Meteorological Service
P.O. Box 38
1525 Budapest
HUNGARY
- T: 36 1 346 4660
F: 36 1 346 4669
bozo.l@met.hu
- BRANFIREUN**
Dr. Brian
President, National Committee IAHS National Correspondent
- University of Western Ontario
Biological & Geological Sciences
London, ON, N6A 5B7
CANADA
- T: 1 519 661 3187
F: 1 519 661 3198
bbranfir@uwo.ca
- BRAY**
Mr. Colin D.
IAG National Correspondent
- Chief Executive Officer
Ordnance Survey Ireland
Phoenix Park
Dublin 8
IRELAND
- T: 353 1 802 5300
F: 353 1 820 4156
Colin.Bray@osi.ie
- BREGER**
Ing. Germain
IAG National Correspondent
- Administration des Services du Géomètre
Ville de Luxembourg
3, rue du Laboratoire
1911 Luxembourg
LUXEMBOURG
- T: 352 4796 2394
F: 352 223 536
gbreger@vdl.lu
- BRESTENSKY**
Assoc. Prof. Jozef
*IAGA National Correspondent
Nationally Accredited Delegate to the 25th Council of the Union, 2011*
- Comenius University
Faculty of Mathematics, Physics and Informatics
Department of Astronomy, Physics of the Earth, and Meteorology
Mlynska Dolina F1
842 48 Bratislava
SLOVAK REPUBLIC
- T: 421 2 6029 5673
F: 421 2 6542 5982
Brestensky@fmph.uniba.sk
- BRIMICH**
Dr. Ladislav
IAG National Correspondent
- Slovak Academy of Sciences
Geophysical Institute
Dubravska Cesta 9
845 28 Bratislava 45
SLOVAK REPUBLIC
- T: 421 2 5941 0600
F: 421 2 5941 0626
geofbrim@savba.sk
- BRLEK**
Ivan
IASPEI National Correspondent
- Federal Meteorological Institute
Bardakcije 12
71000 Sarajevo
BOSNIA & HERZEGOVINA
- T: 387 61 109 564
F: 387 33 276 728
ivanbrlek@yahoo.com
- BRUNINI**
Prof. Dr. Claudio
Member at Large, IAG Executive Committee Member, IUGG Gold Medal Committee
- Universidad Nacional de La Plata
Facultad de Ciencias Astrómicas y Geofísicas
Paseo del Bosque S/N
1900 La Plata
ARGENTINA
- T: 54 221 423 6593 ext. 154
F: 54 221 423 6591
claudiobrunini@yahoo.com
claudio@fcaglp.edu.ar
- BRUYNINX**
Dr. Carine
Secretary, National Committee IAG National Correspondent
- Koninklijke Sterrenwacht van België
Ringlaan 3
1180 Brussels
BELGIUM
- T: 32 2 373 0292
F: 32 2 374 9822
carine.bruyninx@oma.be

BRYDEN Prof. Harry <i>Member, IUGG Honours & Recognition Committee</i> <i>IAPSO National Correspondent</i>	University of Southampton National Oceanography Centre Southampton European Way Southampton, SO14 3ZH UK	T: 44 2380 596 437 H.Bryden@noc.soton.ac.uk
BRZEZINSKI Prof. Dr. Aleksander <i>Vice-President, IAG Commission 3: Earth Rotation and Geodynamics</i> <i>Secretary, National Committee</i>	Warsaw University of Technology Politechniki Sq. 1 00-661 Warsaw POLAND	T: 48 607 211 589 F: 48 22 621 3680 alek@cbk.waw.pl a.brzezinski@gik.pw.edu.pl
BUFFETT Dr. Bruce A. <i>Past Chair & Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i> <i>IASPEI Representative, IAU/IUGG Working Group on Non-rigid Earth Nutations</i>	University of Chicago Department of Geophysical Sciences 5734 S. Ellis Avenue Chicago, IL, 60637 USA	T: 1 773 702 8107 F: 1 773 702 9505 buffett@geosci.uchicago.edu
BURG Prof. Jean-Pierre <i>Bureau Member, SCL/ILP</i>	ETH Zurich Institute of Geology Sonneggstr. 5 8092 Zurich SWITZERLAND	T: 41 44 632 6027 F: 41 44 632 1030 jean-pierre.burg@erdw.ethz.ch
BURROWS Prof. Dr. John P. <i>President, IAMAS ICACGP</i>	University of Bremen - FB1 Institute of Environmental Physics and Remote Sensing IUP/IFE Postfach 330440 28334 Bremen GERMANY	T: 49 421 2186 2100 F: 49 421 218 4555 burrows@iup.physik.uni-bremen.de
BUSHATI Prof. Dr. Salvatore <i>IAGA National Correspondent</i>	Secretary of Natural & Technical Sciences Section Academy of Sciences Tirana ALBANIA	T: 355 4 225 9657 F: 355 4 223 0305 sbushati@yahoo.com
BUTLER Jim <i>President, IAHS ICGW</i>	Kansas Geological Survey 1930 Constant Avenue Lawrence, KS, 66047-3726 USA	T: 1 785 864 2116 F: 1 785 864 5317 jbutler@kgs.ku.edu
BUYTAERT Wouter <i>Secretary, IAHS ICWQ</i>	Imperial College London Department of Civil and Environmental Engineering London UK	T: 44 20 7594 1329 w.buytaert@imperial.ac.uk
BØGH Ass. Prof. Eva <i>President, IAHS ICCLAS</i> <i>IAHS National Correspondent</i>	University of Roskilde Dept. of Environmental, Social and Spatial Change Building 02, P.O. Box 260 4000 Roskilde DENMARK	T: 44 4674 3942 F: 44 4674 3031 eboegh@ruc.dk
CABRAL Dr. Enrique <i>IAG National Correspondent</i>	Instituto de Geofísica, UNAM Ciudad Universitaria 04510 Mexico, D.F. MEXICO	T: 52 55 5622 4120 F: 52 55 5616 2547 ecabral@geofisica.unam.mx
CADEK Dr. Ondřej <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	Charles University Faculty of Mathematics & Physics Department of Geophysics KG MFF UK, V Holesovickach 2 180 00 Prague 8 CZECH REPUBLIC	T: 420 221 912 545 F: 420 221 912 555 oc@karel.troja.mff.cuni.cz
CAHALAN Dr. Robert <i>President, IAMAS IRC</i>	Chief, Climate & Radiation Branch NASA/Goddard Space Flight Center Greenbelt, MD, 20771 USA	T: 1 301 614 5390 F: 1 301 614 6307 robert.f.cahalan@nasa.gov
CAIRNS Prof. Iver <i>Member, IAGA Executive Committee</i> <i>IAGA National Correspondent</i>	University of Sydney School of Physics Sydney, NSW, 2006 AUSTRALIA	T: 61 2 9351 3961 F: 61 2 9351 7726 cairns@physics.usyd.edu.au

CALDER Dr. Eliza S. <i>Co-Leader, IAVCEI Commission on Volcanic Hazards and Risk</i>	University at Buffalo Department of Geology 415 Hochstetter Hall Buffalo, NY 14260 USA	T: 1 716 645 4329 ecalder@buffalo.edu
CALVACHE Dr. Marta Lucía <i>IAVCEI National Correspondent</i>	Amenazas Geológicas y Entorno Ambiental Instituto Colombiana de Geología y Minería INGEOMINAS Diagonal 53 No. 34-53 Bogotá, D.C. COLOMBIA	T: 57 1 220 0207 F: 57 1 222 0020 mcalvache@ingeominas.gov.co
CAMELBEECK Dr. Thierry <i>President, National Committee IASPEI National Correspondent</i>	Observatoire Royal de Belgique Avenue Circulaire 3 1180 Brussels BELGIUM	T: 32 2 373 0252 F: 32 2 374 9822 thierry.camelbeeck@oma.be
CAMFIELD Dr. Fred E. <i>Treasurer, IAPSO</i>	700 Longview Street Vicksburg, MS, 39180-6071 USA	T: 1 601 636 1363 fecamfield@bellsouth.net
CANEVA Alexander <i>IAGA National Correspondent</i>	Universidad Antonio Nariño Centro de Investigaciones Calle 58 A No 37-94 oficina 201 Bogotá, D.C. COLOMBIA	T: 57 1 315 2997 F: 57 1 548 1720 alexander.caneva@uan.edu.co
CANHANGA Mr. Senibaldo <i>IAPSO National Correspondent</i>	Téc. Superior de Tranp. e Comunicações Instituto N. Hidrografia e Navegação C.P. Maputo MOZAMBIQUE	T: 258 82 848 9780 F: 258 21 430 185 scanhanga@yahoo.com.br
CAPRA Dr. Lucia <i>Co-Leader IAVCEI/IACS Commission on Volcano-Ice Interaction</i>	Centro de Geociencias Universidad Nacional Autónoma de México (UNAM) Blvd. Juriquilla No. 3001 Querétaro, 76230 MÉXICO	T: 52 55 5623 4104 Ext. 177 lcapra@geociencias.unam.mx
CAREY Prof. Marc <i>IACS Representative, IUGG Working Group on History</i>	University of Oregon Robert D. Clark Honors College Eugene, OR, 97403 USA	T: 1 541 346 8077 carey@uoregon.edu
CARDENAS Contreras Andres <i>Vice-President, National Committee</i>	Universidad Distrital Ingenieria Catastral Geodesia Carrera 8 No. 40 - 63 Piso 5Bogotá, D.C. COLOMBIA	T: 57 1 3238400 ext 1515 T: 57 1 3239300 ext 1515 F: 57 1 3239300 ext 2500 acardenas@udistrital.edu.co
CAREY Dr. Rebecca <i>Leader, IAVCEI Commission on Submarine Volcanism</i>	University of Tasmania Faculty of Science, Engineering & Technology Earth Sciences (Geology, Geophysics & Geochemistry) Sandy Bay Campus, Physics Building Hobart Tasmania 7001 AUSTRALIA	T: 61 3 6226 2987 F: 61 3 6226 2547 Rebecca.Carey@utas.edu.au
CARN Dr. Simon A. <i>Secretary, IAVCEI Commission on Remote Sensing</i>	Michigan Technological University Department of Geological and Mining Engineering and Sciences 1400 Townsend Drive Houghton, MI 49931 USA	T: 1 906 487 1756 F: 1 906 487 3371 scarn@mtu.edu
CARNIEL Dr. Roberto <i>EC Member, Union Commission on Mathematical Geophysics (CMG) - IAVCEI Representative</i>	Università di Udine Faculty of Engineering Via delle Scienze 208 33100 Udine ITALY	T: 39 0432 558 749 F: 39 0432 558 302 roberto.carniel@uniud.it
CARRASCO Hellwig Cap. Patricio <i>IAPSO National Correspondent</i>	Director Servicio Hidrográfico y Oceanográfico de la Armada (SHOA) Errázuriz 232, Casilla 324 Playa Ancha, Valparaíso CHILE	T: 56 32 226 6666 F: 56 32 226 6542 director@shoa.cl

- CAS**
Prof. emer. Ray
President, IAVCEI
IAVCEI National Correspondent
Chair IUGG Committee on Membership Issues
- Monash University
School of Geosciences
P.O. Box 28
Victoria, 3800
AUSTRALIA
- T: 61 3 9905 4897
F: 61 3 9905 4903
ray.cas@monash.edu.au
- CASASSA**
Dr. Gino
IACS National Correspondent
- Dirección de Programas Antárticos y Subantárticos
Centro de Estudios Científicos
Universidad de Magallanes
Avenida Bulnes 01855/casilla 113 D
Punta Arenas CHILE
- T: 56 61 2207000
gino.casassa@gmail.com
- CASTRO Dorado**
Prof. Antonio
Executive Committee Member, Union
Commission on the Study of the Earth's Deep Interior (SEDI)
- University of Huelva
Department of Geology
Campus del Carmen
21071 Huelva
SPAIN
- T: 34 959 219 828
dorado@uhu.es
- CERMAK**
Dr. Vladimír
President, National Committee
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Academy of Sciences of the Czech Republic
Institute of Geophysics
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 385
F: 420 272 762 546
cermak@ig.cas.cz
- CHADHA**
Dr. Rajendra Kumar
Secretary General, IASPEI Asian Seismological Commission (ASC)
- National Geophysical Research Institute
Uppal Road
Hyderabad, 500 007
INDIA
- T: 91 40 2343 2348
F: 91 40 2343 4651
chadha@ngri.res.in
- CHAO**
Prof. Benjamin Fong
IAG National Correspondent
- Academia Sinica
Institute of Earth Sciences
P.O. Box 1-55 Nankang
Taipei, Taiwan, 115
CHINA-TAIPEI
- T: 886 2 2783 9910 ext 103
T: 886 2 2783 9910 ext 517
F: 886 2 2783 9871
bfchao@earth.sinica.edu.tw
- CHARGAZIA**
Dr. Khatuna
IAGA National Correspondent
- Javakhsivili Tbilisi State University
Institute of Geophysics
Chavchadze av. 1
0128 Tbilisi
GEORGIA
- T: 995 32 233 4186
F: 995 32 233 5934
khatuna.chargazia@gmail.com
- CHATRUCA**
Lucas
IAHS National Correspondent
- Direcção Nacional de Águas
C.P. 1143
Av. 25 de Setembro No. 942
11 Andar
Maputo
MOZAMBIQUE
- T: 258 21 322 181
T: 258 21 322 182
F: 258 21 305 240
- CHATTOPADHYAY**
Dr. Brotati
Contact Person, Adhering Organization
- Assistant Executive Secretary
Indian National Science Academy
Bahadur Shah Zafar Marg
New Delhi, 110 002
INDIA
- T: 91 11 2322 1931-1950 (20 lines)
F: 91 11 2322 1959
F: 91 11 2323 1095
icsu@insa.nic.in
- CHAU**
Assoc. Prof. Dr. Ha Duyen
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Vietnam Academy of Science and Technology (VAST)
Institute of Geophysics
18 Hoang Quoc Viet
Hanoi
VIETNAM
- T: 84 4 3756 6893
F: 84 4 3836 4696
hdchauigp@yahoo.com
- CHELIDZE**
Prof. Tamaz
President, National Committee
- Corresponding Member, National Academy of Science
Head, Department of Seismology and Experimental Geophysics
Institute of Geophysics
Javakhsivili Tbilisi State University
Alexidze st. 1
0171 Tbilisi
GEORGIA
- T: 995 32 233 867
F: 995 32 233 867
tamaz.chelidze@gmail.com
- CHEN**
Prof. Arthur C.T.
IACS & IAPSO National Correspondent
- National Sun Yat-Sen University
Institute of Marine Geology & Chemistry
Kaohsiung, Taiwan, 80424
CHINA-TAIPEI
- T: 886 7 525 5146
F: 886 7 525 5346
ctchen@mail.nsysu.edu.tw

- CHEN**
Prof. Jiuhua
Chair & IASPEI Representative, IASPEI/IAVCEI Commission on Physics & Chemistry of Earth Materials
- Florida International University
Department of Mechanical and Materials Engineering
EC 3471, Engineering Center
10555 W Flagler Street
Miami, FL 33172
USA
- T: 1 305 348 3140
F: 1 305 348 3070
chenj@fiu.edu
- CHEN**
Yangbo
Secretary, IAHS ICERS
- Sun Yat-Sen University
School of Geography Sciences & Planning
Guangzhou, 510275
CHINA
- T: 86 20 8411 4269
F: 86 20 8414 0874
eescyb@mail.sysu.edu.cn
- CHEN**
Prof. Yun-tai
1st Vice-President, IASPEI Asian Seismological Commission (ASC)
- China Earthquake Administration
Institute of Geophysics
5 Minzu Daxue Nan Road
Beijing, 100081
CHINA
- T: 86 10 6841 5370
F: 86 10 6872 9233
chenyt@cea-igp.ac.cn
- CHIODINI**
Giovanni
Leader, IAVCEI Commission on the Chemistry of Volcanic Gases
- Istituto Nazionale di Geofisica e Vulcanologia (INGV)
Osservatorio Vesuviano
Via Diocleziano 328
80124 Napoli
ITALY
- T: 39 081 6108448
F: 39 081 6100811
giovanni.chiodini@ov.ingv.it
- CHISWELL**
Dr. Steve
IAPSO National Correspondent
- National Institute of Water & Atmospheric Research
P.O. Box 14-901
Wellington
NEW ZEALAND
- T: 64 4 386 0300
F: 64 4 386 2153
s.chiswell@niwa.co.nz
- CHITMITRAPAP**
Prof. Soottiporn
Contact Person, Adhering Organization
- Secretary General
National Research Council of Thailand
196 Phaholyothin Road
Chatuchak
Bangkok, 10900
THAILAND
- T: 66 2 561 2445 ext. 489
F: 66 2 579 0566
soottiporn@gmail.com
- CHOTSIRI**
Lt. Gen. Nopphadon
President, National Committee IAG & IAGA National Correspondent Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Director
Ministry of Defence
Royal Thai Survey Department
Royal Thai Armed Forces Headquarters
Kalayanamaitri Street, Phranakhon
Bangkok, 10200
THAILAND
- T/F: 66 2 221 2884
nopphadon@rtsd.mil.th
- CHRISTENSEN**
Prof. Ulrich R.
Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- Max Planck Institute for Solar System Research
Max-Planck-Str. 2
37191 Katlenburg-Lindau
GERMANY
- T: 49 5556 979 542
F: 49 5556 979 219
Christensen@mps.mpg.de
- CHULLIAT**
Dr. Arnaud
Co-Chair, IAGA Working Group V-OBS
- Institut de Physique du Globe de Paris
Géomagnétisme / Observatoires magnétiques
Bureau 111
1, rue Jussieu
75238 Paris Cedex 05
FRANCE
- T: 33 1 83 95 74 90
F: 33 1 83 95 77 09
chulliat@ipgp.fr
- CIMBARO**
Agrim. Sergio Rubén
President, National Committee
- Instituto Geografico Nacional
Av. Cabildo 381
1426 Buenos Aires
ARGENTINA
- T: 54 11 4576 5565
T: 54 11 4576 5566
T: 54 11 4576 5567
F: 54 11 4576 5529
scimbaro@ign.gob.ar
srcimbaro@yahoo.com.ar
scg.cnuggi@gmail.com
- CIONI**
Raffaello
Secretary, IAVCEI Commission on Tephra Hazard Modelling
- Università degli Studi di Cagliari
Dipartimento Scienze della Terra
Via Trentino, 51
09127 Cagliari
ITALY
- T: 39 070 675 7714
F: 39 070 282236
rcioni@unica.it
- CLARKE**
Amanda
Co-Leader, IAVCEI Commission on Explosive Volcanism
- Arizona State University
School of Earth and Space Exploration
PO Box 876004
Tempe, AZ 85287-6004
USA
- T: 1 480 965 6590
F: 1 480 965 8102
Amanda.Clarke@asu.edu

CLARKE Prof. Peter J. <i>IAG National Correspondent</i>	Newcastle University School of Civil Engineering and Geosciences G.12 Cassie Building Newcastle upon Tyne, NE1 7RU UK	T: 44 191 208 6351 T: 44 191 208 6323 F: 44 191 208 6502 Peter.Clarke@newcastle.ac.uk
CLAUSER Prof. Christoph <i>Past Chair, IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC)</i>	RWTH Aachen University Institute of Applied Geophysics and Geothermal Energy E.ON Energy Research Center Mathieustr. 6 52074 Aachen GERMANY	T: 49 241 804 9881 F: 49 241 804 9889 cclausen@eonerc.rwth-aachen.de
CLAVERO Ribes Dr. Jorge E. <i>Vice-Chair, IASPEI/IAVCEI Working Group on Subduction Zones Located in Developing Countries</i>	Servicio Nacional de Geología y Minería Department of Regional Geology Av. Santa Maria 0104 - Providencia Santiago CHILE	T: 56 2 737 5050 F: 56 2 777 6802 jclavero@sernageomin.cl jorgeclavero@yahoo.com
CLINTON Dr. John F. <i>IASPEI National Correspondent</i>	ETH Zurich Swiss Seismological Service (SED) Sonneggstr. 5 NO FO 69.3 8092 Zurich SWITZERLAND	T: 41 44 633 44 36 F: 41 44 633 10 65 john.clinton@sed.ethz.ch
CLIVER Dr. Edward <i>Chair, IUGG Working Group on History IAGA Representative, IUGG Working Group on History</i>	Space Vehicles Directorate Air Force Research Laboratory AFRL/VSBXS 29 Randolph Rd Hanscom AFB, MA, 01731-3010 USA	T: 1 781 377 3975 F: 1 781 377 3160 edward.cliver@hanscom.af.mil
CLILVERD Dr Mark A. <i>IAGA National Correspondent</i>	British Antarctic Survey High Cross Madingley Road Cambridge, CB3 0ET UK	T: 44 1223 221 400 macl@bas.ac.uk
CLOETINGH Prof. Dr. Sierd A.P.L. <i>President, SCL/ILP</i>	Utrecht University Faculty of Geosciences Department of Earth Sciences P.O. Box 80021 3508 TA Utrecht THE NETHERLANDS	T: 31 30 253 7314 F: 31 30 253 5030 sierd.cloetingh@uu.nl
CLUCKIE Prof. Ian David <i>Past President, IAHS ICRS</i>	Swansea University PVC, Science and Engineering Room 201 Singleton Abbey Singleton Park Swansea, SA2 8PP UK	T: 44 1792 205678 cluckie@swansea.ac.uk
COCCO Dr. Massimo <i>IASPEI National Correspondent</i>	Istituto Nazionale di Geofisica e Vulcanologia (INGV) Via di Vigna Murata 605 00143 Rome ITALY	T: 39 06 5186 0401 F: 39 06 5186 0507 massimo.cocco@ingv.it
COLE Ms. Janine <i>IASPEI National Correspondent</i>	Council for Geoscience Private Bag X112 Pretoria, 0001 SOUTH AFRICA	T: 27 12 841 1195 F: 27 12 841 1203 jcole@geoscience.org.za
COLIN DE VERDIERE Prof. Alain <i>IAPSO National Correspondent</i>	Université de Bretagne Occidentale Laboratoire de Physique des Océans 6 avenue Le Gorgeu - CS 93837 29238 Brest Cedex FRANCE	T: 33 2 9801 6224 F: 33 2 9801 6468 acolindv@univ-brest.fr
COLLINI Dra. Estela Angela <i>Treasurer, National Committee</i>	Servicio de Hidrografía Naval - Servicio Meteorológico Nacional 25 de mayo 658 4to piso Ciudad Autónoma de Buenos Aires ARGENTINA	T: 54 11 4317 6000 int. 18320 F: 54 11 5167 6711 eacollini@yahoo.com estela.collini@gmail.com

- COLLINS**
Prof. Adrian
Vice-President, IAHS ICCE
- Head of Water Quality Science
ADAS
Woodthorne
Wergs Road
Wolverhampton, WV6 8TQ
UK
- T: 44 1902 693 404
adrian.collins@adas.co.uk
- COLLINS**
Dr. Daniel
IAHS National Correspondent
- National Institute of Water and Atmospheric
Research (NIWA)
PO Box 8602
Christchurch 8440
NEW ZEALAND
- T: 64 3 343 8033
Daniel.Collins@niwa.co.nz
- COLLINS**
Prof. David N.
*Chair, IUGG Finance Committee
Chair, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- University of Salford
School of Environment & Life Sciences
Salford Crescent
Manchester, M5 4WT
UK
- T: 44 161 295 4519
F: 44 161 295 5015
d.n.collins@salford.ac.uk
- COLLISCHONN**
Dr. Walter
Vice-President, IAHS ICSW
- Federal University of Rio Grande do Sul
Institute of Hydraulic Research
Av. Bento Goncalves 9500
Caixa Postal 15029
Porto Alegre, RS, 91501-970
BRAZIL
- T: 55 51 3316 6415
F: 55 51 3316 6565
collischonn@iph.ufrgs.br
- COMBRINCK**
Prof. Ludwig
IAG National Correspondent
- Associate Director: Space Geodesy
Hartebeesthoek Radio Astronomy Observatory
(HartRAO)
PO Box 443
Krugersdorp 1740
SOUTH AFRICA
- T: 27 12 301 3224
T: 27 12 301 3100
F: 27 12 301 3300
ludwig@hartrao.ac.za
- COMTE**
Dra. Diana
IASPEI National Correspondent
- Universidad de Chile
Departamento de Geofisica
Blanco Encalada 2085, Casilla 2777
Santiago
CHILE
- T: 56 2 2978 4568
F: 56 2 2696 8686
dcomte@dgf.uchile.cl
- CONCEIÇÃO**
Rommulo Vieira
IAVCEI National Correspondent
- Universidade Federal do Rio Grande do Sul
Instituto de Geociências - Laboratório de
Geologia Isotópica (LGI-IG)
Caixa Postal: 15.001
Porto Alegre, RS, 91501-970
BRAZIL
- T: 55 51 3308 7193
F: 55 51 3308 7302
rommulo.conceicao@ufrgs.br
- CONG**
Dr. Duong Chi
IAG National Correspondent
- Vietnam Institute of Geodesy and Cartography
479 Hoang Quoc Viet, Cau Giay
Hanoi
VIETNAM
- T: 84 4 6269 4426
F: 84 4 3754 0186
chicong.duong@gmail.com
- CONSTABLE**
Dr. Catherine
*Executive Committee Member, Union
Commission on the Study of the Earth's Deep
Interior (SEDI)*
- University of California San Diego
Scripps Institute of Oceanography
Institute of Geophysics & Planetary Physics
La Jolla, CA, 92093-0225
USA
- T: 1 858 534 6084
F: 1 858 534 5332
cconstable@ucsd.edu
- COOPER**
Miss Ruth
Staff Liaison, National Committee
- The Royal Society
6-9 Carlton House Terrace
London, SW1Y 5AG
UK
- T: 44 20 7451 2587
F: 44 20 7925 2620
Ruth.Cooper@royalsociety.org
- COP**
Dr. Rudi
*Vice-President, National Committee
IAGA National Correspondent*
- Higher Education Center Sezana
Laboratory of Geomagnetism and Aeronomy
Kraska ulica 2
SI- 6210 Sezana
SLOVENIA
- T: 386 5 731 3510
F: 386 5 731 3511
rudi.cop@artal.si
- COREN**
Franco
*Secretary of the Central Bureau, IAG
International Gravity Field Service (IGFS)*
- Istituto Nazionale di Oceanografia e di Geofisica
Sperimentale
Borgo Grotta Gigante 42/C
34010 Sgonico (TS)
ITALY
- T: 39 040 21401
F: 39 040 327 307
fcoren@inogs.it

COUSENS Dr. Brian <i>IAVCEI National Correspondent</i>	Carleton University Earth Sciences 11525 Colonel By Drive Ottawa, ON, K1S 5B6 CANADA	T: 1 613 520 2600 ext 4436 F: 1 613 520 5613 brian_cousens@carleton.ca
COUSTENIS Dr. Athena <i>IUGG Liaison, SCOR President, IAMAS</i>	LESIA (Bât. 18) Observatoire de Meudon 92195 Meudon Cedex FRANCE	T: 33 1 4507 7720 F: 33 1 4507 7469 athena.coustenis@obspm.fr
COWAN Dr. Marie <i>Secretary, National Committee for Ireland</i>	Geological Survey of Northern Ireland Colby House Stranmillis Road Malone Lower Belfast, BT9 5BJ UK	T: 44 28 9038 8451 T: 44 7970 809 890 marie.cowan@detini.gov.uk
CUDENNEC Prof. Christophe <i>IUGG Liaison, UNESCO International Hydrological Programme (IHP) Secretary General, IAHS</i>	Agrocampus Ouest CS 84215 35042 Rennes FRANCE	T: 33 2 2348 5558 F: 33 2 2348 5699 cudenec@agrocampus-ouest.fr
CULLEN Dr. Nicolas <i>IACS National Correspondent</i>	University of Otago Department of Geography Dunedin NEW ZEALAND	T: 64 3 479 3069 F: 64 3 479 9037 njc@geography.otago.ac.nz
CULLINS Melanie <i>Contact, Adhering Organization</i>	National Research Council Director, International Relations 1200 Montreal Road Ottawa, ON K1A 0R6 CANADA	T: 1 613 991 0917 F: 1 613 952 9696 Melanie.Cullins@nrc-cnrc.gc.ca
CUMMINS Dr. Phil <i>Secretary, IAPSO/IASPEI/IAVCEI Joint Tsunami Commission</i>	Geoscience Australia Cnr Jerrabomberra Ave and Hindmarsh Drive Symonston, ACT, 2609 AUSTRALIA	T: 61 2 6249 963 phil.cummins@ga.gov.au
CUNDE Dr. Xiao <i>Vice-President, IACS</i>	Chinese Academy of Sciences (CAS) Institute of Cold and Arid Regions Environmental and Engineering Research Institute (CAREERI) State Key Laboratory of Cryospheric Sciences Lanzhou, 730000 CHINA	T: 86 931 496 7360 F: 86 931 827 7094 cdxiao@lzb.ac.cn
D'OREYE Dr. Nicolas <i>IAVCEI National Correspondent</i>	Musée National d'Histoire Naturelle 19, rue Josy Welter 7256 Walferdange LUXEMBOURG	T: 352 33 148 733 F: 352 33 148 788 nicolas.doreye@ecgs.lu
DAGLIS Prof. Ioannis A. <i>IAGA National Correspondent</i>	National Observatory of Athens Institute for Astronomy, Astrophysics, Space Applications & Remote Sensing 152 36 Penteli GREECE	T: 30 210 810 9185 F: 30 210 613 8343 daglis@noa.gr
DAHM Prof. Dr. Thorsten <i>IASPEI National Correspondent</i>	GFZ German Research Centre for Geosciences Section 2.1, Earthquake Risk and Early Warning Helmholtzstraße 7 D-14467 Potsdam GERMANY	T: 49 331 288 1200 T: 49 331 288 1204 torsten.dahm@gfz-potsdam.de
DAMYANOV Prof. Dr. Zhelyazko <i>IACS National Correspondent</i>	Bulgarian Academy of Sciences Institute of Mineralogy and Crystallography Acad. G. Bonchev Str., Bl. 107 1113 Sofia BULGARIA	T: 359 2 979 7055 F: 359 2 979 7056 damyanov@clmc.bas.bg
DANG Dr. Prof. Yimin <i>IAG National Correspondent</i>	Chinese Academy of Surveying & Mapping (CASM) No. 28 Lianhuachi West Road Haidian District Beijing, 100830 CHINA	T: 86 10 6388 0701 F: 86 10 6388 0804 dangym@casm.ac.cn

- DAÑOBEITIA**
Dr. Juan José
IAPSO National Correspondent
- Instituto de Ciencias de la Tierra
Jaume Almera
Luis Solé i Savaris, s/n
08028 Barcelona
SPAIN
- T: 34 93 409 5410
F: 34 93 411 0012
jjdanobeitia@ija.csic.es
- DEEBES**
Prof. Dr. H.A.
IAGA National Correspondent
- National Research Institute of Astronomy &
Geophysics
Helwan, Cairo
EGYPT
- T: 20 2 2556 0645
F: 20 2 2554 8020
hanafy_d@yahoo.com
- DEHANT**
Prof. Véronique
*Executive Committee Member, Union
Commission on the Study of the Earth's Deep
Interior (SEDI)*
- Observatoire Royal de Belgique
Avenue Circulaire 3
1180 Brussels
BELGIUM
- T: 32 2 373 0266
F: 32 2 374 9822
veronique.dehant@oma.be
- DE KEYSER**
Dr. Johan
*IAGA National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Belgisch Instituut voor Ruimte Aëronomie
(BIRA)
Ringlaan 3
1180 Brussels
BELGIUM
- T: 32 2 373 0368
F: 32 2 374 8423
johan.dekeyser@bira-iasb.oma.be
- DE LA CRUZ REYNA**
Dr. Servando
*Executive Committee Member, Union
Commission on Geophysical Risk and
Sustainability (GRC)*
- Universidad Nacional Autónoma de México
(UNAM)
Instituto de Geofísica
Ciudad Universitaria
04510 Mexico D.F.
MEXICO
- T: 52 55 5622 4098
F: 52 55 5550 2486
sdelacr@geofisica.unam.mx
- DELGADO GRANADOS**
Dr. Hugo
*Member, IUGG Fellow Selection Committee
Vice-President, IAVCEI
IACS National Correspondent*
- Universidad Nacional Autónoma de México
(UNAM)
Instituto de Geofísica
Ciudad Universitaria
Del Coyoacan
04510 Mexico, D.F.
MEXICO
- T: 52 55 5622 4145
F: 52 55 5550 2486
hugo@geofisica.unam.mx
- DE MAZIÈRE**
Dr. Martine
IAMAS National Correspondent
- Belgisch Instituut voor Ruimte Aëronomie
(BIRA)
Ringlaan 2
1180 Brussels
BELGIUM
- T: 32 2 373 0363
F: 32 2 374 8423
martine.demaziere@bira-iasb.oma.be
- DEMETRASHVILI**
Prof. Demuri
IAPSO National Correspondent
- Chief Researcher
Javakishvili Tbilisi State University
Institute of Geophysics
Alexidze st. 1
0171 Tbilisi
GEORGIA
- T: 995 32 333 814
F: 995 32 335 934
demetr_48@yahoo.com
- DEMETRESCU**
Dr. Crisan
*Member, IUGG Honours & Recognition
Committee
Vice-President, National Committee*
- Institute of Geodynamics
"Sabba S. Stefanescu"
19-21, Jean-Louis Calderon Str.
020032 Bucharest
ROMANIA
- T: 40 21 317 2126
F: 40 21 317 2120
crisan@geodin.ro
- DeMOTT**
Dr. Paul
Co-Chair, IAMAS ICCP-CNAA
- Senior Research Scientist
Colorado State University
Department of Atmospheric Science
1371 Campus Delivery
Fort Collins, CO, 80523-1371
USA
- T: 1 970 491 8257
F: 1 970 491 8483
pdemott@lamar.colostate.edu
- DE NATALE**
Dr. Giuseppe
IAVCEI National Correspondent
- Istituto Nazionale di Geofisica e Vulcanologia
(INGV)
Osservatorio Vesuviano
Via Diocleziano 328
80124 Naples
ITALY
- T: 39 081 610 8483
F: 39 081 610 8521
giuseppe.denatale@ov.ingv.it
- DENIC-JUKIC**
Assoc. Prof. Vesna
IAHS National Correspondent
- University of Split
Faculty of Civil Engineering, Architecture and
Geodesy
Matice hrvatske 15
21000 Split
CROATIA
- T: 385 21 303 404
F: 385 21 465 117
vdenic@gradst.hr

DENTENER Dr. Frank <i>Secretary, IAMAS ICACGP</i>	European Commission, Joint Research Centre Institute for Environment and Sustainability Climate Change Unit: via Enrico Fermi 1 21020 Ispra, TP 290 ITALY	T: 39 0332 786 392 F: 39 0332 785 837 frank.dentener@jrc.ec.europa.eu
DE RUIJTER Prof. Dr. Wilhelmus P.M. <i>IAPSO National Correspondent</i>	University of Utrecht Institute for Marine and Atmospheric Research Postbus 80000 3508 TA Utrecht THE NETHERLANDS	T: 31 30 253 2306 F: 31 30 254 3163 W.P.M.deRuijter@uu.nl
DEWEY Dr. James W. <i>Chair, IASPEI Working Group on Magnitude Measurements</i>	U.S. Geological Survey P.O. Box 25046, Mail Stop 966 Denver Federal Center Denver, CO, 80225-0046 USA	T: 1 303 273 8419 F: 1 303 273 8450 dewey@usgs.gov
DEWITTE Dr. Steven <i>Vice-President, National Committee</i>	Koninklijk Meteorologisch Instituut Ringlaan 3 1180 Brussels BELGIUM	T: 32 2 373 0624 F: 32 2 373 0553 dewitte@oma.be
DIJKSTRA Ir. Sieb R. <i>Contact Person, Adhering Organization</i>	Official Secretary Netherlands Center for Geodesy and Geo-informatics (NCG) P.O. Box 508 3800 AM Amersfoort THE NETHERLANDS	T: 31 0 229 927 58 Sieb.Dijkstra@kadaster.nl
DIMITROV Prof. Dr. Dobri <i>IAHS National Correspondent</i>	Bulgarian Academy of Sciences National Institute of Meteorology and Hydrology Blvd. 66 Tsarigradsko chaussee 1784 Sofia BULGARIA	T: 359 2 462 4510 F: 359 2 988 0380 dimitrov.dobri@gmail.com
DIMRI Dr. Vijay Prasad <i>Member, IUGG Statutes and By-Laws Committee Chair, National Committee IAG, IAHS & IAPSO National Correspondent</i>	CSIR-Distinguished Scientist National Geophysical Research Institute Uppal Road Hyderabad, 500 007 INDIA	T: 91 40 2343 4655 F: 91 40 2343 4651 dimrivp@yahoo.com vpdimri@ngri.res.in
DING Dr. Zhifeng <i>IASPEI National Correspondent</i>	China Earthquake Administration Institute of Geophysics (IGPCEA) No. 5 Minzudaxue Nanlu Haidian District Beijing, 100081 CHINA	T: 86 10 6872 9308 F: 86 10 6841 5372 zhfding@vip.sina.com
DOBOSI Dr. Gábor <i>IAVCEI National Correspondent</i>	Hungarian Academy of Sciences Institute for Geochemical Research Budaörsi út 45 1112 Budapest HUNGARY	T: 36 1 309 2600 1108 F: 36 1 319 3137 dobosi@geochem.hu
DOBRICA Dr. Venera <i>IAGA National Correspondent</i>	Institute of Geodynamics "Sabba S. Stefanescu" 19-21 Jean-Louis Calderon Str. 020032 Bucharest ROMANIA	T: 40 21 317 2126 F: 40 21 317 2120 venera@geodin.ro
DOEL Ronald <i>History of Science Advisor, IUGG Working Group on History Chair, IAGA Inter-divisional Commission on History</i>	Florida State University Department of History 401 Bellamy Bldg. Tallahassee, FL, 32306-2200 USA	T: 1 850 644 9540 F: 1 850 644 6402 rdoel@fsu.edu
DONLAGIC Spec. sc. Eldin <i>IAGA National Correspondent</i>	Assistant Director for Geodesy & Cartography Federal Office for Geodetics & Real Property Affairs Reisa Dz. Causevica 6 71000 Sarajevo BOSNIA & HERZEGOVINA	T: 387 61 102 459 donlagic@bih.net.ba

- DONOVAN**
Prof. Eric
IUGG Liaison, COSPAR
- University of Calgary
Department of Physics and Astronomy
2500 University Drive
Calgary, AB, T2N 1N4
CANADA
- T: 1 403 220 6337
F: 1 403 289 3331
edonovan@ucalgary.ca
- DOST**
Dr. Bernard
IASPEI National Correspondent
- Royal Netherlands Meteorological Institute
(KNMI)
P.O. Box 201
3730 AE De Bilt
THE NETHERLANDS
- T: 31 30 220 6340
F: 31 30 220 1364
Bernard.Dost@knmi.nl
- DREWES**
Prof. Dr. Hermann
*IUGG Representative, Instituto Panamericano de Geografia e Historia (IPGH)
Secretary General, IAG*
- German Geodetic Research Institute (DGFI)
Alfons-Goppel-Str. 11
80539 Munich
GERMANY
- T: 49 89 230 311 215
F: 49 89 230 311 240
iag@dgfi.badw.de
drewes@dgfi.badw.de
- DRUMMOND**
Dr. James
IAMAS National Correspondent
- Dalhousie University
Faculty of Science
Halifax, NS, B3H 4J1
CANADA
- T: 1 902 494 2324
F: 1 902 494 6889
james.drummond@dal.ca
- DUKA**
Prof. Dr. Bejo
IAGA National Correspondent
- University of Tirana
Faculty of Natural Sciences
Department of Physics
Tirana
ALBANIA
- T: 355 4 224 5267
bejo.duka@unitir.edu.al
- DUMBERRY**
Matthieu
Chair, IAGA Working Group I-1
- University of Alberta
Department of Physics
Edmonton, AB, T6G 2G7
CANADA
- T: 1 780 492 3987
F: 1 780 492 0714
dumberry@ualberta.ca
- DUNBAR**
Paula
Treasurer, Union Commission on Geophysical Risk and Sustainability (GRC)
- NOAA/National Geophysical Data Center
325 Broadway
Boulder, CO, 80305-3328
USA
- T: 1 303 497 6084
F: 1 303 497 6513
Paula.Dunbar@noaa.gov
- DUPLANCIC LEDER**
Dr. Tea
IAG National Correspondent
- University of Split
Faculty of Civil Engineering, Architecture and Geodesy
Matice hrvatske 15
21000 Split
CROATIA
- T: 385 21 303 377
tleder@gradst.hr
- DUQUENNE**
Dr. Françoise
IAG National Correspondent
- 5 rue Mésanges
14280 Saint-Contest
FRANCE
- T: 33 2 3144 5562
fh.duquenne@wanadoo.fr
- DURRHEIM**
Prof. Raymond
IASPEI National Correspondent
- Council for Scientific and Industrial Research (CSIR)
PO Box 91230
Auckland Park, 2006
SOUTH AFRICA
- T: 27 11 358 0082
F: 27 11 726 5405
rdurhei@csir.co.za
raymond.durrheim@wits.ac.za
- DUSHI**
Edmond
IASPEI National Correspondent
- Rr. "Kavajes"
Pallati "Orion"
Shk. 1, Apart. X/3
Tirana
ALBANIA
- T: 255 68 401 9694
edmondushi@yahoo.com
- DYMENT**
Dr. Jérôme
*Member, IUGG Statutes and By-Laws Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Institut de Physique du Globe de Paris
Equipe de Géosciences Marines
1 rue Jussieu
75238 Paris Cedex 5
FRANCE
- T: 33 1 8395 7656
F: 33 1 8395 7710
jdy@ipgp.fr
- DZHAMALOV**
Dr. Roald G.
IAHS National Correspondent
- Russian Academy of Sciences (RAS)
Institute of Water Problems
3 Gubkin st.
119333 Moscow
RUSSIA
- T: 7 499 783 3757
F: 7 499 135 5415
dzhamal@aquas.laser.ru

- EATON**
Dr. David W.
IASPEI National Correspondent
- Head
Department of Geosciences
University of Calgary
2500 University Drive NW
Calgary, AB, T2N 1N4
CANADA
- T: 1 403 220 4275
F: 1 403 284 0074
david.w.eaton@ucalgary.ca
- EERME**
Dr. Kalju
*Secretary, National Committee
IAGA National Correspondent*
- Senior Research Associate
Tartu Observatory
61602 Toravere, Tartumaa
ESTONIA
- T: 372 6962524
kalju.eerme@to.ee
- EKSTRÖM**
Prof. Göran
*Chair, International Federation of Digital
Seismograph Networks (FDSN)*
- Columbia University
Department of Earth and Environmental Sciences
Lamont-Doherty Earth Observatory
Room 106 Geoscience Bldg.
P.O. Box 1000
Palisades, NY 10964
U.S.A.
- ekstrom@ldeo.columbia.edu
- ELAHI**
Mr. Noor
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Director
Survey of Pakistan
Murree Road
Rawalpindi
PAKISTAN
- T: 92 51 929 0206
T: 92 345 513 9876
noorelahi61@yahoo.com
- ELANGO**
Prof. Lakshamanan
Vice-President, IAHS ICWQ
- Anna University
Department of Geology
Chennai, 600 025
INDIA
- T: 91 44 2220 3313
F: 91 44 2235 2870
elango34@hotmail.com
- ELENA CORDOBA**
Dr. Armador
President, National Committee
- Ministerio de Fomento
Paseo de la Castellana, 67
28071 Madrid
SPAIN
- T: 34 91 597 8914
amador.elena@fomento.es
- ELKEN**
Prof. Dr. Jüri
IAPSO National Correspondent
- Director
Institute of Marine Systems
Tallinn University of Technology
Akadeemia Road 21
12618 Tallinn
ESTONIA
- T: 372 620 4302
F: 372 620 4301
elken@phys.sea.ee
- ELLMANN**
Prof. Dr. Artu
IAG National Correspondent
- Tallinn University of Technology
Department of Civil Engineering
Ehitajate Road 5
19086 Tallinn
ESTONIA
- T: 372 620 2603
F: 372 620 2601
artu.ellmann@ttu.ee
- ELTAYEB**
Prof. Ibrahim A.
*Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- Sultan Qaboos University
College of Science
Department of Mathematics and Statistics
P.O. Box 36
Postal Code 123
Muscat
SULTANATE OF OMAN
- T: 968 2414 1427
F: 968 9935 8447
ieltayeb@squ.edu.om
ieltayeb@omantel.net.om
- ENGDAHL**
Dr. Eric Robert
*Chair, IUGG Gold Medal Committee,
Past President, IASPEI*
- Department of Physics
University of Colorado
Campus Box 390 UCB
Boulder, CO 80309-0390
USA
- T: 1 303 735 4853
F: 1 303 492 7935
engdahl@colorado.edu
- ENOMOTO**
Prof. Dr. Hiroyuki
Head, IACS Division III
- National Institute of Polar Research
10-3, Midori-cho, Tachikawa-shi
Tokyo, 190-8518
JAPAN
- T: 81 42 512 0644
F: 81 42 528 3195
enomoto.hiroyuki@nipr.ac.jp
- ERIS**
Ebru
Vice-President, IAHS ICSH
- Ege University
Department of Civil Engineering
Hydraulics Division
35100 Bornova, Izmir
TURKEY
- T: 90 232 311 5041
F: 90 232 342 5629
eriseb@itu.edu.tr
- ERNST**
Dr. Richard E.
*Chair, IAVCEI Commission on Large Igneous
Provinces*
- Ernst Geosciences
43 Margrave Ave.
Ottawa, ON, K1T 3Y2
CANADA
- T: 1 613 733 0887
T: 1 613 295 7955 (mobile)
Richard.Ernst@ErnstGeosciences.com

- ERTSEN**
Dr.ir. Maurits
IAHS Representative, IUGG Working Group on History
- Delf University of Technology
Water Resources Management
Civil Engineering, 4.81
Stevinweg 1
2628 CN Delft
- T: 31 15 2787423
F: 31 15 2785559
m.w.ertsen@tudelft.nl
- EZECHIE**
Dr. Juliet
Treasurer, National Committee
- GeoQinetic Limited
Plot 979 First Ave
Central Business Area
Abuja
NIGERIA
- T: 234 806 714 1910
T: 234 807 670 0002
jezechie@gmail.com
- EZEIGBO**
Prof. Christian U.
President, National Committee
- University of Lagos
c/o Department of Surveying and Geoinformatics
Akoka
Lagos
NIGERIA
- T: 234 806 606 6297
T: 234 807 846 2468
christianezeigbo@yahoo.com
- FAGUNDES**
Paulo
Co-Chair, IAGA Working Group II; Chair, IAGA Working Group II-E
- Universidade do Vale do Paraiba (UNIVAP)
Avenida Shishima Hifumi, 2911
São José dos Campos, SP, 12244-000
BRAZIL
- T: 55 12 3947 1130
F: 55 12 3947 1149
fagundes@univap.br
- FAISAL**
Dr. Nadeem
IAGA National Correspondent
- Deputy Director
Climate Data Processing Centre
Pakistan Meteorological Department
Meteorological Complex
P.O. Box 8604
University Road
Karachi, 75720
PAKISTAN
- T: 92 21 9926 1412
F: 92 21 9926 1412
pmdodpc@khi.paknet.com.pk
- FAJEMIROKUN**
Prof. Francis A.
Immediate Past President, National Committee
- 25 Ramat Crescent
Ogudu G.R.A.
Lagos
NIGERIA
- T: 234 802 319 4930
T: 234 803 241 9200
proffaj@yahoo.com
- FALSAPERLA**
Dr. Susana
Co-Chair, IAVCEI World Organization of Volcano Observatories
- Istituto Nazionale di Geofisica e Vulcanologia
Sezione di Catania
P.zza Roma, 2
95123 Catania
ITALY
- T: 39 095 716 5845
F: 39 095 716 5826
susanna.falsaperla@ct.ingv.it
- FARRELL**
Ms. Rebecca
Contact Person, Adhering Organization
- Programme Manager
Royal Irish Academy
19 Dawson Street
Dublin 2
IRELAND
- T: 353 1 609 0676 (Direct)
T: 353 1 676 2570 (Ext 276)
F: 353 1 676 2346
R.Farrell@ria.ie
- FEDOTOV**
Dr. Sergey A.
IAVCEI National Correspondent
- Far Eastern Branch
Russian Academy of Sciences (RAS)
50 Svetlanskaya st.
690990 Vladivostok
RUSSIA
- T: 7 415 229 7717
F: 7 423 222 3721
fedotov@kcs.iks.ru
karetn@online.ru
karetn@list.ru
- FEE**
Dr. David
Leader, IAVCEI Commission on Volcano Acoustics
- University of Alaska Fairbanks
Geophysical Institute
Wilson Infrasound Observatories
Alaska Volcano Observatory
903 Koyukuk Drive - Rm 506G
Fairbanks AK 99775-7320
USA
- dfee@gi.alaska.edu
- FEISTEL**
Dr. Rainer
Vice-Chair, IAPSO/SCOR/IAPWO JCS
- Leibniz-Institute for Baltic Sea Research
Seestrasse 15
18119 Rostock
GERMANY
- rainer.feistel@io-warnemuende.de
- FERGUSON**
Ian
Chair, IAGA Working Group I-2
- University of Manitoba
Department of Geological Sciences
125 Dysart Road
Winnipeg, MB, R3T 2N2
CANADA
- T: 1 204 474 9154
T: 1 204 474 8857
F: 1 204 474 7623
ij_ferguson@umanitoba.ca

FERNANDEZ Dr. Walter <i>Secretary General, National Committee IAMAS National Correspondent</i>	University of Costa Rica School of Physics Laboratory for Atmospheric and Planetary Research 2060 San José COSTA RICA	T: 506 2224 4172 walter2109@gmail.com
FICHEFET Prof. Thierry <i>IAPSO National Correspondent</i>	Université Catholique de Louvain Georges Lemaître Centre for Earth and Climate Research Earth and Life Institute Chemin de Cyclotron 2 bte L7.01.11 1348 Louvain-la-Neuve BELGIUM	T: 32 10 473 295 F: 32 10 474 722 thierry.fichet@uclouvain.be
FIERZ Dr. Charles <i>President-, IACS President, National Committee IACS National Correspondent</i>	Institute for Snow and Avalanche Research (SLF) Flüelastrasse 11 7260 Davos Dorf SWITZERLAND	T: 41 81 417 0165 F: 41 81 417 0110 fierz@slf.ch
FINE Prof. Rana <i>IAPSO National Correspondent</i>	University of Miami Rosenstiel School of Marine and Atmospheric Science Division of Marine and Atmospheric Chemistry 4600 Rickenbacker Causeway Miami, FL, 33149-1098 USA	T: 1 305 421 4722 rfine@rsmas.miami.edu
FINLAY Dr. Chris <i>Chair, IAGA Working Group V-MOD</i>	Technical University of Denmark DTU Space Elektrovej Building 327, room 222 2800 Kongens Lyngby DENMARK	T: 45 4525 9713 F: 45 4525 9575 cfinlay@space.dtu.dk
FLETCHER Dr. Leigh <i>Vice-President, IAMAS ICPAE</i>	University of Oxford Atmospheric, Oceanic and Planetary Physics Clarendon Laboratory Parks Road Oxford, OX1 3PU UK	T: 44 1865 272 089 F: 44 1865 272 923 fletcher@atm.ox.ac.uk
FLOSSMANN Dr. Andrea <i>President, IAMAS ICCP IAMAS National Correspondent</i>	Université Blaise Pascal Observatoire de Physique du Globe de Clermont- Ferrand Laboratoire de Météorologie Physique 24 av. des Landais BP80026 63171 Aubière Cedex FRANCE	T: 33 4 7340 7351 F: 33 4 7340 5136 a.flossman@opgc.univ-bpclermont.fr
FOLCH Dr. Arnau <i>IUGG Liaison, World Meteorological Organization (WMO) Co-Leader, IAVCEI Commission on Tephra Hazard Modelling</i>	Barcelona Supercomputer Centre CASE - Physical and Numerical Modelling Nexus I - Planta 2 C/Gran Capita, 2-4 08034 Barcelona SPAIN	T: 34 93 405 4290 arnau.folch@bsc.es
FONTES Sérgio Luiz <i>IAGA National Correspondent</i>	Observatório Nacional Geophysics Dept. Rua General José Cristino, 77 São Cristóvão Rio de Janeiro, RJ, 20921-400 BRAZIL	T: 55 21 2580 6087 F: 55 21 2580 6041 sergio@on.br
FORBES Prof. Jeffrey M. <i>Member, IAGA Executive Committee</i>	University of Colorado UCB429 Department of Aerospace Engineering Sciences ECOT-634 Boulder, CO, 80309 USA	T: 1 303 492 8183 F: 1 303 492 7881 forbes@colorado.edu
FORTES Dr. Luiz Paulo Souto <i>IUGG Liaison, Cartographic Office of the United Nations Director, National Committee</i>	Instituto Brasileiro de Geografia e Estatística Diretoria de Geociências Av. Brasil 15671 Parada de Lucas Rio de Janeiro, RJ, 21241-051 BRAZIL	T: 55 21 2142 4985 F: 55 21 2142 4859 luiz.fortes@ibge.gov.br

- FOX**
Prof. Peter
Chair, Union Commission on Data and Information (UCDI)
- Rensselaer Polytechnic Institute
Tetherless World Constellation
Earth and Environment Science, Computer
Science
110 8th Street
Troy, NY, 12180
USA
- T: 1 518 276 4862
F: 1 518 276 4464
pfox@cs.rpi.edu
- FRANCIS**
Prof. Dr. Olivier
IAPSO National Correspondent
- University of Luxembourg
Faculté des Sciences, de la Technologie et de la
Communication
6, rue Richard Coudenhove-Kalergi
1359 Luxembourg
LUXEMBOURG
- T: 352 46 6644 6264
F: 352 46 6644 5741
olivier.francis@uni.lu
- FRANKS**
Dr. Stewart W.
*Past President, IAHS ICCLAS
IAHS National Correspondent*
- University of Tasmania
Faculty of Science, Engineering and Technology
School of Engineering
Private Bag 65
Hobart 7001
AUSTRALIA
- T: 61 3 6226 1868
F: 61 3 6226 7809
Stewart.franks@utas.edu.au
- FREEMAN**
Mervyn
Chair, IAGA Working Group III-5
- British Antarctic Survey
Natural Environment Research Council
High Cross
Madingley Road
Cambridge, CB3 0ET
UK
- T: 44 1223 221 543
F: 44 1223 221 226
mpf@bas.ac.uk
- FREYMUELLER**
Prof. Jeffrey
*Member, IUGG Statutes and By-Laws Committee
Chair, National Committee
IAG National Correspondent*
- University of Alaska, Fairbanks
Geophysical Institute and Department of Geodesy
and Geophysics
POB 757320
Fairbanks, AK, 99775-7320
USA
- T: 1 907 474 7286
F: 1 907 474 7290
jeff.freymueller@gi.alaska.edu
- FRIIS-CHRISTENSEN**
Dr. Eigil
*Chair, IUGG Visioning Committee
Association Representative Member, Union
Commission on Climatic and Environmental
Change (CCEC)
Past President, IAGA (2003-2007)*
- Technical University of Denmark
National Space Institute
Elektrovej, Building 327
2800 Kongens Lyngby
DENMARK
- T: 45 4525 9707
F: 45 4525 9575
efc@space.dtu.dk
- FRITZ**
Dr. Ingomar
IAVCEI National Correspondent
- Universalmuseum Joanneum
Weinzöttlstraße 16
8045 Graz
AUSTRIA
- T: 43 316 8017 9730
F: 43 316 8017 9671
ingomar.fritz@museum-joanneum.at
- FU**
Dr. Rongshan
*Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- University of Science & Technology of China
(USTC)
Department of Earth & Space Sciences
96 Jinzhai RD
Hefei, Anhui 230026
CHINA
- T: 86 551 3601397
frs@ustc.edu.cn
- FUBARA**
Prof. Dagogo M.J.
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Rivers State University of Science and
Technology
Nkpolu - Oroworukwo
P.M.B. 5080
Port Harcourt, Rivers State
NIGERIA
- dagogomj@yahoo.com
- FUCUGAUCHI**
Prof. Jaime U.
*IUGG Liaison, ICSU Regional Office for Latin
America & the Caribbean (ROLAC)*
- Universidad Nacional Autonoma de Mexico
Instituto de Geofisica
Delegación Coyoacán
04510 Mexico City
MEXICO
- T: 52 562 24227
juf@geofisica.unam.mx
- FUJIKI**
Ms. Kaoru
Contact Person, Adhering Organization
- Science Council of Japan
International Affairs Division
Secretariat
7-22-34, Roppongi, Minato-ku
Tokyo, 106-8555
JAPAN
- T: 81 3 3403 5731
F: 81 3 3403 1755
kaoru.fujiki@cao.go.jp
i252@scj.go.jp

FÜLLEKRUG Martin <i>Co-Chair, IAGA Working Group II-A on Electrodynamics of the Middle Atmosphere</i>	University of Bath Department of Electronic and Electrical Engineering Centre for Space, Atmospheric and Oceanic Science Telecommunications, Space and Radio Group Bath, BA2 7AY UK	T: 44 1225 386 053 F: 44 1225 386 305 eesmf@bath.ac.uk
FURLONG Dr. Kevin <i>Chair, IASPEI Commission on Tectonophysics & Crustal Structure</i>	Pennsylvania State University Department of Geosciences 542 Deike Building University Park, PA, 16802 USA	T: 1 814 863 0567 F: 1 814 863 7823 kevin@geodyn.psu.edu
FYTIKAS Prof. Michael <i>IAVCEI National Correspondent</i>	Aristotle University of Thessaloniki Faculty of Sciences - School of Geology Department of Geology 540 06 Thessaloniki GREECE	T: 30 2310 998 475 F: 30 2310 998 482 fytikas@geo.auth.gr
GÁLIS Mgr. Martin <i>Member, National Committee</i>	Comenius University Department of Astronomy, Physics of the Earth and Meteorology Mlynská dolina F1 842 48 Bratislava SLOVAK REPUBLIC	T: 421 2 6029 5167 F: 421 2 65425982 mgalis@fmph.uniba.sk
GAMBLE Prof. John <i>Nationally Accredited Delegate to the 25th Council of the Union, 2011 IAVCEI National Correspondent</i>	University College Cork School of Biological, Earth and Environmental Sciences (BEES) Cork IRELAND	T: 353 21 490 3955 F: 353 21 427 1565 j.gamble@ucc.ie
GARCÍA Dr. Alicia <i>IAGA National Correspondent Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	Museo Nacional de Ciencias Naturales Dpto. de Volcanología José Gutiérrez Abascal, 2 28006 Madrid SPAIN	T: 34 91 411 1328 F: 34 91 564 4740 aliciag@mncn.csic.es
GARCIA FERNANDEZ Dr. Mariano <i>Secretary General, IASPEI European Seismological Commission (ESC)</i>	Spanish Council for Scientific Research Institute of Earth Sciences "Jaume Almera" Lluís Sole I Sabaris, s/n Madrid SPAIN	T: 34 93 409 5416 F: 34 93 411 0012 mgarcia@mncn.csic.es
GARDARSSON Dr. Sigurdur M. <i>IAHS National Correspondent</i>	University of Iceland Faculty of Civil and Environmental Sciences VRÍI, Hjardarhagi 2-6 107 Reykjavík ICELAND	T: 354 525 4700 F: 354 525 4632 sigmg@hi.is
GAREVSKI Prof. Dr. Mihail <i>IASPEI National Correspondent</i>	Ss Cyril and Methodius University Department of Earthquake Engineering Institute of Earthquake Engineering and Seismology (IZHS) Salvador Aljende 73 1000 Skopje F.Y.R. MACEDONIA	T: 389 2 310 7701 F: 389 2 311 2163 garevski@pluto.izis.ukim.edu.mk
GARGOURI Emna <i>Vice-President, IAHS ICSH</i>	ISETR/LMHE-ENIT TUNISIA	T: 216 2 335 6050 Emna.Gargouri@isetr.mu.tn
GARNERO Prof. Ed <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	Arizona State University School of Earth and Space Exploration PO Box 871404 Tempe, AZ 85287-1404 USA	T: 1 480 965 7653 F: 1 480 965 8102 garnero@asu.edu
GAY Dr. Carlos <i>IAMAS National Correspondent</i>	Centro de Ciencias de la Atmósfera Ciudad Universitaria 04510 Mexico, D.F. MEXICO	T: 52 55 5622 4085 F: 52 55 5616 0789 cgay@servidor.unam.mx
GELADZE Dr. Vakhtang <i>IAHS National Correspondent</i>	Javakishvili Tbilisi State University Department of Hydrometeorology V. Bagrationi Institute of Geography Alexidze st. 1/8 0171 Tbilisi GEORGIA	T: 995 32 439 540 gigigeladze@gmail.com

- GELFAN**
Dr. Alexander
Vice-President, IAHS ICSIH
- Russian Academy of Sciences (RAS)
Lab. Hydrological Cycle, Water Problems
Institute
3 Gubkin St.
119991 Moscow
RUSSIA
- T: 7 495 135 5403
F: 7 495 135 5403
hydrowpi@aqu.laser.ru
- GEORGIADIS**
Dr. Teodoro
IAMAS National Correspondent
- CNR - Istituto di Biometeorologia
Via Piero Gobetti 101
40129 Bologna
ITALY
- T: 39 051 639 9006
F: 39 051 639 9029
t.georgiadis@ibimet.cnr.it
- GEORGIEV**
Prof. D.Sc. Ivan
*Secretary, National Committee
IAG National Correspondent*
- Bulgarian Academy of Sciences
National Institute of Geophysics, Geodesy and
Geography (NIGGG)
Acad. G. Bonchev Str., Bl. 3
1113 Sofia
BULGARIA
- T: 359 2 979 2453
F: 359 2 972 0841
ivan@bas.bg
- GERA**
Dr. Martin
Member, National Committee
- Comenius University
Department of Astronomy, Physics of the Earth
and Meteorology
Mlynská dolina F1
842 48 Bratislava
SLOVAK REPUBLIC
- T: 421 2 6029 5495
F: 421 2 6542 5882
Martin.Gera@fmph.uniba.sk
- GESHI**
Dr. Nobuo
*Co-Leader, IAVCEI Commission on Collapse
Calderas*
- Geological Survey of Japan
Volcanic activity research group (AIST)
Site 7, 1-1-1 Higashi, Tsukuba
Ibaraki 305-85-67
JAPAN
- T: 81 29 861 2388
F: 81 29 856 8725
geshi-nob@aist.go.jp
- GEV**
Dr. Israel
IAHS National Correspondent
- Water Authority of Israel
Water Resources Planning Department
14, Hamasger Street
Tel Aviv, 61203
ISRAEL
- T: 972 50 622 1208 (mobile)
israelg10@water.gov.il
- GEVORGYAN**
Prof. Rudolf
IAVCEI National Correspondent
- Yerevan State University
1 Alex Manoogian Str
Yerevan, 0049
Republic of ARMENIA
- T: 374 10 578 135
F: 374 10 554 641
rgev@ysu.am
- GEYER TRAVER**
Dr. Adelina
*Secretary, Union Commission on Data and
Information (UCDI)
Webmaster & Membership Secretariat, IAVCEI*
- Consejo Superior de Investigaciones Cientificas
(CSIC)
Institute of Earth Sciences "Jaume Almera"
c/Lluís Solé i Sabarís s/n
08028 Barcelona
SPAIN
- T: 34 93 409 5410
F: 34 93 411 0012
ageyertraver@gmail.com
- GEZGIN**
Dr. Col. Eng. Erhan
IAPSO National Correspondent
- Office of Navigation
Hydrography and Oceanography
34805 Cubuklu, Istanbul
TURKEY
- T: 90 216 322 2580
F: 90 216 331 0525
egezgin@shodb.gov.tr
- GHAFOREY-ASHTIANY**
Dr. Mohsen
*Chair, IASPEI Commission on Earthquake
Hazard, Risk and Strong Ground Motion (SHR)*
- International Institute of Earthquake Engineering
and Seismology (IIEES)
No. 26, Arghavan St.
North Dibajie, Farmanieh
Tehran, 19537-14476
IRAN
- T: 98 21 2229 4050
F: 98 21 2229 9479
ashtiany@iiees.ac.ir
mohsen.ashtiany@gmail.com
- GHEITANCHI**
Prof. Dr. Mohammad Reza
IASPEI National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
mrghchee@ut.ac.ir
- GIANG**
Assoc. Prof. Dr. Nguyen Van
*Secretary, National Committee
IACS & IAGA National Correspondent*
- Institute of Geophysics
VAST
Nha A8-18, Hoang Quoc Viet-Cau Giay
Hanoi
VIETNAM
- T: 84 4 3756 2804
F: 84 4 3836 4696
giangnv@igp-vast.vn

GIARDINI Prof. Domenico <i>Member, IUGG Resolution Committee</i> <i>President, IASPEI</i> <i>Member, IUGG Ad-hoc group on Visioning</i>	ETH Zurich Institute of Geophysics NO H 69.1 Sonneggstrasse 5 8092 Zurich SWITZERLAND	T: 41 44 633 2610 F: 41 44 633 1065 domenico.giardini@sed.ethz.ch
GIBSON Dr. Gary <i>President, IASPEI Asian Seismological Commission (ASC); Co-Chair, ASC/SHR Joint Working Group on Seismic Hazard and Risk Assessment for Asian-Pacific Regions</i>	P.O. Box 50 Newstead, VIC, 3462 AUSTRALIA	T: 61 4 1817 5043 gary@earthquake.net.au
GIL Dr. Manuel <i>IAMAS National Correspondent</i>	Instituto Nacional de Técnica Aeroespacial Ctra. Torrejon-Ajalvir Km. 4,5 28820 Torrejón (Madrid) SPAIN	T: 34 91 520 1564 F: 34 91 520 1317 gilm@inta.es
GINZBURG Dr. Boris <i>IAGA National Correspondent</i>	SOREQ Nuclear Reserach Center Yavne, 81800 ISRAEL	T: 972 8 943 4368 F: 972 8 943 4676 borginz@soreq.gov.il borginz@hotmail.com
GIVONE Dr. Pierrick <i>Member, Union Commission on Data and Information (UCDI)</i>	Institut national de recherche en sciences et technologies pour l'environnement et l'agriculture (IRSTEA) Parc de Tourvoie B.P. 44 92163 Antony Cedex FRANCE	T: 33 1 4096 6293 F: 33 1 4096 6200 pierrick.givone@cemagref.fr
GLATZMAIER Prof. Gary <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of California Earth Sciences Department Earth & Marine Sciences Building Santa Cruz, CA, 95064 USA	T: 1 831 459 5504 F: 1 831 459 3074 glatz@es.ucsc.edu
GLIKO Dr. Alexandr O. <i>IASPEI National Correspondent</i>	Earth Sciences Division Russian Academy of Sciences (RAS) 32a Leninsky ave Office 625 119991 Moscow RUSSIA	T: 7 495 952 4029 F: 7 495 938 1928 geodep@ipsun.ras.ru gliko@ifz.ru
GOBEJISHVILI Prof. Ramin <i>IACS National Correspondent</i>	Javakhishvili Tbilisi State University Department of Geomorphology V. Bagrationi Institute of Geography Alexidze st. 1 0171 Tbilisi GEORGIA	T: 995 32 337 449 F: 995 32 331 417 goberamin@hotmail.com
GODIN-BEEKMANN Dr. Sophie <i>Secretary, IAMAS IOC</i>	Université Pierre et Marie Curie Centre National de la Recherche Scientifique (CNRS) LATMOS Boîte 102 4 place Jussieu 14473 Paris Cedex 05 FRANCE	T: 33 1 4427 4767 F: 33 1 4427 3776 sophie.godin-beekmann@latmos.ipsl.fr
GOGICHAISVILI Dr. Avto <i>Secretary, National Committee</i>	National University of Mexico (UNAM) Instituto de Geofísica Ciudad Universitaria S/N 04510 Mexico, D.F. MEXICO	T: 52 55 5622 4230 F: 52 55 5550 2486 avto@geofisica.unam.mx
GOLDBERG Dr. Richard A. <i>Chair, IAGA Working Group II-A: Electrodynamics of the Middle Atmosphere</i>	NASA Goddard Space Flight Center Code 674 Greenbelt, MD, 20771 USA	T: 1 301 286 8603 F: 1 301 286 1648 richard.a.goldberg@nasa.gov
GOLOSOV Prof. Valentin <i>Past President, IAHS ICCE</i>	Moscow State University Faculty of Geography Laboratory for Soil Erosion & Fluvial Processes Erosion & Fluvial Processes Leninskiye Gory 119991 Moscow RUSSIA	T: 7 495 939 5044 F: 7 495 939 5044 gollossov@rambler.ru

GOMEZ GONZALEZ Dr. Jesús <i>Secretary General, National Committee</i>	Instituto Geográfico Nacional Subdirección General de Astronomía, Geodesia y Geofísica General Ibáñez de Ibero, 3 28003 Madrid SPAIN	T: 34 91 597 9460 F: 34 91 597 9616 jggonzalez@fomento.es
GOMEZ-GUZMAN Iván Darío <i>President, National Committee</i>	Director General Instituto Geográfico Agustín Codazzi Carrera 30 No. 48-51 Bogotá, D.C. COLOMBIA	T: 57 1 369 4053 F: 57 1 369 4099 idgomez@igac.gov.co
GONZALO-RIVERA Hebert <i>IAHS National Correspondent</i>	Instituto de Hidrología, Meteorología y Estudios Ambientales (IDEAM) Subdirección de Hidrología Carrera 10 No. 20-30 Bogotá, D.C. COLOMBIA	T: 57 1 352 7160 ext. 2119 F: 57 1 352 7160 ext. 1628 hidrologia@ideam.gov.co hebert@ideam.gov.co
GOOD Gregory <i>History of Science Advisor, IUGG Working Group on History</i>	American Institute of Physics Center for the History of Physics One Physics Ellipse College Park, MD, 20740 USA	T: 1 301 209-3174 ggood@aip.org
GOODY Mr Nigel P. <i>Secretary, National Committee</i>	Scottish Environment Protection Agency 7 Whitefriars Crescent Perth, PH2 0PA UK	T: 44 1738 627 989 F: 44 1738 630 997 nigel.goody@sepa.org.uk
GORDEZIANI Dr. Tengiz <i>IAG National Correspondent</i>	Javakishvili Tbilisi State University 0160 Tbilisi GEORGIA	T: 995 32 717 046 F: 995 32 222 110 1277 tengizgordeziani@gmail.com
GOSAR Dr. Andrej <i>IASPEI National Correspondent</i>	Environmental Agency of the Republic Slovenia Section for Seismology and Geology Dunajska 47 SI- 1000 Ljubljana SLOVENIA	T: 386 1 478 7274 F: 386 1 478 7295 andrej.gosar@gov.si
GOULD Dr. John <i>IAPSO Representative, IUGG Working Group on History</i>	National Oceanography Centre University of Southampton Waterfront Campus European Way Southampton, SO14 3ZH UK	T: 44 2380 596315 wjg@noc.soton.ac.uk
GRBEC Assoc. Prof. Dr. Branka <i>IAMAS National Correspondent</i>	Institute of Oceanography and Fisheries Setaliste Ivana Mestrovica 63 21000 Split CROATIA	T: 385 21 408 040 F: 385 21 358 650 grbec@izor.hr
GREEN Prof. Dr. Alan G. <i>IUGS and IUGG Representative, SCL/ILP</i>	ETH Zurich Institute of Geophysics Hönggerberg 8093 Zurich SWITZERLAND	T: 41 1 633 2657 F: 41 1 633 1065 alan@aug.ig.erdw.ethz.ch
GREENAN Dr. Blair <i>IAPSO National Correspondent</i>	Bedford Institute of Oceanography Fisheries and Oceans Canada Ocean Science Division, Ocean Circulation Division P.O. Box 1006 1 Challenger Drive Dartmouth, NS, B2Y 4A2 CANADA	T: 1 902 426 9963 F: 1 902 426 3711 greenanb@mar.dfo-mpo.gc.ca
GREENE Dr. Ethan <i>Head, IACS Division I</i>	Director Colorado Avalanche Information Center 325 Broadway WS1 Boulder, CO, 80305 USA	T: 1 303 499 9650 T: 1 303 204 6027 (mobile) F: 1 303 499 9618 ethan.greene@state.co.us
GREENSLADE Dr. Diana <i>Secretary, Union Commission on Geophysical Risk and Sustainability (GRC)</i>	Bureau of Meteorology Centre for Australian Weather and Climate Research GPO Box 1289 Melbourne, VIC, 3001 AUSTRALIA	T: 61 3 9669 4124 F: 61 3 9669 4660 d.greenslade@bom.gov.au diana@icsu.org

- GREGERSEN**
Dr. Søren
Past Treasurer, IUGG (1987-1999)
IASPEI National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Geological Survey of Denmark and Greenland,
GEUS
Ostervoldgade 10
1350 Copenhagen K
DENMARK
- T: 45 3814 2450
F: 45 3814 2050
sg@geus.dk
- GREGG**
Dr. Tracy
Co-Leader IAVCEI/IACS Commission on
Volcano-Ice Interaction
- University at Buffalo
Department of Geology
411 Cooke Hall
Buffalo, NY 14260
USA
- T: 1 716 645 4328
F: 1 716 645 3999
tgregg@buffalo.edu
- GREINER-BRZEZINSKA**
Dr. Dorota
President, IAG Commission 4: Positioning &
Applications
- The Ohio State University
Civil & Environm. Eng. & Geodetic Science
470 Hitchcock Hall
2070 Neil Avenue
Columbus, OH, 43210
USA
- T: 1 614 292 8787
F: 1 614 292 3780
dorota@cfm.ohio-state.edu
- GREVE**
Prof. Ralf
Head, IACS Division V
- Hokkaido University
Institute of Low Temperature Science
Kita-19, Nishi-8, Kita-ku
Sapporo, 060-0819
JAPAN
- T: 81 11 706 6891
F: 81 11 706 7142
greve@lowtem.hokudai.ac.jp
- GREW**
Dr. Priscilla
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Director
University of Nebraska State Museum
307 Morrill Hall
P.O. Box 880338
Lincoln, NE, 68588-0338
USA
- T: 1 402 472 3779
F: 1 402 472 8899
pgrew1@unl.edu
- GRIBOVSKI**
Dr. Zoltán
IAHS National Correspondent
- Institute of Geomatics, Forest Opening-up and
Water Management
Faculty of Forestry, University of West Hungary,
Sopron
P.O.Box 132
9401 SOPRON
HUNGARY
- T: 36 99 518-109
F: 36 99 518-123
gevi@emk.nyme.hu
- GRIMALDI**
Prof. Salvatore
President, IAHS ICSH
Member, IUGG Early Career Scientist Award
Committee
- University of Tuscia
GEMINI Department
Via San Camillo De Lellis
01100 Viterbo
ITALY
- T: 39 0761 357 326
F: 39 0761 357 356
salvatore.grimaldi@unitus.it
- GROBELAAR**
Dr. Michelle
Member, IASPEI Executive Committee
Secretary General, African Seismological
Commission (AfSC)
- Council for Geoscience
Seismology Unit
Private Bag X112
Pretoria, 0001
SOUTH AFRICA
- T: 27 12 841 1200
F: 27 12 841 1424
michelle@geoscience.org.za
- GROSS**
Dr. Richard S.
President, IAG Commission 3: Earth Rotation
and Geodynamics
- Jet Propulsion Laboratory
4800 Oak Grove Dr.
Mall Stop 238-600
Pasadena, CA, 91109
USA
- T: 1 818 354 4010
F: 1 818 393 4965
richard.gross@jpl.nasa.gov
- GROTJAHN**
Prof. Richard
Secretary, IAMAS ICDM
- University of California
Dept. of L.A.W.R.
One Shields Avenue
Davis, CA, 95616-8627
USA
- T: 1 530 752 2246
F: 1 530 752 1793
grotjahn@ucdavis.edu
- GUBBINS**
Prof. David
Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)
- University of Leeds
Department of Earth Sciences
Leeds, LS2 9JT
UK
- T: 44 113 343 5255
F: 44 113 343 5255
gubbins@earth.leeds.ac.uk
- GUDMUNDSSON**
Mr. Magnus
IAG National Correspondent
- National Land Survey of Iceland
Stíllholt 16-18
300 Akranes
ICELAND
- T: 354 430 9000
F: 354 430 9090
magnus@lmi.is

- GUDMUNDSSON**
Mr. Magnus Tumi
IAVCEI National Correspondent
- University of Iceland
Institute of Earth Sciences
Building of Natural Sciences, room 332
Sturlugata 7
101 Reykjavik
ICELAND
- T: 354 525 5867
F: 354 562 9767
mtg@hi.is
- GUFFANTI**
Marianne
IUGG Liaison, International Civil Aviation Organization (ICAO)
- U.S. Geological Survey
926-A National Center
Reston, VA, 20192
USA
- T: 1 703 648 6708
F: 1 703 648 5483
guffanti@usgs.gov
- GULEMVUGA**
Ir. Georges
IAHS National Correspondent
- Director of Water Resources
International Commission for Congo Basin (CICOS)
Blding Kilou - 24th Avenue Wagenia
Kinshasa/Gombe
D.R. CONGO
- T: 243 81 897 0966
georges_gul@yahoo.fr
- GULIEV**
Acad. Prof. Ibrahim
President, National Committee
- Deputy Director
Geology Institute, ANAS
Av. H. Javid 29a
AZ 1143 Baku
AZERBAIJAN
- T: 994 12 439 5619
F: 994 12 497 5285
iguliyev@gia.az
- GULIYEV**
Prof. Dr. Eyyub
IAGA National Correspondent
- Director, Shemakha Astrophysics Observatory,
ANAS
Y. Mammadaliyev Settlement
AZ 5618 Shemakha
AZERBAIJAN
- T: 994 12 497 5268
T: 994 176 61000
- GUO**
Prof. Zhengfu
Member, IUGG Visioning Committee
- Chinese Academy of Sciences
Institute of Geology and Geophysics
P.O. Box 9825
19# Beitucheng Xi Lu
Chaoyang District
Beijing
CHINA
- T: 86 10 8299 8393
F: 86 10 6201 0846
zfguo@mail.iggcas.ac.cn
- GUPTA**
Dr. Harsh K.
*President, IUGG
Advisory Board Member, Union Commission on Geophysical Risk and Sustainability (GRC);
Lifetime Bureau Member, SCL/ILP
Member, National Committee (ex officio)*
- Panikkar Professor
National Geophysical Research Institute (NGRI)
Uppal Road
Hyderabad, 500 007
INDIA
- T: 91 40 2343 4669
F: 91 40 2343 4666
harshgupta@nic.in
harshg123@gmail.com
- GURIOLI**
Lucia
Co-Leader, IAVCEI Commission on Explosive Volcanism
- Observatoire de Physique du Globe de Clermont-Ferrand
Laboratoire Magmas et Volcans
5 rue Kessler
63038 Clermont-Ferrand Cedex
FRANCE
- F: 33 4 7334 6744
l.gurioli@opgc.univ-bpclermont.fr
- GUSIAKOV**
Prof. Viacheslav K.
Advisory Board Member, Union Commission on Geophysical Risk and Sustainability (GRC)
- Russian Academy of Sciences (RAS)
Institute of Computational Mathematics and Mathematical Geophysics
Pr. Lavrentieva, 6
630090 Novosibirsk
RUSSIA
- T: 7 383 330 7070
F: 7 383 330 8783
gvk@sscc.ru
- GUSIC**
Acad. Ivan
Member, National Committee
- Croatian Academy of Sciences and Arts
Zrinski trg 11
10000 Zagreb
CROATIA
- T: 385 1 4606102
F: 385 1 4606081
ivgusic@gmail.com
- GUTIERREZ**
Dr. Alejandr
IAPSO National Correspondent
- Universidad Nacional
Instituto Internacional del Oceano
Apartado 86-3000
Heredia
COSTA RICA
- gechever@una.ac.cr

- GVISHIANI**
Dr. Alexei D.
Member, IUGG Visioning Committee
Member, IUGG Nominating Committee
IUGG Liaison, CODATA
President, National Committee
IAGA National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Russian Academy of Sciences (RAS)
Geophysical Center
3 Molodezhnaya st.
119296 Moscow
RUSSIA
- T: 7 495 930 0546
F: 7 495 930 0506
adg@wpcb.ru
gvi@wpcb.ru
- GYAKUM**
Dr. John
IAMAS National Correspondent
- McGill University
Department of Atmospheric and Ocean Sciences
Rm 945, Burnside Hall
805 Sherbrooke Street West
Montreal, QC, H3A 2K6
CANADA
- T: 1 514 398 3764
F: 1 514 398 6115
john.gyakum@mcgill.ca
- GYAMPO**
Mr. Maxwell Anim
Secretary, National Committee
IAMAS National Correspondent
- IUGG-Ghana
University of Developmental Studies
Department of Earth Sciences
Navrongo Campus
Navrongo
GHANA
- T: 233 20 176 9817
gyampom@gmail.com
- HABERLANDT**
Prof. Dr. Uwe
Vice-President, IAHS ICSH
IAHS National Correspondent
- Leibniz University of Hanover
Institute of Water Resources Management
Hydrology & Agricultural Hydraulic Engineering
Appelstr. 9A
30167 Hanover
GERMANY
- T: 49 511 762 2287
F: 49 511 762 3731
haberlandt@iww.uni-hannover.de
- HADI**
Dr. Safwan
IAPSO National Correspondent
- Institute of Technology of Bandung
Department of Geophysics and Meteorology
Jl. Ganesa 10
Bandung, 40132
INDONESIA
- T: 62 22 250 0494
F: 62 22 253 4139
safwan@geoph.itb.ac.id
- HADY**
Prof. Ahmed Abdel
Chair, IAGA Working Group on History of Science
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Cairo University
Faculty of Sciences
Astronomy and Meteorology Department
12613 Giza
EGYPT
- T: 20 1 0183 3361
F: 20 2 3734 5588
aahady@yahoo.com
aahady@cu.edu.eg
- HAFIZI**
Prof. Dr. Mohammad K.
IAHS National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
hafizi@ut.ac.ir
- HAGEN**
Prof. Jon Ove
IACS National Correspondent
- University of Oslo
Faculty of Mathematics & Natural Sciences
Department of Geosciences
Section of Physical Geography
PO Box 1047 Blindern
0316 Oslo
NORWAY
- T: 47 2285 4038
F: 47 2285 4215
j.o.m.hagen@geo.uio.no
- HAI**
Dr. Dang Thanh
IASPEI National Correspondent
- Institute of Geophysics
VAST
Nha A8-18, Hoang Quoc Viet Cau Giay
Hanoi
VIETNAM
- T: 84 4 3756 2804
F: 84 4 3836 4696
haidtigp@gmail.com
- HAIGH**
Prof. Joanna D.
IAMAS National Correspondent
- Space and Atmospheric Physics Blackett
Laboratory
Imperial College London
London, SW7 2BW
UK
- T: 44 20 7594 7671
F: 44 20 7594 7900
j.haigh@imperial.ac.uk
- HAJNAL**
Dr. Zoltan
Member, IUGG Finance Committee
Chair, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- University of Saskatchewan
Department of Geological Sciences
114 Science Place
Saskatoon, SK, S7N 5E2
CANADA
- T: 1 306 966 5694
F: 1 306 966 8593
Zoltan.Hajnal@usask.ca

- HALENKA**
Assoc. Prof. Dr. Tomas
Member, IUGG Capacity Building & Education Committee
Member, National Committee
Charles University
Faculty of Mathematics & Physics
Department of Meteorology and Environment Protection
V Holesvickach 2
180 00 Prague 8
CZECH REPUBLIC
T: 420 221 912 514
F: 420 221 912 533
tomas.halenka@mff.cuni.cz
- HAMAN**
Prof. Dr. Krzysztof
IAMAS National Correspondent
University of Warsaw
Institute of Geophysics
Pasteura St. 7
02-093 Warsaw
POLAND
T: 48 22 822 6573
F: 48 22 822 2387
khaman@fuw.edu.pl
- HAN**
Dr. Shin-chan
EC Member, Union Commission on Mathematical Geophysics (CMG) - IAG Representative
NASA/GSFC, Code 698
Planetary Geodynamics Laboratory
Greenbelt, MD, 20771
USA
T: 1 301 614 6470
F: 1 301 614 6522
shin-chan.han@nasa.gov
- HANAWA**
Prof. Kimio
IAPSO National Correspondent
Tohoku University
Department of Geophysics
Graduate School of Sciences
6-3 Aoba, Aramaki, Aobaku
Sendai, 980-8578
JAPAN
T: 81 22 795 6526
F: 81 22 795 6530
hanawa@pol.gp.tohoku.ac.jp
- HANNAH**
Prof. David M.
Vice-President, IAHS ICSW
IAHS National Correspondent
University of Birmingham
School of Geography, Earth and Environmental Sciences
Edgbaston
Birmingham, B15 2TT
UK
T: 44 121 414 6925
F: 44 121 414 5528
d.m.hannah@bham.ac.uk
- HANSEN**
Lektor Aksel Walløe
Treasurer, IUGG
President, National Committee
Member IUGG Committee on Membership Issues
University of Copenhagen
Department of Geophysics
Juliane Maries Vej 30
2100 Copenhagen Ø
DENMARK
T: 45 3532 0567
F: 45 3536 5357
awh@gfy.ku.dk
- HANSEN**
Laurent
Contact Person, Adhering Organization
Scientific Counsellor
The Royal Academies for Science and the Arts of Belgium (RASAB)
Hertogsstraat 1 Rue Ducale
1000 Brussels
BELGIUM
T: 32 2 550 22 47
F: 32 2 550 22 16
laurent.hansen@rasab.be
- HANSROD**
Mr. Belal D.
IAVCEI National Correspondent
Mauritius Oceanography Institute
France Centre
Victoria Avenue
Quatre Bornes
MAURITIUS
T: 230 427 4434
F: 230 427 4433
belaldh@moi.ontnet.mu
- HANSSEN**
Prof. Dr. Ir. Ramon F.
President, National Committee
Delft University of Technology
Faculty of Civil Engineering and Geosciences
Department of Geoscience and Remote Sensing
PO Box 5048
2628 CN Delft
THE NETHERLANDS
T: 31 15 278 3662
F: 31 15 278 3711
r.f.hanssen@tudelft.nl
- HARDEBECK**
Jeanne
IASPEI National Correspondent
US Geological Survey
Earthquake Science Center
345 Middlefield Road MS 977
Menlo Park, CA, 94025
USA
T: 1 650 329 4711
F: 1 650 329 5143
jhardebeck@usgs.gov
- HARINARAYANA**
Prof. Dr. Tirumalachetty
IAGA WG I-2 Liaison, IAGA/IASPEI/IAVCEI
Member IUGG Committee on Membership Issues
Working Group on Electromagnetic Studies of Earthquakes & Volcanoes (EMSEV)
Director
Gujarat Energy Research & Management Institute
1st Floor, Energy Building
Pandit Deendayal Petroleum University
Raisan Village, Gandhinagar - 382 007
INDIA
T: 91 79 23275355
F: 91 79 23275380
harinarayana@germi.res.in
- HARYADI**
Dr. Prih
IAMAS National Correspondent
Meteorological, Climatological and Geophysical Agency (BKMKG)
Jl. Angkasa I No. 2, Kemayoran
Jakarta, 10620
INDONESIA
T: 62 21 654 0158
F: 62 21 654 0158
prih2@yahoo.com

HEAL Dr. Kate <i>President, IAHS ICWQ</i>	The University of Edinburgh School of Geosciences Crew Building West Mains Road Edinburgh, EH9 3JN UK	T: 44 131 650 5420 F: 44 131 662 0478 k.heal@ed.ac.uk
HEFTY Prof. Jan <i>Vice-President, National Committee</i>	Slovak University of Technology Department of Theoretical Geodesy Radlinskeho 11 813 68 Bratislava SLOVAK REPUBLIC	T: 421 2 5927 4533 F: 421 2 5392 5476 jan.hefty@stuba.sk
HEIDBACH Dr. Oliver <i>Chair, IASPEI Task Group on World Stress Map Project</i>	GFZ German Research Centre for Geosciences Section 2.6, Seismic Hazard and Stress Field Telegrafenberg 14473 Potsdam GERMANY	T: 49 331 228 2814 F: 49 331 228 1127 heidbach@gfz-potsdam.de
HEIKEN Dr. Grant <i>IAVCEI Representative, IUGG Working Group on History</i>	Durham University The International Volcanic Health Hazard Network 331 Windantide Pl. Freeland, WA, 98249-9683 USA	heiken@whidbey.com
HEIKKINEN Dr. Pekka <i>IASPEI National Correspondent</i>	University of Helsinki Institute of Seismology P.O. Box 68 00014 Helsinki FINLAND	T: 358 9 1915 1605 F: 358 9 1915 1626 pekka.heikkinen@seismo.helsinki.fi
HEJDA Dr. Pavel <i>Chair, IAGA Working Group V-OBS IAGA National Correspondent</i>	Academy of Sciences of the Czech Republic Institute of Geophysics Bocni II/1401 141 31 Prague 4 - Sporilov CZECH REPUBLIC	T: 420 267 103 339 F: 420 272 761 549 ph@ig.cas.cz
HEKI Prof. Kosuke <i>IAG National Correspondent</i>	Hokkaido University Department of Natural History Sciences N10, W8, Kita-ku, Sapporo Hokkaido, 060-0810 JAPAN	T: 81 11 706 3826 F: 81 11 706 3826 heki@mail.sci.hokudai.ac.jp
HELFRICH Prof. George <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of Bristol School of Earth Sciences Wills Memorial Bldg. Queen's Road Bristol, BS8 1RJ UK	T: 44 117 954 5400 F: 44 117 925 3385 george.helffrich@bris.ac.uk
HENTON Dr. Joseph <i>IAG National Correspondent</i>	Natural Resources Canada Geodetic Survey Division P.O. Box 6000 9860 West Saanich Road 3 rd Floor Rm 3731 Sidney, BC, V8L 4B2 CANADA	T: 1 250 363 6658 F: 1 250 363 6565 Joe.Henton@NRCan-RNCan.gc.ca
HERAK Prof. Dr. Davorka <i>IAGA National Correspondent</i>	University of Zagreb Faculty of Science Andrija Mohorovicic Geophysical Institute Horvatovac 95 10000 Zagreb CROATIA	T: 385 1 460 5914 F: 385 1 468 0331 herak@irb.hr
HERAK Prof. Dr. Marijan <i>IASPEI National Correspondent</i>	University of Zagreb Faculty of Sciences Andrija Mohorovicic Geophysical Institute Horvatovac 95 10000 Zagreb CROATIA	T: 385 1 460 5914 F: 385 1 468 0331 herak@irb.hr
HERRERA REVILLA Dr. Ismael <i>IAHS National Correspondent</i>	Universidad Nacional Autonoma de Mexico Instituto de Geofisica Apartado Postal 22-582 14000 Mexico, D.F. MEXICO	T: 52 55 5550 5404 F: 52 55 5550 2486 iherrera@tonatiuh.igeofcu.unam.mx

- HERRERO-BERVERA**
Emilio
Chair, IAGA Working Group I-3
- University of Hawaii at Manoa
Hawaii Institute of Geophysics and Planetology
1680 East-West Road
POST 602
Honolulu, HI, 96822
USA
- T: 1 808 956 6192
F: 1 808 956 3188
herrero@soest.hawaii.edu
- HERRING**
Dr. Thomas A.
Service Representative, IAG Executive Committee
- Massachusetts Institute of Technology
Room 54-820a
77 Massachusetts Avenue
Cambridge, MA, 02139
USA
- T: 1 617 253 5941
F: 1 617 258 7401
tah@mit.edu
- HERZFELD**
Ass. Prof. Dr. Ute
EC Member, Union Commission on Mathematical Geophysics (CMG) - IACS Representative
- Cooperative Institute for Research in Environmental Sciences (CIRES)
National Snow and Ice Data Center (NSIDC)
1540 30th St.
Boulder, CO, 80309
USA
- T: 1 303 735 5164
T: 1 303 492 9066
F: 1 303 492 2758
Ute.Herzfeld@colorado.edu
uch5678@gmail.com
- HIBIYA**
Prof. Toshiyuki
Member, IAPSO Executive Committee
- The University of Tokyo
Dept. of Earth and Planetary Science
Graduate School of Science
7-3-1 Hongo, Bunkyo-ku
Tokyo, 113-0033
JAPAN
- T: 81 3 5841 4303
F: 81 3 5841 4303
hibiya@eps.s.u-tokyo.ac.jp
- HIGGINS**
Dr. Michael D.
IAVCEI National Correspondent
- Université de Québec
Sciences de la Terre
555 blvd de l'université
Chicoutimi, QC, G7H 2B1
CANADA
- T: 1 418 545 5011 ext.5052
F: 1 418 545 5012
mhiggins@uqac.ca
- HILL**
Dr. Mary C.
Vice-Chair, National Committee IAHS National Correspondent
- US Geological Survey
3215 Marine St.
Boulder, CO, 80303
USA
- T: 1 303 541 3014
F: 1 303 447 2505
mchill@usgs.gov
- HIPSEY**
Prof. Matthew
Vice President, IAHS ICGW
- School of Earth & Environment
The University of Western Australia
35 Stirling Hwy, Crawley, Perth Western
AUSTRALIA
- T: 61 8 6488 3186
matt.hipsey@uwa.edu.au
- HISDAL**
Dr. Hege
Vice-President, IAHS ICSW Secretary, National Committee IAHS National Correspondent
- Norwegian Water Resources & Energy Directorate (NVE)
Middelthunsgate 29, PO Box 5091 Maj.
0301 Oslo
NORWAY
- T: 47 2295 9133
F: 47 2295 9216
hhi@nve.no
- HIYAMA**
Tetsuya
Vice-President, IAHS ICSIH
- Research Institute for Humanity and Nature (RIHN)
457-4 Motoyama, Kamigamo, Kita-ku
Kyoto, 603-8047
JAPAN
- T: 81 75 707 2456
F: 81 75 707 2513
hiyama@chikyu.ac.jp
- HJØLLO**
Dr. Solfrid Saetre
IAPSO National Correspondent
- Institute of Marine Research
Nordnesgate 50
P.O. Box 1870 Nordnes
5817 Bergen
NORWAY
- T: 47 9583 5106
F: 47 5558 4330
solfrid.hjollo@imr.no
- HOCK**
Dr. Regine
Secretary, IAHS ICSIH
- Geophysical Institute
903 Koyukuk Dr
Fairbanks, AK, 99775-7320
USA
- T: 1 907 474 7691
F: 1 907 474 7290
regine.hock@gi.alaska.edu
- HOFSTETTER**
Dr. Rami
IASPEI National Correspondent
- Academy of Sciences & Humanities
The Geophysical Institute of Israel
Seismology Division
P.O. Box 182
Lod, 71100
ISRAEL
- T: 972 8 978 5853
F: 972 8 925 5211
rami@seis.mni.gov.il
- HÖGGERL**
Dipl. Ing. Norbert
Secretary, National Committee Nationally Accredited Delegate to the 25th Council of the Union, 2011
- c/o Federal Office of Metrology and Surveying (BEV)
Schiffamtsgasse 1-3
1020 Vienna
AUSTRIA
- T: 43 1 21110 3200
T: 43 664 2136985
F: 43 1 21110 3200
admin@oegk-geodesy.at

HOLBROOK Assoc. Prof. Neil <i>President, IAMAS ICCL</i>	University of Tasmania Institute for Marine and Antarctic Studies Hobart, TAS, 7001 AUSTRALIA	T: 61 3 6226 2027 F: 61 3 6226 7628 neil.holbrook@utas.edu.au
HOLGATE Dr. Simon <i>Vice-President, IAPSO Commission on Mean Sea Level and Tides</i>	National Oceanography Centre Permanent Service for Mean Sea Level Liverpool, L3 5DA UK	T: 44 151 795 4800 F: 44 151 795 4801 simonh@noc.ac.uk
HOLM Lektor Paul Martin <i>IAVCEI National Correspondent</i>	Geological Museum Øster Voldgade 5-7 1350 Copenhagen K DENMARK	T: 45 3532 2360 F: 45 3532 2325 akp@savik.geomus.ku.dk
HOLME Richard <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of Liverpool School of Environmental Sciences Nicholson Building Liverpool, L69 3GP UK	T: 44 151 794 5254 R.T.Holme@liverpool.ac.uk
HOLMLUND Prof. Per <i>IACS National Correspondent</i>	Stockholm University Department Physical Geography and Quaternary Geology SE- 106 91 Stockholm SWEDEN	T: 46 8 164 811 F: 46 8 164 818 per.holmlund@natgeo.su.se
HOLOTA Dr. Petr <i>Secretary, National Committee IAG National Correspondent</i>	Research Institute of Geodesy, Topography & Cartography Ustecka 98 250 66 Zdiby, Prague-East CZECH REPUBLIC	T: 420 323 649 235 T: 420 284 890 907 F: 420 284 890 056 holota@pecny.asu.cas.cz
HOLSCHNEIDER Prof. Matthias <i>EC Member, Union Commission on Mathematical Geophysics (CMG) - IAGA Representative</i>	University of Potsdam Institute of Mathematics Postfach 60 15 53 14415 Potsdam GERMANY	T: 49 331 977 1500 T: 49 331 977 1663 F: 49 331 977 1578 hols@math.uni-potsdam.de
HOPPE Prof. Dr. Ulf-Peter <i>Chair, National Committee IAGA National Correspondent Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	Norwegian Defense Research Establishment (FFI) P.O. Box 25 2027 Kjeller NORWAY	T: 47 6380 7287 T: 47 9909 6494 F: 47 6380 7212 Ulf-Peter.Hoppe@ffi.no
HORNIK Helmut <i>Assistant Secretary General, IAG</i>	German Geodetic Research Institute (DGFI) Alfons-Goppel-Str. 11 80539 Munich GERMANY	T: 49 89 230 311 113 F: 49 89 230 311 240 hornik@dgfi.badw.de
HORT Prof. Dr. Matthias <i>IAVCEI National Correspondent</i>	University of Hamburg Institute of Geophysics Bundesstrasse 55 20146 Hamburg GERMANY	T: 49 40 428 383 969 F: 49 40 428 385 441 matthias.hort@zmaw.de
HORVATH Dr. Kristian <i>IAMAS National Correspondent</i>	Meteorological and Hydrological Service Department of Research Gric 3 10000 Zagreb CROATIA	T: 385 1 456 5752 F: 385 1 456 5630 kristian.horvath@cirus.dhz.hr
HORVÁTH Dr. László <i>IAPSO National Correspondent</i>	Hungarian Meteorological Service P.O. Box 38 1525 Budapest HUNGARY	T: 36 1 346 4600 F: 36 1 346 4669 horvath@met.hu
HORWELL Dr. Claire <i>Co-Leader, IAVCEI International Volcanic Health Hazard Network (IVHHN)</i>	University of Durham Department of Earth Sciences Institute of Hazard and Risk Research Science Labs, South Road Durham, DH1 3LE UK	T: 44 191 334 2253 F: 44 191 334 2301 claire.horwell@durham.ac.uk

- HOUSEMAN**
Prof. Gregory A.
Co-Chair, IASPEI Commission on Earth Structure & Geodynamics
- University of Leeds
School of Earth Sciences
Leeds, LS2 9JT
UK
- T: 44 113 343 5206
F: 44 113 343 5259
greg@earth.leeds.ac.uk
- HOUSER**
Paul
Vice-President, ICCLAS
- George Mason University
Department of Geography and Geoinformation Science
USA
- T: 1 703 993 9238
phouser@gmu.edu
- HOVHANNISSYAN**
Dr. Samvel
IAGA National Correspondent
- Northern Department of National Survey for Seismic Protection of RA
5a V. Sargsyan Str.
Gyumri, 3115
Republic of ARMENIA
- T: 374 10 284 612
F: 374 31 231 580
snaznssp@mail.ru
- HOYLE**
Dr. Christopher Robert
IAMAS National Correspondent
- Paul Scherrer Institute
Aerosol Physics Group
OFLA/104
5232 Villigen – PSI
SWITZERLAND
- T: 41 56310 5317
christopherrobert.hoyle@psi.ch
- HUANG**
Prof. Bor-Shouh
Executive Secretary, National Committee
- Academia Sinica
Institute of Earth Sciences
P.O. Box 1-55 Nankang
Taipei, Taiwan, 115
CHINA-TAIPEI
- T: 886 2 2783 9910 ext 323
F: 886 2 2783 9871
hwbs@earth.sinica.edu.tw
- HUANG**
Dr. Shaopeng
Vice-Chair, IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC)
- Xi'an Jiaotong University
Institute of Global Environmental Change
Geothermal and Environmental Research Lab
99 Yanxiang Rd
Xi'an, 710054
CHINA
- T: 1 734 763 3169
F: 1 734 763 4690
shaopeng@xjtu.edu.cn
shaopeng@umich.edu
- HUANG**
Yan
Secretary, IAHS ICSW
- Changjiang Institute of Survey, Planning, Design and Research
Changjiang Water Resources Commission (CWRC)
No. 1863 Jiefang Avenue
Wuhan, 430010
CHINA
- T: 86 27 8292 6230
F: 86 27 8282 9202
y.huang.ctw@gmail.com
- HUBBARD**
Prof. Bryn
IACS National Correspondent
- Aberystwyth University
Institute of Geography & Earth Sciences
Penglais Campus
Llandinam Building
Aberystwyth, SY23 3DB
UK
- T: 44 1970 622 783
F: 44 1970 622 659
byh@aber.ac.uk
- HUBERT**
Dr. Pierre
*Bureau Member, IUGG
Member, IUGG Resolution Committee*
- 12 rue Lacuée
75012 Paris
FRANCE
- T: 33 1 4427 2373
F: 33 1 4427 5125
pjy.hubert@free.fr
- HUGENTOBLER**
Prof. Dr. Urs
Chair of the Governing Board, IAG International GNSS Service (IGS)
- Technical University of Munich
Institute for Astronomical and Physical Geodesy
Arcisstr. 21
80333 Munich
GERMANY
- T: 49 89 2892 3195
F: 49 89 2892 3178
urs.hugentobler@bv.tum.de
- HUGHES**
Prof. Denis
*Vice-President, IAHS
Chair, Task Force for Developing Countries*
- Rhodes University
Institute for Water Research
P.O. Box 94
Grahamstown, 6140
SOUTH AFRICA
- T: 27 46 622 4014
F: 27 46 622 9427
D.Hughes@ru.ac.za
- HULOT**
Dr. Gauthier
*Past Chair & Executive Committee Member,
Union Commission on the Study of the Earth's Deep Interior (SEDI)
Chair, IAGA Division I*
- Institut de Physique du Globe de Paris
Equipe de Géomagnétisme
1 rue Jussieu
75238 Paris Cedex 05
FRANCE
- T: 33 1 4427 3406
F: 33 1 4427 3727
gh@ipgp.fr
- HUNT Wallis**
Edwin
Contact Person, Adhering Organization
- Instituto Geográfico Militar de Chile
IGM International Relations Section
Nueva Santa Isabel 1640
Santiago
CHILE
- T: 56 2 2410 9314
ehunt@igm.cl

- HUR**
Dr. Soon-Do
IACS National Correspondent
- Korea Polar Research Institute
Songdo Techno Park
7-50, Songdo-dong, Yeonsu-gu
Incheon, 406-840
KOREA
- T: 82 32 260 6141
F: 82 32 260 6109
sdhur@kopri.re.kr
- HUT**
Dr Rolf
Chair, IAHS MOXXI Working Group
- TU Delft
Civil Engineering & Geosciences
Water Management
Stevinweg 1
2628 CN Delft
THE NETHERLANDS
- T: 31 15 2784909
R.W.Hut@tudelft.nl
- HUYBRECHTS**
Prof. Philippe
IACS National Correspondent
- Vrije Universiteit Brussel
Departement Geografie
Pleinlaan 2
1050 Brussels
BELGIUM
- T: 32 2 629 3593
F: 32 2 629 3378
phuybrec@vub.ac.be
- IGLESIAS MENDOZA**
Dr. Arturo
President, National Committee
- Instituto de Geofisica, UNAM
Ciudad Universitaria
Del Coyoacan
04510 Mexico, D.F.
MEXICO
- T: 52 55 5622 4122
F: 52 55 5550 2486
direccion@geofisica.unam.mx
- IMAMURA**
Dr. Fumihiko
*Vice-Chair, IAPSO/IASPEI/IAVCEI Joint
Tsunami Commission*
- Tohoku University
Department of Civil and Environmental
Engineering
Disaster Control Research Center
6-6-06 Aoba Aramaki
Aoba-ku, Sendai, 980-8579
JAPAN
- T: 81 22 795 7513
F: 81 22 795 7514
imamura@tsunami2.civil.tohoku.ac.jp
- IMAWAKI**
Dr. Shiro
*Past President, IAPSO (2003-2007)
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Japan Agency for Marine-Earth Science and
Technology (JAMSTEC)
Data Research Center for Marine Earth Sciences
3173-25 Showa-machi, Kanazawa-ku
Yokohama, 236-0001
JAPAN
- T: 81 45 778 5345
F: 81 45 778 5424
imawaki@jamstec.go.jp
- IP**
Prof. Wing-Huen
IGA National Correspondent
- National Central University
300, Jhongda Rd., Jhongli City
Taoyuan, Taiwan, 320
CHINA-TAIPEI
- T: 886 3 425 4028
F: 886 3 425 4842
wingip@astro.ncu.edu.tw
- ISHIBASHI**
Dr. Katsuhiko
*Co-Chair, IASPEI Working Group on Historical
Seismicity*
- Kobe University
Faculty of Science
Department of Earth and Planetary Sciences
Kobe, 657-8501
JAPAN
- T: 81 78 803 5731
F: 81 78 803 5731
ishi@kobe-u.ac.jp
- ISMAIL**
Samir Riad
IASPEI National Correspondent
- Assiut University
Faculty of Science
Geophysics Department
Assiut
EGYPT
- T: 20 88 7485 586
T: 20 1 2214 9247
F: 20 88 7495 296
samir@mail.unesco.org.eg
- ISMAIL-ZADEH**
Dr. Alik
*Secretary General, IUGG
Member, IUGG Site Comparison Committee
Member, IUGG Gold Medal Committee
Past Chair & Honorary Member, Union
Commission on Geophysical Risk and
Sustainability (GRC)*
- Karlsruhe Institute of Technology (KIT)
Institute of Applied Geosciences
Adenauerring 20b, Geb. 50.40
76131 Karlsruhe
GERMANY
- T: 49 721 6084 4610
Alik.Ismail-Zadeh@kit.edu
- ISMAYIL-ZADE**
Acad. Prof. Arif
IAVCEI National Correspondent
- Head of Dept. "Petrology and Metallogenics"
Geology Institute, ANAS
Av. H. Javid 29a
AZ 1143 Baku
AZERBAIJAN
- T: 994 12 438 6230
F: 994 12 497 5285
arif_ismail@gia.ab.az
- ISRAFILOV**
Dr. Yusif
IAHS National Correspondent
- Head, Dept. "Hydrogeology and Engineering
Geology"
Geology Institute, ANAS
Av. H. Javid 29a
AZ 1143 Baku
AZERBAIJAN
- T: 994 12 510 1164
F: 994 12 497 5285
yusifisrafil@gia.ab.az
yusif-baku@yandrex.ru

- IYEMORI**
Prof. Toshihiko
Member, IAGA Executive Committee
- Kyoto University
Graduate School of Science
Kitashirakawa Oiwake-cho, Sakyo-ku
Kyoto, 606-8502
JAPAN
- T: 81 75 753 3949
F: 81 75 722 7884
iyemori@kugi.kyoto-u.ac.jp
- JACKSON**
Prof. David D.
Past Bureau Member, IUGG (2007-2011)
Executive Committee Member & IASPEI
Representative, Union Commission on
Geophysical Risk and Sustainability (GRC);
IUGG Representative, SCL/ILP
Co-Chair, IASPEI Working Group on Earthquake
Predictability
- University of California, Los Angeles
Department of Earth & Space Sciences
595 Young Drive East
Los Angeles, CA, 90095-1567
USA
- T: 1 310 825 0421
F: 1 310 825 2779
djackson@ucla.edu
- JACKSON**
Prof. Ian
1st Vice-President, IASPEI
IASPEI National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- The Australian National University
Research School of Earth Sciences
Canberra, ACT, 0200
AUSTRALIA
- T: 61 2 6125 2498
F: 61 2 6125 8253
ian.jackson@anu.edu.au
- JACOBI**
Christoph
Chair, IAGA Working Group II-D
- University of Leipzig
Faculty of Physics and Earth Science
Institute of Meteorology
Stephanstr. 3
04103 Leipzig
GERMANY
- T: 49 341 973 2876
F: 49 341 973 2899
jacobi@uni-leipzig.de
- JADOO**
Mr. O.
President, National Committee
- Permanent Secretary
Ministry of Environment
10th Floor, Ken Lee Tower
Line Barracks Street
Port Louis
MAURITIUS
- T: 230 201 1902
F: 230 201 3659
ojadoo@mail.gov.mu
- JAGANNATH**
Mr. Ramchand
IAHS National Correspondent
- Acting Principal Hydrological Officer
Water Resources Unit
Impasse St. Ignace
Royal Complex
Rose Hill
MAURITIUS
- T: 230 465 7988
F: 230 465 7177
wru@intnet.mu
- JARA Lecanda**
Col. Rony
President, National Committee
- Director
Instituto Geografico Militar de Chile
Nueva Santa Isabel 1640
Santiago
CHILE
- T: 56 2 2410 9301
F: 56 2 2699 0554
direccion@igm.cl
rjaral@gmail.com
- JARZYNA**
Prof. Jadwiga Anna
Member, IUGG Capacity Building & Education
Committee
- AGH University of Science and Technology
Faculty of Geology, Geophysics and
Environmental Protection
al. Mickiewicza 30
30-059 Krakow
POLAND
- T: 48 12 617 2421
F: 48 12 633 2936
jarzyna@uci.agh.edu.pl
- JAULT**
Dr. Dominique
Executive Committee Member, Union
Commission on the Study of the Earth's Deep
Interior (SEDI)
- ETH Zurich
Institute of Geophysics
Earth and Planetary Magnetism Group
Sonneggstrasse 5
8092 Zurich
SWITZERLAND
- T: 41 44 633 7539
dominique.jault@erdw.ethz.ch
- JEWITT**
Prof. Graham
IAHS National Correspondent
- Centre for Water Resources Research
University of KwaZulu-Natal
P Bag X01
Scottsville, 3209
SOUTH AFRICA
- T: 27 33 2605678
JewittG@ukzn.ac.za
- JOCHUM**
Prof. Markus
IAPSO National Correspondent
- University of Copenhagen
Department of Geophysics
Juliane Maries Vej 30
2100 Copenhagen Ø
DENMARK
- T: 45 3532 0606
mjochum@nbi.dk

JOHNSON Catherine <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of Vancouver, British Columbia Department of Earth and Ocean Sciences 6339 Stores Road Vancouver, BC, V6T 1Z4 CANADA	T: 1 604 827 3480 cjohnson@eos.ubc.ca
JOHNSTON Dr. David <i>IAVCEI National Correspondent</i>	GNS Science P.O. Box 30-368 Lower Hutt NEW ZEALAND	T: 64 4 570 1444 F: 64 4 570 1440 d.johnston@gns.cri.nz
JOHNSTON Gary <i>Vice-President, IAG Commission 1: Reference Frames</i>	Geoscience Australia Minerals and Natural Hazards Division GPO Box 378 Canberra, ACT, 2601 AUSTRALIA	T: 61 2 6249 9049 F: 61 2 6249 9964 gary.johnston@ga.gov.au
JOHNSTON Dr. Malcolm J.S. <i>Vice-Chair & IASPEI Liaison, IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV)</i>	U.S. Geological Survey Mail Stop 977 345 Middlefield Road Menlo Park, CA, 94025 USA	T: 1 650 329 4812 F: 1 650 329 5163 mal@usgs.gov
JOLLY Dr. Gill <i>Co-Chair, IAVCEI World Organization of Volcano Observatories</i>	Wairakei Research Centre Volcanology Department GNS Science Taupo NEW ZEALAND	T: 64 7 376 0140 G.Jolly@gns.cri.nz
JONAS Tobias <i>Vice-President, IAHS ICSIH</i>	WSL Institute for Snow and Avalanche Research (SLF) Snow Hydrology Research Group Flüelastr. 11 7260 Davos Dorf SWITZERLAND	T: 41 81 417 0259 F: 41 81 417 0110 jonas@slf.ch
JONES Prof. Alan G. <i>IAGA National Correspondent</i>	Dublin Institute for Advanced Studies 5 Merrion Square Dublin 2 IRELAND	T: 353 1 653 5147 ext. 224 F: 353 1 443 0575 alan@cp.dias.ie
JONES Chris <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of Leeds School of Mathematics Leeds, LS2 9JT UK	T: 44 113 3435 107 F: 44 113 3435 090 cajones@maths.leeds.ac.uk
JORDANOVA Neli <i>Co-Chair, IAGA Working Group I-4</i>	Bulgarian Academy of Sciences National Institute of Geophysics, Geodesy and Geography Acad. G. Bonchev str., bl. 3 1113 Sofia BULGARIA	T: 359 2 9793 958 F: 359 2 9713 005 vanedi@geophys.bas.bg
JOSELYN Dr. Jo Ann <i>Member, IUGG Statutes and By-Laws Committee Past Secretary General, IUGG (1999-2007) Past Secretary General, IAGA (1995-1999)</i>	4875 Sioux Dr., Ap. 103 Boulder, CO, 80303 USA	T: 1 303 494 4258 jjoselyn@earthlink.net
JOVANOVSKI Prof. Dr. Milorad <i>Secretary General, National Committee</i>	Ss Cyril and Methodius University Faculty of Civil Engineering Department of Geotechnical Engineering Blvd. Partizanski odredi 24 1000 Skopje F.Y.R. MACEDONIA	T: 389 2 311 6066 ext. 103 F: 389 2 311 8834 jovanovski@gf.ukim.edu.mk
JOWITT Dr. Simon <i>Vice-Chair, IAVCEI Commission on Large Igneous Provinces</i>	School of Geosciences Monash University Melbourne, VIC 3800 AUSTRALIA	T: 61 3 990 53832 F: 61 3 990 54903 simon.jowitt@monash.edu
JOZWIAK Dr. Waldemar <i>IAGA National Correspondent</i>	Polish Academy of Sciences Institute of Geophysics Ksiecia Janusza St. 64 01-452 Warsaw POLAND	T: 48 22 691 5754 F: 48 22 691 5915 jozwiak@igf.edu.pl

- KÄÄB**
Prof. Dr. Andreas
Executive Committee Member, Union Commission on Geophysical Risk and Sustainability (GRC)
- University of Oslo
Department of Geosciences
Postbox 1047 Blindern
0316 Oslo
NORWAY
- T: 47 228 55812
F: 47 228 54215
kaeae@geo.uio.no
- KAAS**
Prof. Eigil
IAMAS National Correspondent
- University of Copenhagen
Department of Geophysics
Juliane Maries Vej 30
2100 Copenhagen Ø
DENMARK
- T: 45 3532 0514
kaas@gfy.ku.dk
- KAASALAINEN**
Dr. Sanna
President, National Committee
- Finnish Geodetic Institute
Department of Remote Sensing and Photogrammetry
Geodeetinrinne 2, P.O. Box 15
02431 Masala
FINLAND
- T: 358 9 2955 5203
F: 358 9 2955 5211
sanna.kaasalainen@fgi.fi
- KADIROV**
Prof. Dr. Fakhraddin
IAG National Correspondent
- Head of Dept. "Geodynamics & Seismology"
Geology Institute, ANAS
Av. H. Javid 29a
AZ 1143 Baku
AZERBAIJAN
- T: 994 12 439 2193
F: 994 12 497 5283
kadirovf@gmail.com
- KAHMA**
Prof. Kimmo
IAPSO National Correspondent
- Finnish Meteorological Institute
P.O. Box 503
00560 Helsinki
FINLAND
- T: 358 9 1929 6429
kimmo.kahma@fmi.fi
- KAMPINE**
Dr. Manuel Farnela
Secretary, National Committee IAGA National Correspondent Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Tec. Prof. dos Rec. Minerais
Direcção Nacional de Geologia
C.P. 217
Maputo
MOZAMBIQUE
- T: 258 82 312 8890
T: 258 82 892 3790
F: 258 21 429 216
mkampine@hotmail.com
lmm.edi@gmail.com
- KAMUNGA MUSUNGAY**
Mr. Donatien
IAMAS National Correspondent
- Agence Nationale de Météorologie
B.P. 4715
Kinshasa I
D.R. CONGO
- meteo.redc@ic.cd
- KANEDA**
Dr. Yoshiyuki
Chair, IASPEI/IAPSO/IAGA International Ocean Network (ION)
- Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Dense Oceanfloor Network System for Earthquakes and Tsunamis (DONET)
3137-25 Show-machi, Kanazawa-ku
Yokohama, Kanagawa, 236-001
JAPAN
- T: 81 45 778 5737
kaneday@jamstec.co.jp
- KANG**
Prof. Shichang
Member, IUGG Capacity Building & Education Committee
- Chinese Academy of Sciences
Institute of Tibetan Plateau Research
Jia 4 Datun Road, Chaoyang District
Beijing 100101
CHINA
- T: 86 10 6284 9681
F: 86 10 6284 9681
shichang.kang@itpcas.ac.cn
- KARATAŞ**
Ali
IAMAS National Correspondent
- Turkish State Meteorological Service
06120 Kalaba/Kecioren, Ankara
TURKEY
- T: 90 312 302 2011
F: 90 312 359 3430
akaratas@mgm.gov.tr
- KARATO**
Prof. Shun-Ichiro
Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- Yale University
Department of Geology and Geophysics
P.O. Box 208109
New Haven, CT, 06520-8109
USA
- T: 1 203 432 3147
F: 1 203 432 3134
shun-ichiro.karato@yale.edu
- KARSIDI**
Dr. Asep
President, National Committee Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Head
Indonesian Geospatial Information Agency (BIG)
Jl. Raya Jakarta-Bogor km.46
Bogor, 16911
INDONESIA
- T: 62 21 875 2062
F: 62 21 875 2064
akarsidi@gmail.com
- KASAHARA**
Prof. Junzo
Co-Chair, IASPEI Task Group on Active Monitoring
- University of Tokyo
Earthquake Research Institute
Yayoi 1-1-1, Bunkyo-ku
Tokyo, 113-0032
JAPAN
- T: 81 3 5689 7394
F: 81 3 5689 7234
Kasa2@eri.u-tokyo.ac.jp

KASER Prof. Dr. Georg <i>Past President, IACS (2007-2009)</i> <i>IACS National Correspondent</i>	University of Innsbruck Institute of Meteorology and Geophysics Innrain 52 6020 Innsbruck AUSTRIA	T: 43 512 507 5407 F: 43 512 507 2895 georg.kaser@uibk.ac.at
KATTSOV Dr. Vladimir M. <i>Member at Large, IAMAS</i>	Voeikov Main Geophysical Observatory 7, Karbyshev str. 194021 Saint Petersburg RUSSIA	T: 7 812 297 4390 F: 7 812 297 8661 kattsov@main.mgo.rssi.ru kattsov@mail.ru
KAWASAKI Prof. Zen <i>President, IAMAS ICAE</i>	Osaka University Electrical, Electronics and Information Technology Graduate School of Engineering Yamadaoka 2-1, Suita 565 0871 Osaka JAPAN	T: 81 6 6879 7690 F: 81 6 6879 7774 zen@comm.eng.osaka-u.ac.jp
KAWASE Prof. Hiroshi <i>Co-Chair & IASPEI Representative,</i> <i>IASPEI/IAEE Joint Working Group on Effects of</i> <i>Surface Geology</i>	Kyushu University Faculty of Human-Environment Studies Division of Architecture & Urban Design 6-10-1 Hakozaki, Higashi-ku Fukuoka, 812-8581 JAPAN	T: 81 92 642 3331 F: 81 92 642 3363 kawase@arch.kyushu-u.ac.jp
KAYAL Dr. J.R. <i>IASPEI National Correspondent</i>	CSIR Emeritus Scientist Jadavpur University Kolkata, 700 032 INDIA	T: 91 9830 675 424 (mobile) jr_kayal@gmail.com
KEALY Allison <i>Vice-President, IAG Commission 4: Positioning</i> <i>and Applications</i>	The University of Melbourne Department of Infrastructure Engineering Melbourne School of Engineering Victoria, 3010 AUSTRALIA	T: 61 3 8344 6804 F: 61 3 9347 2916 a.kealy@unimelb.edu.au
KELLOGG Dr. Louise <i>Advisory Committee, Union Commission on the</i> <i>Study of the Earth's Deep Interior (SEDI)</i>	University of California Department of Geology Davis, CA, 95616 USA	T: 1 530 754 6673 F: 1 530 752 0951 kellogg@geology.ucdavis.edu
KENNETT Prof. Brian L.N. <i>Advisory Committee, Union Commission on the</i> <i>Study of the Earth's Deep Interior (SEDI)</i> <i>Past President, IASPEI (1999-2003)</i> <i>Past Chair (2009-2012), National Committee</i> <i>Member, IUGG Liaison Group</i> <i>Nationally Accredited Delegate to the 25th</i> <i>Council of the Union, 2011</i>	The Australian National University Research School of Earth Sciences Canberra, ACT, 0200 AUSTRALIA	T: 61 2 6125 4621 F: 61 2 6257 2737 brian.kennett@anu.edu.au
KEPKO Larry <i>Chair, IAGA Division III</i>	NASA Goddard Space Flight Center Space Weather Laboratory, Code 674 Greenbelt, MD, 20771 USA	T: 1 301 286 2728 F: 1 301 286 9203 larry.kepko@nasa.gov
KERRIDGE Dr. David J. <i>Chair, IUGG Statutes and By-Laws Committee</i>	Director, Earth Hazards and Observatories British Geological Survey British Geological Survey Murchison House West Mains Road Edinburgh EH9 3LA UK	T: 44 131 6500 220 djk@bgs.ac.uk
KEŞAP Brigadier General Metin <i>Acting President, National Committee</i>	Ministry of National Defense General Command of Mapping 06100 Dikimevi Ankara TURKEY	T: 90 312 595 2003 F: 90 312 320 1495 metin.kesap@hgk.msb.gov.tr
KHAN Mr. Zia-ud-Din <i>IAVCEI National Correspondent</i>	Pakistan Meteorological Department Geophysical Centre Brewery Road Quetta PAKISTAN	T: 92 81 285 3032 F: 92 81 285 4218 metq@qta.paknet.com.pk

- KIM**
Dr. Cheol-Ho
IAPSO National Correspondent
- Korea Institute of Ocean Science & Technology
Ocean Circulation and Climate Research Division
787 Haeandro
Ansan 426-744
KOREA
- T: 82 31 400 6128
F: 82 31 408 5829
chkim@kiost.ac
- KIM**
Prof. Duk-Jin
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Seoul National University
School of Earth and Environmental Sciences
Seoul, 151-747
KOREA
- T: 82 2 880 6631
djkim@snu.ac.kr
- KIM**
Dr. Jeong Woo
IAG National Correspondent
- University of Calgary
Department of Geomatics Engineering
2500 University Drive NW
Calgary, AB, T2N1N4
CANADA
- T: 1 403 220 4858
F: 1 403 284 1980
jw.kim@ucalgary.ca
- KIM**
Prof. Kuh
Co-Chair SCOR/IAPSO WG 133: OceanScope
- Pohang University of Science and Technology
77 Cheongam-Ro. Nam-Gu
Pohang, Gyeongbuk
KOREA
- kuhkim@gmail.com
- KIND**
Prof. Dr. Rainer
*Vice-President, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- GFZ German Research Centre for Geosciences
Telegrafenberg
14473 Potsdam
GERMANY
- T: 49 331 288 1262
F: 49 331 288 1277
kind@gfz-potsdam.de
- KLEES**
Prof. Dr. Roland
Editor in Chief, IAG Journal of Geodesy
- Delft University of Technology
Faculty of Aerospace Engineering
Kluyverweg 1
2629 HS Delft
THE NETHERLANDS
- T: 31 15 278 5100
F: 31 15 278 2348
r.klees@lr.tudelft.nl
- KLENNER**
Prof. Laura Gallardo
*Vice-President, IAMAS ICACGP
Member, IUGG Gold Medal Committee*
- University of Chile
Department of Geophysics
Casilla 2077
Santiago
CHILE
- T: 56 2 978 4566
F: 56 2 696 8686
lgallard@dim.uchile.cl
laura@dgf.uchile.cl
- KLINSUKON**
Capt. Komsan
IAPSO National Correspondent
- Royal Thai Navy
Hydrographic Department
Oceanographic Division
Arun Amarin Road
Bangkok, 10600
THAILAND
- T: 66 2 475 2007
F: 66 2 173 6570
komklin@hotmail.com
- KLYMAK**
Dr. Jody
IAPSO National Correspondent
- University of Victoria
School of Earth Sciences and Ocean Sciences
P.O. Box 3055 STN CSC
Victoria, BC, V8W 3P6
CANADA
- T: 1 250 472 5969
F: 1 250 721 6200
jklymak@uvic.ca
- KNIZOVA**
Petra
Chair, IAGA Working Group II-C
- Institute of Atmospheric Physics
Bocni II
141 31 Prague 4
CZECH REPUBLIC
- T: 420 272 016 967
F: 420 272 763 745
pkn@ufa.cas.cz
- KNORRING**
Dr. Mary von
Lifetime Bureau Member, SCL/ILP
- Swedish Natural Sciences Research Council
N.F.R. Box 7142
10387 Stockholm
SWEDEN
- T: 46 8 454 42 44
F: 46 8 454 42 50
mary@nfr.se
- KOBOLD**
Dr. Mira
IAHS National Correspondent
- Environmental Agency of the Republic of
Slovenia
Hydrological Section
Vojkova 1b
SI- 1000 Ljubljana
SLOVENIA
- T: 386 1 478 4089
F: 386 1 478 4052
mira.kobold@gov.si
- KONO**
Prof. Masaru
*Past President, IUGG (1999-2003)
Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- Tokyo Institute of Technology
Global Edge Institute
Ookayama, Meguro-ku
Tokyo, 152-8551
JAPAN
- T: 81 3 3375 0525
F: 81 3 3375 0525
masarukono@gmail.com

- KORN**
Prof. Dr. Michael
*Chair, IASPEI Working Group on Seismic
Scattering and Heterogeneity*
- University of Leipzig
Institute of Geophysics and Geology
Talstr. 35
04103 Leipzig
GERMANY
- T: 49 341 9732 803
F: 49 341 9732 809
mikorn@uni-leipzig.de
- KORTATSI**
Dr. Benony K.
Member, National Committee
- IUGG-Ghana
Director, STI, Ministry of Science, Technology
and Innovation
P.O. Box M232
Accra
GHANA
- T: 233 244 946 806
F: 233 21 777 170
benonykortatsi@gmail.com
- KORTE**
Dr. Monika
Member, IAGA Executive Committee
- GFZ German Research Centre for Geosciences
Telegrafenberg
14473 Potsdam
GERMANY
- T: 49 331 288 1268
F: 49 331 288 1235
monika@gfz-potsdam.de
- KOSSOBOKOV**
Prof. Volodya
*Vice-Chair, Union Commission on Geophysical
Risk and Sustainability (GRC)*
- Russian Academy of Sciences (RAS)
International Institute of Earthquake Prediction
Theory and Mathematical Geophysics
84/32 Profsoyuznaya Street
117997 Moscow
RUSSIA
- T: 7 495 333 3401
F: 7 495 333 1255
volodya@mitp.ru
- KOSTRZEWSKI**
Prof. Dr. Andrzej
IACS National Correspondent
- Adam Mickiewicz University
Institute of Peleogeography & Geoecology
Dziegielowa St. 27
61-640 Poznan
POLAND
- T: 48 61 829 6174
F: 48 61 829 6271
anko@amu.edu.pl
- KOTLYAKOV**
Dr. Vladimir M.
*Vice-President, National Committee
IACS National Correspondent*
- Russian Academy of Sciences (RAS)
Institute of Geography
29 Staromonetny lane
119017 Moscow
RUSSIA
- T: 7 495 959 0032
F: 7 495 959 0033
igras@igras.geonet.ru
direct@igras.geonet.ru
- KOTZÉ**
Dr. Pieter
*Co-Chair, IAGA Division V; Co-Chair, IAGA
Inter-divisional Commission on Developing
Countries
IAGA National Correspondent*
- SA National Space Agency
P.O. Box 32
Hermanus, 7200
SOUTH AFRICA
- T: 27 28 312 1196
F: 27 28 312 2039
pkotze@sansa.org.za
- KOUTSOYIANNIS**
Demetris
*Editor, IAHS
Member, IUGG Gold Medal Committee*
- National Technical University of Athens
Department of Water Resources and
Environmental Engineering
School of Civil Engineering
Heroon Polytechniou 5
157 80 Zographou
GREECE
- T: 30 210 772 2831
F: 30 210 772 2832
dk@itia.ntua.gr
- KOZLOVSKAYA**
Dr. Elena
*Secretary, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- University of Oulu
Sodankylä Geophysical Observatory
POB 3000
90014 Oulu
FINLAND
- T: 358 8 553 1411
F: 358 8 553 1390
elena.kozlovskaya@oulu.fi
- KRALJ**
Dr. Polona
IAVCEI National Correspondent
- Geological Survey of Slovenia
Dimiceva 14
SI- 1000 Ljubljana
SLOVENIA
- T: 386 1 280 9746
F: 386 1 280 9753
polona.kralj@guest.arnes.si
- KRASNOPEROV**
Dr. Roman I.
Secretary, National Committee
- Russian Academy of Sciences (RAS)
Geophysical Center
3 Molodezhnaya st.
119296 Moscow
RUSSIA
- T: 7 495 930 0546
F: 7 495 930 0506
r.krasnoperov@gcras.ru
- KRISHNA SINGH**
Dr. Shri
IAVCEI National Correspondent
- Instituto de Geofisica, UNAM
Ciudad Universitaria, Circuito Exterior
Delegación Coyoacan
04510 Mexico, D.F.
MEXICO
- T: 52 55 5622 4134
F: 52 55 5550 2486
krishna@ollin.igeofcu.unam.mx

- KRISTEK**
Assoc. Prof. Jozef
Member, National Committee
- Comenius University
Department of Astronomy, Physics of the Earth
and Meteorology
Mlynská dolina F1
842 48 Bratislava
SLOVAK REPUBLIC
- T: 421 2 6029 5327
F: 421 2 6542 5982
Jozef.Kristek@fmph.uniba.sk
- KRISTEKOVA**
Mgr. Miriam
Member, National Committee
- Slovak Academy of Sciences
Geophysical Institute
Dúbravská cesta 9
845 28 Bratislava
SLOVAK REPUBLIC
- T: 421 2 5941 0610
F: 421 2 5941 0607
geofmikr@savba.sk
- KRISTIENSEN**
Dr. Oddgeir
IAG National Correspondent
- Geodetic Institute
Norwegian Mapping Authority
3507 Honefoss
NORWAY
- T: 47 3211 8299
F: 47 3211 8101
oddgeir.kristiansen@kartverket.no
- KRISTJÁNSSON**
Prof. Jón Egill
IAMAS National Correspondent
- University of Oslo
Department of Geosciences
P.O. Box 1022 Blindern
0315 Oslo
NORWAY
- T: 47 2285 5813
F: 47 2285 5269
j.e.kristjansson@geo.uio.no
- KRISTJÁNSSON**
Dr. Leó
IAGA National Correspondent
- University of Iceland
Science Institute
Askja
Sturlugata 7
101 Reykjavik
ICELAND
- T: 354 525 4794
F: 354 552 8911
leo@raunvis.hi.is
- KRYNSKI**
Prof. Dr. Jan
Member, IUGG Finance Committee
President, National Committee
IAG National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- Institute of Geodesy and Cartography
Modzelewskiego St. 27
02-679 Warsaw
POLAND
- T: 48 22 329 1904
F: 48 22 329 1950
krynski@igik.edu.pl
- KRZYSCIN**
Prof. Dr. Janusz
IAMAS National Correspondent
- Polish Academy of Sciences
Institute of Geophysics
Ksiecia Janusza St. 64
01-452 Warsaw
POLAND
- T: 48 22 691 5874
F: 48 22 691 5915
jkrzys@igf.edu.pl
- KUCZERA**
George
Vice-President, IAHS ICWQ
- University of Newcastle
Faculty of Engineering and Built Environment
Callaghan, NSW, 2308
AUSTRALIA
- T: 61 2 4921 6038
F: 61 2 4921 6991
George.Kuczera@newcastle.edu.au
- KUGLITSCH**
Dr. Franz G.
Executive Secretary, IUGG/Assistant Secretary
General, IUGG
Member, IUGG Ad-hoc group on Visioning
- GFZ German Research Centre for Geosciences
Telegrafenberg, A17
14473 Potsdam
GERMANY
- T: 49 331 288 1978
F: 49 331 288 1759
fgkugl@gfz-potsdam.de
- KUHAR**
Dr. Miran
Secretary General, National Committee
- University of Ljubljana
Faculty of Civil and Geodetic Engineering
Geodetic Department
Jamova 2
SI- 1000 Ljubljana
SLOVENIA
- T: 386 1 476 8500
F: 386 1 425 0704
miran.kuhar@fgg.uni-lj.si
- KUHN**
Prof. Michael
Past Secretary General, IAMAS (1987-1995)
- University of Innsbruck
Innrain 52
6020 Innsbruck
AUSTRIA
- T: 43 512 507 5451
F: 43 512 507 2924
michael.kuhn@uibk.ac.at
- KUK**
Mr. Vlado
IASPEI National Correspondent
- University of Zagreb
Faculty of Science
Andrija Mohorovicic Geophysical Institute
Horvatovac 95
10000 Zagreb
CROATIA
- T: 385 1 460 5912
F: 385 1 468 0331
kuk@irb.hr
- KUMAZAWA**
Dr. Mineo
Chair, IASPEI Task Group on Active Monitoring
- Nagoya University
Furocho, Chikusaku
Nagoya, 464-862
JAPAN
- T: 81 52 789 3026
F: 81 52 789 3013
mkumazama@eps.nagoya-u.ac.jp

KÜMPEL Prof. Dr. Hans-Joachim <i>Contact Person, Adhering Organization</i>	President Federal Institute for Geosciences and Natural Resources (BGR) Stilleweg 2 30655 Hanover GERMANY	T: 49 511 643 2101 F: 49 511 643 3676 kuempel@bgr.de
KUNDZEWICZ Prof. Dr. Zbigniew W. <i>Editor, IAHS IAHS National Correspondent</i>	Institute of Agricultural and Forest Environment Bukowska St. 19 60-809 Poznan POLAND	T: 48 61 847 5601 F: 48 61 847 3668 zkundze@man.poznan.pl
KUNSTMANN Dr. Harald <i>Vice-President, IAHS ICCLAS</i>	Karlsruhe Institute of Technology (KIT) Campus Alpine Institute for Meteorology and Climate Research (IMK-IFU) Kreuzackbahnstrasse 19 82467 Garmisch-Partenkirchen GERMANY	T: 49 8821 183 208 F: 49 8821 183 243 harald.kunstmann@kit.edu
KUPUSOVIC Mr.sc. Esena <i>IAHS National Correspondent</i>	Federal Hydrometeorological Institute Hydrology Sector Bardackije 12 71000 Sarajevo BOSNIA & HERZEGOVINA	T: 387 33 276 710 F: 387 33 276 701 ekupusovic@heis.com.ba
KURITA Prof. Kei <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of Tokyo Earthquake Research Institute Yayoi-Bunkyo-ku Tokyo, 113-0032 JAPAN	T: 81 3 5841 5757 F: 81 3 5802 3391 kurikuri@eri.u-tokyo.ac.jp
KUTALADZE Dr. Natalia <i>IAMAS National Correspondent</i>	Environmental National Centre D. Agmashenebeli av. 150 0112 Tbilisi GEORGIA	T: 995 32 439 528 F: 995 32 439 528 nshareidze@yahoo.com
KUTTERER Prof. Dr. Hansjörg <i>Chair, IAG Global Geodetic Observing System (GGOS)</i>	Federal Agency for Cartography and Geodesy (BKG) Richard-Strauss-Allee 11 60598 Frankfurt GERMANY	T: 49 69 633 3225 F: 49 69 633 3235 Hansjoerg.Kutterer@bkg.bund.de
KUUSISTO Dr. Esko <i>IAHS National Correspondent</i>	Finnish Environment Institute (SYKE) P.O. Box 140 00251 Helsinki FINLAND	T: 358 40 831 9165 F: 358 9 5490 2590 esko.kuusisto@ymparisto.fi
KUVSHINOV Dr. Alexey <i>IAGA National Correspondent</i>	ETH Zurich Institute of Geophysics Sonneggstrasse 5 NO H 11.1 8092 Zurich SWITZERLAND	T: 41 44 633 36 19 kuvshinov@erdw.ethz.ch
KUZNETSOV Dr. Vladimir <i>IUGG Liaison, SCOSTEP</i>	Russian Academy of Sciences (RAS) Pushkov Institute of Terrestrial Magnetism, Ionosphere and Radio Wave Propagation (IZMIRAN) 142190 Troitsk, Moscow reg. RUSSIA	T: 7 495 851 0120 F: 7 495 851 0124 kvd@izmiran.ru
KVAERNA Dr. Tormod <i>IASPEI National Correspondent</i>	NORSAR PO Box 51 2027 Kjeller NORWAY	T: 47 6380 5941 F: 47 6380 8719 tormod@norsar.no
KWON Prof. Sung-Tack <i>IAVCEI National Correspondent</i>	Yonsei University Department of Earth System Sciences 134 Shinchon-dong, Sudaemun-gu Seoul, 120-749 KOREA	T: 82 2 2123 2670 F: 82 2 392 6527 kwonst@yonsei.ac.kr
LABRECQUE John <i>Vice-Chair, Union Commission on Geophysical Risk and Sustainability (GRC)</i>	NASA Headquarters Earth Science Mission Directorate Earth Surface and Interior Focus Area Washington DC, 20546-0001 USA	T: 1 202 358 1373 john.labrecque@nasa.gov

- LACHLAN-COPE**
Dr. Tom
President, IAMAS ICPM
- British Antarctic Survey
High Cross
Madingley Road
Cambridge, CB3 0ET
UK
- T: 44 1223 221 484
F: 44 1223 221 279
tlc@bas.ac.uk
- LAGOS**
Dr. Pablo
IAMAS National Correspondent
- Instituto Geofísico del Perú
Calle Calatrava 216
Urb. Camino Real
La Molina
Lima 12
PERU
- T: 51 1 436 8437
F: 51 1 436 8437
plagos@geo.igp.gob.pe
plagose@gmail.com
- LANDICHO**
Engr. Milo M.
IAHS National Correspondent
- National Irrigation Administration
Project Development Department
Water Resources Utilization Division
NIA Building, EDSA
Diliman
1101 Quezon City
PHILIPPINES
- T: 63 2 928 2548
F: 63 2 922 2328
milo_lansicho@yahoo.com
- LANGEMATZ**
Prof. Ulrike
Vice-President, IAMAS ICMA
- Free University Berlin
Institute of Meteorology
Carl-Heinrich-Becker-Weg 6-10
12165 Berlin
GERMANY
- T: 49 30 8387 1165
F: 49 30 8387 1785
ulrike.langematz@met.fu-berlin.de
- LANGLAIS**
Dr. Benoit
IAGA National Correspondent
- Université de Nantes
Dept. de Planétologie et Géodynamique
2 rue de la Houssinière
44322 Nantes Cedex 3
FRANCE
- T: 33 2 5112 5497
F: 33 2 5112 5268
benoit.langlais@univ-nantes.fr
- LAPIDOT**
Mr. Bob
Contact Person, Adhering Organization
- Director International Division and Coordinator
of Humanities Section
Albert Einstein Square
43 Jabotinsky Street
P.O. Box 4040
Jerusalem, 91040
ISRAEL
- T: 972 2 567 6222
F: 972 2 566 6059
boblap@academy.ac.il
- LAPIN**
Prof. Milan
IAMAS National Correspondent
- Comenius University
Department of Astronomy, Physics of the Earth,
and Meteorology
Mlynska Dolina F1
842 48 Bratislava
SLOVAK REPUBLIC
- T: 421 2 6542 6820
F: 421 2 6542 5882
lapin@fmph.uniba.sk
- LAROCCA**
Prof. Dr. Ana Paula Camargo
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Universidade de São Paulo – USP
Escola Politécnica - Departamento de Engenharia
de Transportes
Av. Prof. Almeida Prado, Trav.2, no 83
Cidade Universitária - Caixa Postal 61548
São Paulo, SP, 05424-970
BRAZIL
- T: 55 11 3091 5448
F: 55 11 3091 5716
larocca.ana@usp.br
- LASKE**
Dr. Gabi
*Chair, IASPEI Working Group on Reference
Earth Models*
- University of California, San Diego
IGPP A-025, Scripps Institute
9500 Gilman Drive
La Jolla, CA, 92093-0225
USA
- T: 1 858 534 8774
F: 1 858 534 5332
glaske@ucsd.edu
- LASOCKI**
Prof. Dr. Stanislaw
*Chair, IASPEI Working Group on Triggered and
Induced Seismicity
IASPEI National Correspondent*
- Polish Academy of Sciences
Institute of Geophysics
Ksiecia Janusza St. 64
01-452 Warsaw
POLAND
- T: 48 784 420 666
F: 48 22 691 5915
lasocki@igf.edu.pl
- LASTOVICKA**
Dr. Jan
*Member, IUGG Fellow Selection Committee
Co-Chair, IAGA Working Group II-F
Vice-President, National Committee*
- Academy of Sciences of the Czech Republic
Institute of Atmospheric Physics
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 055
F: 420 272 762 528
jla@ufa.cas.cz

- LAY**
Prof. Thorne
Executive Committee Member, Union Member, IUGG Early Career Scientist Award Committee
Commission on the Study of the Earth's Deep Interior (SEDI)
2nd Vice-President, IASPEI
Co-Chair, IASPEI Commission on Earth Structure & Geodynamics
- University of California, Santa Cruz
Department of Earth and Planetary Sciences
Earth and Marine Sciences Building
Santa Cruz, CA, 95064
USA
- T: 1 831 459 3164
F: 1 831 459 3074
tlay@ucsc.edu
thorne@pmc.ucsc.edu
- LAZARRA**
Dr. Matthew
Secretary, IAMAS ICPM
- University of Wisconsin - Madison
Space Science and Engineering Center
Antarctic Meteorological Research Center
1225 West Dayton Street
Madison, WI, 53706
USA
- T: 1 608 262 0436
F: 1 608 263 6738
mattl@ssec.wisc.edu
- LECK**
Prof. Caroline
President, National Committee
IAMAS National Correspondent
- Stockholm University
Department of Meteorology
SE- 106 91 Stockholm
SWEDEN
- T: 46 8 164 354
F: 46 8 157 185
lina@misu.su.se
- LEE**
Dong-Hun
Chair, IAGA Working Group on ULF Waves
- Kyun Hee University
1 Hoegi-dong, Dongdaemun-gu
Seoul, 130-701
KOREA
- T: 82 31 201 2440
F: 82 31 204 2445
dhlee@khu.ac.kr
- LEE**
Prof. Hoonyol
Secretary General, National Committee
- Kangwon National University
Department of Geophysics
Hyoja-dong, Chuncheon
Kangwon-do, 200-701
KOREA
- T: 82 33 250 8587
F: 82 33 244 8580
hoonyol@kangwon.ac.kr
- LEE**
Prof. Jung Mo
IASPEI/ILC National Correspondent
- Kyongpook National University
Department of Geology
1370 Sankyuk-dong, Buk-gu
Daegu, 702-701
KOREA
- T: 82 53 950 5347
F: 82 53 950 5362
jung@knu.ac.kr
- LEE**
Prof. Kang-Kun
IAHS National Correspondent
- Seoul National University
School of Earth and Environmental Science
Silim-dong, Gwanak-gu
Seoul, 151-742
KOREA
- T: 82 2 880 8161
F: 82 2 888 8696
kklee@snu.ac.kr
- LEICHTER**
Barbara
IAGA National Correspondent
- Central Institute for Meteorology &
Geodynamics (ZAMG)
Hohe Warte 38
1190 Vienna
AUSTRIA
- T: 43 1 360 262 515
barbara.leichter@zamg.ac.at
- LENHARDT**
Prof. Dr. Wolfgang
President, National Committee
IASPEI National Correspondent
- Central Institute for Meteorology &
Geodynamics (ZAMG)
Hohe Warte 38
Postfach 342
1190 Vienna
AUSTRIA
- T: 43 1 360 262 501
F: 43 1 368 6621
wolfgang.lenhardt@zamg.ac.at
- LENK**
Dr. Col. Eng. Onur
Vice-President, National Committee
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Ministry of National Defense
General Command of Mapping
06100 Dikimevi/Cankaya, Ankara
TURKEY
- T: 90 312 595 2200
F: 90 312 320 1495
onur.lenk@hgk.msb.gov.tr
- LEONARD**
Graham
IAVCEI National Correspondent
Leader, IAVCEI Committee on Cities and Volcanoes
- GNS Science
P.O. Box 30-368
Lower Hutt
NEW ZEALAND
- T: 64 4 570 1444
F: 64 4 570 4600
g.leonard@gns.cri.nz
- LEPPÄRANTA**
Prof. Matti
IACS National Correspondent
- University of Helsinki
Department of Physics
POB 48
00014 Helsinki
FINLAND
- T: 358 9 1915 1016
T: 358 50 415 4752
F: 358 9 1914 8802
matti.lepparanta@helsinki.fi

- LEVIN**
Prof. Zev
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Tel Aviv University
Department of Geophysical, Atmospheric and Planetary Sciences
Tel Aviv, 69978
ISRAEL
- T: 972 3 640 8274
F: 972 3 640 9282
zevlev@post.tau.ac.il
- LI**
Dr. Prof. Jianping
Member, IUGG Honours & Recognition Committee
Vice-Chair, Union Commission on Climatic and Environmental Change (CCEC)
Secretary, IAMAS ICCL
Secretary General, National Committee
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Chinese Academy of Sciences (CAS)
LASG, Institute of Atmospheric Physics (IAP)
No. 40 Huayuanli, Beichenxilu
Chaoyang District
P.O. Box 9804
Beijing, 100029
CHINA
- T: 86 10 8299 5181
F: 86 10 8299 5172
ljp@lasg.iap.ac.cn
- LI**
Dr. Xing
Chair, IAGA Division IV
- Aberystwyth University
Institute of Mathematics and Physics
Penglais road
Aberystwyth, SY23 3BZ
UK
- T: 44 1970 621 542
F: 44 1970 622 826
xxl@aber.ac.uk
- LICHTENBERGER**
Janos
Co-Chair, IAGA/URSI Working Group: (VERSIM) VLF/ELF Remote Sensing of the Ionosphere and Magnetosphere
- Eotvos University
Space Research Group
Pf 32
1518 Budapest
HUNGARY
- T: 36 1 372 2934
F: 36 1 372 2927
lityi@sas.elte.hu
- LIMAYE**
Prof. Sanjay
President, IAMAS ICPAE
- University of Wisconsin - Madison
Office of Space Science Education
1225 West Dayton Street
Madison, WI, 53706
USA
- T: 1 608 262 9541
F: 1 608 262 5974
SanjayL@ssec.wisc.edu
- LIN**
Ms. Zheng (Jenny)
Assistant Secretary General, IAMAS
- Chinese Academy of Sciences (CAS)
Institute of Atmospheric Physics (IAP)
P.O. Box 9804
Beijing, 100029
CHINA
- T: 86 10 8299 5053
F: 86 10 8299 5053
jennylin@lasg.iap.ac.cn
- LINDSAY**
Dr. Jan
Co-Leader, IAVCEI Commission on Volcanic Hazards and Risk
- The University of Auckland
School of Environment
Private Bag 92019
Auckland
NEW ZEALAND
- T: 64 9 923 8678
j.lindsay@auckland.ac.nz
- LIST**
Prof. Roland
Past Secretary General, IAMAS (1995-2007)
- University of Toronto
Department of Physics
70, St. George Street
Toronto, ON, M5S 1A7
CANADA
- T: 1 416 978 2982
F: 1 416 978 8905
list@atmosph.physics.utoronto.ca
- LIU**
Prof. Chen-Wuing
IAHS National Correspondent
- National Taiwan University
Department of Agriculture and Engineering
1, Roosevelt Road, Sec. 4
Taipei, Taiwan, 106
CHINA-TAIPEI
- T: 886 2 2362 6480
F: 886 2 2363 9557
cwliu@ntu.edu.tw
- LIU**
Prof. Jann-Yenq
IAGA Liaison, IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes & Volcanoes (EMSEV)
- National Central University
Institute of Space Science
Chung-Li, Taiwan, 32001
CHINA-TAIPEI
- T: 886 3 422 8374
F: 886 3 422 4394
jyliu@jupiter.ss.ncu.edu.tw
- LIU**
Prof. Jiaqi
Member IUGG Committee on Membership Issues
- Chinese Academy of Sciences (CAS)
Institute of Geology and Geophysics
No. 19 Beitucheng West Raod, Chaoyang District
Beijing, 100029
CHINA
- F: 86 10 62010846
liujq@mail.igcas.ac.cn
- LIU**
Prof. Qingsong
Chair, IAGA Working Group I-4
- Chinese Academy of Sciences (CAS)
Institute of Geology and Geophysics
No. 19 Beitucheng West Raod, Chaoyang District
Beijing, 100029
CHINA
- T: 86 10 82998001
F: 86 10 62010846
liux0272@yahoo.com

- LIU**
Prof. Shaw-Chen
*President, National Committee
IAMAS National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Academia Sinica
Research Center for Environmental Changes
128 Academia Road Sec. 2, Nankang
Taipei, Taiwan, 11529
CHINA-TAIPEI
- T: 886 2 2783 9910 ext. 257
F: 886 2 2783 3584
shawliu@rcec.sinica.edu.tw
- LOIGU**
Prof. Dr. Enn
IAHS National Correspondent
- Tallinn Technical University
Institute of Environmental Technology
Ehitajate Road 5
19086 Tallinn
ESTONIA
- T: 372 620 2502
F: 372 620 2501
enn.loigu@ttu.ee
- LOPER**
Prof. David
*Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- Florida State University
Geophysical Fluid Dynamics Institute
Tallahassee, FL, 32306-3017
USA
- T: 1 850 644 6467
F: 1 850 644 8972
loper@gfdi.fsu.edu
- LOPEZ**
Prof. Epifanio D.
IAG National Correspondent
- University of the Philippines
Department of Geodetic Engineering
Diliman
1101 Quezon City
PHILIPPINES
- T: 63 2 920 8924
F: 63 2 920 8924
epifanio.lopez@up.edu.ph
- LOUIS**
Ing. Gén. Géog. Michel
Past Secretary General, IAG (1975-1991)
- 32 Avenue du Maréchal Lyautey
94100 Saint-Mur
FRANCE
- T: 33 1 4283 0451
- LU**
Dr. Prof. Daren
*Member at Large, IAMAS
IAMAS National Correspondent*
- Chinese Academy of Sciences (CAS)
LAGEO
Institute of Atmospheric Physics (IAP)
No. 40 Huayanli, Beichenxilu
Chaoyang District
P.O. Box 9804
Beijing, 100029
CHINA
- T: 86 10 8299 5064
F: 86 10 8299 5073
ludr@mail.iap.ac.cn
- LUBE**
Dr. Gert
*Leader, IAVCEI Commission on Volcanogenic
Sediments*
- Massey University
Institute of Natural Resources
Volcanic Risk Solutions
Private Bag 11 222
Palmerston North
NEW ZEALAND
- T: 64 6 356 9099 2890
g.lube@massey.ac.nz
- LUKIANOVA**
Dr. Renata
Chair, IAGA Working Group V-DAT
- Russian Federal Service for Hydrometeorology
and Environmental Monitoring
Department of Ocean-Atmosphere Interaction
Arctic and Antarctic Research Institute
38 Bering Street
199397 Saint Petersburg
RUSSIA
- T: 7 812 352 1911
F: 7 812 352 2688
renata@aari.nw.ru
- LUND**
Dr. Björn
Secretary, National Committee
- Uppsala University
Department of Earth Sciences, Geophysics
Villavägen 16
SE- 752 36 Uppsala
SWEDEN
- T: 46 18 471 2390
F: 46 18 501 110
bjorn.lund@geo.uu.se
- LUZUM**
Brian
*Chair of Directing Board, IAG International
Earth Rotation & Reference Systems Service
(IERS)*
- U.S. Naval Observatory
Earth Orientation Department
3450 Massachusetts Ave NW
Washington DC 20392 5420
USA
- T: 1 202 762 1444
F: 1 202 762 1563
brian.luzum@usno.navy.mil
- LYUBOVITSEVA**
Dr. Yulia S.
Vice-President, National Committee
- Russian Academy of Sciences (RAS)
Geophysical Center
3 Molodezhnaya st.
119296 Moscow
RUSSIA
- T: 7 495 930 0546
F: 7 495 930 0506
u.lyubovtseva@gcras.ru
- MABRES**
Dr. Antonio
IAHS National Correspondent
- Universidad de Piura
Av. Ramón Mugica 131
Urb. El Chipe
Piura
PERU
- T: 51 7 430 8800
F: 51 7 430 8800
mabres@udep.edu.pe

- MacCRACKEN**
Dr. Michael C.
Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC)
Past President, IAMAS (2003-2007)
IAMAS National Correspondent
- Chief Scientist for Climate Change Programs
Climate Institute
6308 Berkshire Drive
Bethesda, MD, 20814
USA
- T: 1 301 564 4255
F: 1 301 564 4255
mmaccrac@comcast.net
- MACEDO**
Orlando
IAVCEI National Correspondent
- Instituto Geofísico del Perú
Calle Calatrava 216
Urb. Camino Real
La Molina
Lima 12
PERU
- T: 51 1 437 0244
F: 51 1 437 0244
omacedo@geo.igp.gob.pe
- MACIAS**
Dr. José Luis
IASPEI National Correspondent
- Instituto de Geofísica, UNAM
Ciudad Universitaria
04510 Mexico, D.F.
MEXICO
- T: 52 55 5550 5215
F: 52 55 5550 2486
macias@geofisica.unam.mx
- MACKINTOSH**
Dr. Andrew
Secretary General, IACS
Member, IUGG Ad-hoc group on Visioning
- Victoria University of Wellington
School of Geography, Environment and Earth
Sciences and Antarctic Research Centre
PO Box 600
Wellington, 6140
NEW ZEALAND
- T: 64 4 463 6193
F: 64 4 463 5186
andrew.mackintosh@vuw.ac.nz
- MAJSTOROVIC**
Zeljko
IAMAS National Correspondent
- Federal Meteorological Institute B&H
Bardakcije 12
71000 Sarajevo
BOSNIA & HERZEGOVINA
- T: 387 61 553 438
F: 387 33 276 701
zmajstor.majstor@gmail.com
- MAKELA**
Dr. Jonathan J.
Co-Chair, IAGA Working Group II-E
- University of Illinois
Dept. of Electrical and Computer Engineering
316 Coordinated Science Lab MC 228
1308 W. Main St.
Urbana Illinois 61801
USA
- T: 1 217 265-9470
jmakela@illinois.edu
- MAKROPOULOS**
Prof. Konstantinos
IASPEI National Correspondent
- National Observatory of Athens
Institute of Geodynamics
118 10 Athens
GREECE
- T: 30 210 349 0181
F: 30 210 349 0181
kmacrop@geol.uoa.gr
- MALACIC**
Dr. Vlado
IAPSO National Correspondent
- National Institute of Biology
Marine Biological Station
Fornace 41
SI- 6330 Piran
SLOVENIA
- T: 386 5 671 2904
T: 386 5 671 2900
F: 386 5 671 2902
malacic@mbss.org
- MALOSZEWSKI**
Prof. Dr.-Ing. habil. Piotr
President, IAHS ICT
- Helmholtz Center Munich
Institute of Groundwater Ecology
85764 Neuherberg
GERMANY
- T: 49 89 3187 2583
F: 49 89 3187 3361
maloszewski@helmholtz-muenchen.de
- MAMMEDOV**
Prof. Dr. Ramiz
IAPSO National Correspondent
- Deputy Director
Institute of Geography, ANAS
Ave. H. Javid 31
AZ 1143 Baku
AZERBAIJAN
- T: 994 12 439 3541
F: 994 12 439 3541
ramiz.mamedov@geo.ab.az
- MANDEA**
Dr. Mioara
Secretary General, IAGA
Member, IUGG Ad-hoc group on Visioning
- Centre National d'Etudes Spatiales (CNES)
2, Place Maurice Quentin
75001 Paris
FRANCE
- T: 33 1 4476 7948
iaga_sg@gfz-potsdam.de
mioara111@gmail.com
- MANRÍQUEZ Tirado**
Dr. Hermann
Contact Person, Adhering Organization
- Instituto Geográfico Militar de Chile
Nueva Santa Isabel 1640
Santiago
CHILE
- T: 56 2 2410 9314
hmanriquez@igm.cl
- MANZANO Arellano**
Prof. Marisol
IAHS National Correspondent
- Universidad Politécnica de Cartagena
Escuela Universitaria de Ingeniería Civil
52 P de Alfonso XIII
30203 Cartagena
SPAIN
- marisol.manzano@upct.es

MAQUIL Mr. Robert <i>IAHS National Correspondent</i>	Administration des Ponts et Chaussées Service Géologique 23, rue du Chemin de Fer 8057 Bertrange LUXEMBOURG	T: 352 310 502 502 F: 352 310 502 514 robert.maquil@pch.etat.lu
MARCOS Eng. Severino <i>IASPEI National Correspondent</i>	Direcção Nacional de Geologia C.P. 217 Maputo MOZAMBIQUE	T: 258 82 312 8890 T: 258 82 447 4430 F: 258 429 216 chiabue@hotmail.com chiabue@yahoo.com.br
MARKS Dr. Danny <i>President, IAHS ICSIH IACS & IAHS National Correspondent</i>	USDA Agricultural Research Service Northwest Watershed Research Center 800 Park Blvd, Suite 105 Boise, ID, 83712-7716 USA	T: 1 208 422 0721 F: 1 208 334 1502 ars.danny@gmail.com
MARSH Dr. Daniel <i>President, IAMAS ICMA</i>	National Center of Atmospheric Research Atmospheric Chemistry Division P.O. Box 3000 Boulder, CO, 80307-3000 USA	T: 1 303 497 1160 F: 1 303 497 1400 marsh@ucar.edu
MARSON Prof. Dr. Iginio <i>Director of the Central Bureau, IAG International Gravity Field Service (IGFS)</i>	Istituto Nazionale di Oceanografia e di Geofisica Sperimentale Borgo Grotta Gigante 42/C 34010 Sgonico (TS) ITALY	T: 39 040 21401 F: 39 040 327 307 marson@ogs.trieste.it
MART Prof. Yossi <i>IASPO National Correspondent</i>	Haifa University Reconati Institute for Marine Studies Haifa, 31905 ISRAEL	T: 972 4 824 0356 F: 972 4 824 0493 y.mart@research.haifa.ac.il
MARTI Prof. Joan <i>Executive Committee Member, Member, IUGG Gold Medal Committee, Member, Union Commission on Geophysical Risk and Sustainability (GRC) Secretary General, IAVCEI</i>	Departamento de Geofísica y Geociencias Institute of Earth Sciences "Jaume Almera" CSIC Lluís Sole Sabaris s/n 08028 Barcelona SPAIN	T: 34 93 409 5410 T: 34 61 996 8845 F: 34 93 411 0012 joan.marti@ictja.csic.es j.marti@telefonica.net
MARTI Dr. Urs <i>President, IAG Commission 2: Gravity Field</i>	Swiss Federal Office of Topography swisstopo Seftigenstr. 264 3084 Wabern SWITZERLAND	T: 41 31 963 2378 F: 41 31 963 2459 Urs.Marti@swisstopo.ch
MARTIN DAVILA Dr. Jose <i>IASPEI National Correspondent</i>	Real Instituto y Observatorio de la Armada Cecilio Pujazon s/n 11110 San Fernando (Cadiz) SPAIN	T: 34 956 545 590 F: 34 956 599 366 mdavila@roa.es
MARTÍNEZ-DIAZ Eng. William <i>IAG National Correspondent</i>	Instituto Geográfico Agustín Codazzi - IGAC División de Geodesia Carrera 30 No. 48-51 Bogotá, D.C. COLOMBIA	T: 57 1 369 4011 F: 57 1 369 4105 wamartin@igac.gov.co
MAS-PLA Josep <i>Vice-President, IAHS ICT</i>	Universitat de Girona Ciències Campus Montivili 17071 Girona SPAIN	T: 34 972 41 8704 josep.mas@udg.edu
MASSON DELMOTTE Dr. Valérie <i>Head, IACS Division IV</i>	Laboratoire des Sciences du Climat et de l'Environnement (LSCE) Bat. 701 L'Orme des Merisiers 91191 Gif-sur-Yvette Cedex FRANCE	T: 33 1 6908 7715 F: 33 1 6908 7716 valerie.masson@cea.fr
MASTERS Prof. Guy <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	University of California, San Diego Institute of Geophysics & Planetary Physics MC A-025 La Jolla, CA, 92093-0225 USA	T: 1 858 534 4122 F: 1 858 534 8090 gmasters@ucsd.edu

- MATIAS**
Prof. Dr. Luis Manuel M.
IASPEI National Correspondent
- Universidade de Lisboa
Instituto Geofísico do Infante D. Luís
Rua da Escola Politécnica 58
1250-102 Lisbon
PORTUGAL
- T: 351 21 390 3311
F: 351 21 395 3327
lmatias@fc.ul.pt
- MATTHES**
Prof. Dr. Katja
Co-Chair, IAGA Working Group II-D
- Helmholtz Centre for Ocean Research Kiel
(GEOMAR)
Düstembrooker Weg 20
24105 Kiel
GERMANY
- T: 49 431 600 4054
kmatthes@geomar.de
- MATURANA Nadal**
Col. Rodrigo
*President, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Instituto Geografico Militar de Chile
Nueva Santa Isabel 1640
Santiago
CHILE
- T: 56 2 410 9301
F: 56 2 699 0554
rmaturana@igm.cl
- MATYSKA**
Assoc. Prof. Dr. Ctirad
Member, National Committee
- Charles University
Faculty of Mathematics & Physics
Department of Geophysics
V Holesvickach 2
180 00 Prague 8
CZECH REPUBLIC
- T: 420 221 912 538
F: 420 221 912 555
cm@karel.troja.mff.cuni.cz
- MAVONGA**
Dr. Tuluka
IAVCEI National Correspondent
- Observatoire Volcanologique de Goma (OVG)
12, Av. Rond Point
Goma, Nord Kivu
D.R. CONGO
- T: 243 99 858 4734
mavotulu@gmail.com
- MAXIMO**
Dr. Raymond Patrick R.
*Chair & IASPEI Representative, IASPEI/IAVCEI
Working Group on Subduction Zones Located in
Developing Countries*
- Philippine Institute of Volcanology and
Seismology (PHIVOLCS)
Department of Science and Technology (DOST)
C.P. Garcia Avenue, U.P. Campus
Diliman Quezon City 1101
PHILIPPINES
- T: 632 920 7058
T: 632 426 1468 148
raymond.maximo@gmail.com
- MAZRAEH EI FARAHANI**
Asst. Prof. Dr. Majid
IACS National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
mazraeh@ut.ac.ir
- MBAJIORGU**
Dr. C.C.
IAHS National Correspondent
- University of Nigeria
Dept. of Agriculture & Bioresources Engineering
Nsukka, Enugu State
NIGERIA
- T: 234 703 868 0071
const.c.mbajiorgu@talk21.com
- McBEAN**
Prof. Gordon
*Past Bureau Member, IUGG (1987-1995)
Advisory Board Member, Union Commission on
Geophysical Risk and Sustainability (GRC)*
- Western University
Departments of Geography and Political Science
Room 2431, Social Sciences Centre
London, ON, N6A 5C2
CANADA
- T: 1 519 661 2111 ext. 86036
F: 1 519 661 4274
gmcbear@uwo.ca
- McCARRON**
Dr. Stephen
IACS National Correspondent
- National University of Ireland
Department of Geography
Maynooth, Co. Kildare
IRELAND
- T: 353 1 708 6147
F: 353 1 708 3573
stephen.mccarron@nuim.ie
- McCAUSLAND**
Dr. Phil J.A.
IAGA National Correspondent
- University of Western Ontario
Department of Earth Sciences
1151 Richmond Str.
London, ON, N6A 5B7
CANADA
- T: 1 519 661 2111 ext.88008
F: 1 519 661 3198
pmccausl@uwo.ca
- McDOUGALL**
Prof. Trevor
Vice-Chair, IAPSO/SCOR/IAPWO JCS
- The School of Mathematics and Statistics
University of New South Wales
SYDNEY NSW 2052
AUSTRALIA
- trevor.mcdougall@unsw.edu.au
- McGARVIE**
Dr. Dave
*Co-Leader IAVCEI/IACS Commission on
Volcano-Ice Interaction*
- Dept. of Environment, Earth & Ecosystems
Open University
Edinburgh, EH3 7QJ
UK
- T: 44 131 549 7140
dave.mcgarvie@open.ac.uk

McKEEVER Prof. Dr. Patrick J. <i>Bureau Member, SCL/ILP</i>	Chief, Global Earth Observation Section Secretary IGCP EES/GEO Natural Sciences Sector/Bureau 5.08 UNESCO 1, Rue Miollis 75732 Paris Cedex 15 FRANCE	T: 33 1 4568 4117 F: 33 1 4568 5822 pj.mckeever@unesco.org
McNUTT Dr. Stephen <i>Past Secretary General, IAVCEI (1999-2007)</i>	University of Alaska, Fairbanks Alaska Volcano Observatory P.O. Box 757320 Fairbanks, AK, 99775-7320 USA	T: 1 907 474 7131 F: 1 907 474 5618 steve@giseis.alaska.edu smcnutt2@gi.alaska.edu
MEIER Prof. Thomas <i>Chair, IASPEI Commission on Seismological Observation and Interpretation (CoSOI)</i>	University of Kiel Institute of Geosciences Otto-Hahn-Platz 1 24118 Kiel GERMANY	T: 49 431 880 3881 meier@geophysik.uni-kiel.de
MEINEN Dr. Chris <i>Member, IAPSO Executive Committee</i>	NOAA/Atlantic Oceanographic and Meteorological Laboratory 4301 Rickenbacker Causeway Miami, FL, 33149 USA	T: 1 305 361 4355 F: 1 305 361 4412 Christopher.Meinen@noaa.gov
MENDOZA Dr. Blanca <i>IAGA National Correspondent</i>	Instituto Geofísico, UNAM Ciudad Universitaria 04510 Mexico, D.F. MEXICO	T: 52 55 5622 4384 F: 52 55 5550 2486 blancal@geofisica.unam.mx
MENVIELLE Prof. Michel <i>Secretary, National Committee Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	LATMOS Observatoire de Saint Maur 4 avenue de Neptune 94107 Saint-Maur-des-Fossés Cedex FRANCE	T: 33 1 4511 4234 F: 33 1 4889 4433 michel.menvielle@latmos.ipsl.fr
MESQUITA Afranio Rubens de <i>IAPSO National Correspondent</i>	Universidade de São Paulo Instituto Oceanográfico - IO Praça do Oceanográfico, 191 São Paulo, SP, 05508-900 BRAZIL	T: 55 11 3091 6564 T: 55 11 3091 6648 ardmesqu@usp.br
MICHLENZ Annekathrin <i>Chair, IAG Bibliographic Service (IBS)</i>	Federal Agency for Cartography and Geodesy (BKG) Branch Office Leipzig Karl-Rothe-Str. 10-14 04105 Leipzig GERMANY	T: 49 341 563 40 F: 49 341 563 4415 annekathrin.michlenz@bkg.bund.de
MIKLANEK Dr. Pavol <i>Member, National Committee</i>	Slovak Academy of Sciences Institute of Hydrology Racianska 75, P.O. Box 94 838 11 Bratislava SLOVAK REPUBLIC	T: 421 2 4425 9311 F: 421 2 4425 9404 ncihp@uh.savba.sk
MILLER Prof. Dr. Heinz <i>IACS National Correspondent</i>	Alfred Wegener Institute for Polar and Marine Research Am Alten Hafen 26 27568 Bremerhaven GERMANY	T: 49 471 4831 1210 F: 49 471 4831 1271 Heinrich.Miller@awi.de
MINAYA MSc Estela <i>Vice-President, National Committee IASPEI National Correspondent</i>	Director Observatorio San Calixto Calle Indaburo No. 944 La Paz BOLIVIA	F: 591 2 211 6723 eminaya@osc.bo osc@observatoriosancalixto.org
MIR Mr. Hazrat <i>IAMAS National Correspondent</i>	Pakistan Meteorological Department Drought Monitoring Center P.O. Box 1214, H-8/2 Islamabad PAKISTAN	T: 92 51 925 0359 F: 92 51 925 0368 pmd@paknet.com.pk hazratmir2007@yahoo.com
MIRANDA Dr. Jorge Miguel A. <i>IAGA National Correspondent</i>	Universidade de Lisboa Instituto Geofísico do Infante D. Luís Rua da Escola Politécnica 58 1250-102 Lisbon PORTUGAL	T: 351 21 392 1862 F: 351 21 395 3327 jmiranda@fc.ul.pt

- MIRZAEI**
Assoc. Prof. Dr. Noorbakhsh
IAVCEI National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
nmirzaii@ut.ac.ir
- MITCHUM**
Prof. Gary T.
President, IAPSO Commission on Mean Sea Level and Tides
- University of South Florida
College of Marine Science
140 Seventh Ave. South
Saint Petersburg, FL, 33701
USA
- T: 1 727 553 3941
F: 1 727 553 1189
mitchum@usf.edu
- MOCZO**
Prof. Peter
President, National Committee IASPEI National Correspondent
- Comenius University
Department of Astronomy, Physics of the Earth, and Meteorology
Mlynska dolina F1
842 48 Bratislava
SLOVAK REPUBLIC
- T: 421 2 6542 9025
F: 421 2 6542 5982
moczo@fmph.uniba.sk
- MOERWANTO**
Arie Setiadi
IAHS National Correspondent
- Research Institute for Water Resources
Jl. Juanda No. 193, PO Box 51
Bandung, 40135
INDONESIA
- T: 62 22 250 1533
T: 62 22 250 1544
F: 62 22 250 0163
smm.pusair@gmail.com
- MOHALFI**
Dr. Saad
IAMAS National Correspondent
- National Center of Meteorology and Environment
P.O.Box 1358
Jeddah, 21431
SAUDI ARABIA
- T: 966 2 653 6444
F: 966 2 657 2931
saadpme@yahoo.com
- MOHEBALHOJEH**
Assoc. Prof. Ali Reza
Secretary, National Committee
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
amoheb@ut.ac.ir
- MOJZES**
Assoc. Prof. Marcel
Member, National Committee
- Slovak University of Technology in Bratislava
Faculty of Civil Engineering
Department of Theoretical Geodesy
Radlinského 11
813 68 Bratislava
SLOVAK REPUBLIC
- T: 421 2 59274536
F: 421 2 52925476
marcel.mojzes@stuba.sk
- MOKHOV**
Dr. Igor I.
IAMAS National Correspondent
- Russian Academy of Sciences (RAS)
Obukhov Institute of Atmospheric Physics
Office 311
3 Pyzhevsky lane
119017 Moscow
RUSSIA
- T: 7 495 951 6453
F: 7 495 953 1652
mokhov@ifaran.ru
- MONFRET**
Dr. Tony
IASPEI National Correspondent
- Géosciences Azur
250 rue Albert Einstein
06560 Valbonne
FRANCE
- T: 33 4 9294 2652
F: 33 4 9294 2610
monfret@geoazur.unice.fr
- MONTANARI**
Dr. Alberto
President, IAHS ICSW Chair, IAHS Panta Rhei WG IAHN National Correspondent
- University of Bologna
Dipartimento di Ingegneria Civile, Ambientale e dei Materiali
Viale Risorgimento 2
40136 Bologna
ITALY
- T: 39 051 209 3356
F: 39 051 209 3140
alberto.montanari@unibo.it
- MONTOYA-GAVIRIA**
Gerardo de Jesús
IAMAS National Correspondent
- Universidad Nacional de Colombia
Departamento de Geociencias
Ciudad Universitaria
Bogotá, D.C.
COLOMBIA
- T: 57 1 316 5000 ext. 16552
F: 57 1 316 5390
gemonga@gmail.com
- MOON**
Prof. Wooil M.
President, National Committee Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Seoul National University
Research Institute of Oceanography
School of Earth and Environmental Sciences (SEES)
Silim-dong, Gwanak-gu
Seoul, 151-742
KOREA
- T: 82 2 880 6512
F: 82 2 887 8821
wmoon@snu.ac.kr
wmoon@cc.umanitoba.ca

MOONEY Dr. Walter D. <i>Chair, IASPEI Task Group on Seismic Imaging of the Lithosphere</i>	US Geological Survey Mail Stop 977 345 Middlefield Road Menlo Park, CA, 94025 USA	T: 1 650 329 4764 F: 1 650 329 5163 mooney@usgs.gov
MORAN Mr. Eoin <i>IAMAS National Correspondent</i>	Head of Instruments Met Eireann Glasnevin Hill Dublin 9 IRELAND	T: 353 1 806 4259 Eoin.Moran@met.ie
MORITZ Prof. Helmut <i>Past President, IUGG (1991-1995)</i> <i>Past President, IAG (1979-1983)</i>	Graz University of Technology Institute of Navigation Steyrergasse 30 8010 Graz AUSTRIA	T: 43 316 873 6350 F: 43 316 873 6356 helmut.moritz@tugraz.at
MOROZOV Dr. Andrey F. <i>Bureau Member, SCL/ILP</i>	Dept. Director Ministry of Natural Resources of RF B. Gruzinskaya 4 123812 Moscow RUSSIA	T: 7 095 254 6701 F: 7 095 943 0013
MOROZOV Dr. Evgeny G. <i>IUGG Liaison, SCOR</i> <i>President, IAPSO</i> <i>IAPSO National Correspondent</i>	Russian Academy of Sciences (RAS) Shirshov Institute of Oceanology 36 Nakhimovsky ave 117997 Moscow RUSSIA	T: 7 499 129 1945 F: 7 499 124 5983 egmorozov@mail.ru
MOSHI Mr. Mvula F. <i>IAGA National Correspondent</i>	Centre de Recherche en Géophysique (CRG) B.P. 10336 Kinshasa D.R. CONGO	T: 243 81 178 1881 fremoshi@yahoo.fr
MOSQUITO Dr. Domingos Patricio <i>IAMAS National Correspondent</i>	Instituto Nacional de Meteorologia C.P. 256 Maputo MOZAMBIQUE	T: 258 21 490 064 T: 258 82 692 3210 F: 258 21 491 150 domingos_p@inam.gov.mz
MOTHES Patricia <i>Member, IAVCEI Executive Committee</i>	National Polytechnic School Geophysics Department Volcanology Unit Ladron de Guevara E11 253. Quito ECUADOR	F: 593 2 2567847 patricia.mothes@epn.edu.ec
MOUFTI Prof. Mohammed Rashad Hassan <i>IAVCEI National Correspondent</i>	King Abdulaziz University (KAU) P.O. Box 80206 Jeddah, 21589 SAUDI ARABIA	T: 966 2 695 2325 ext. 52325 F: 966 2 695 2095 mmoufti@kau.edu.sa
MOYA Dr. Jorge <i>IAG National Correspondent</i>	Head of Centro Nacional de Procesamiento de Datos GNSS (CNPDG) Universidad Nacional Escuela de Topografía, Catastro y Geodesia Apartado 86-3000 Heredia COSTA RICA	T: 506 2277-3335 jmoya@una.ac.cr
MUÇO Prof. Dr. Betim <i>IASPEI National Correspondent</i>	Academy of Sciences of Albania Institute of Seismology Rruga Don Bosko Tirana ALBANIA	F: 355 4 22 82 74 betmuco@gmail.com
MUELLER Prof. Ivan I. <i>Past President, IAG (1987-1991)</i>	The Ohio State University 4361 Shire Creek Court Hilliard, OH, 43026 USA	T: 1 614 876 7820 F: 1 614 292 2957 mueller@mps.ohio-state.edu
MUJUI Salomão <i>IAVCEI National Correspondent</i>	Direcção Nacional de Geologia C.P. 217 Maputo MOZAMBIQUE	T: 258 21 312 082 T: 258 82 886 4370 F: 258 21 429 216 semujui@gmail.com

- MULAHUSIC**
Ass. Prof. Dr. sc. Admir
Secretary General, National Committee
- University of Sarajevo
Faculty of Civil Engineering
Department of Geodesy
S. Tomica br. I/III
71000 Sarajevo
BOSNIA & HERZEGOVINA
- T: 387 61 212 672
F: 387 33 200 158
admir_mulahusic@gf.unsa.ba
amulahusic@yahoo.com
- MULIC**
Dr. Medzida
Vice-President, National Committee
IAG National Correspondent
- University of Sarajevo
Faculty of Civil Engineering
Department of Geodesy
S. Tomica br. I/III
71000 Sarajevo
BOSNIA & HERZEGOVINA
- T: 387 33 278 444
T: 387 61 201 151
F: 387 33 200 158
medzida_mulic@gf.unsa.ba
medzida_mulic@yahoo.com
- MÜLLER**
Prof. Dr.-Ing. Jürgen
President, National Committee
IAG National Correspondent
- Leibniz University of Hanover
Institute of Geodesy
Schneiderberg 50
30167 Hanover
GERMANY
- T: 49 511 762 3362
F: 49 511 762 4006
mueller@ife.uni-hannover.de
- MUSLIM**
Dr. Buldan
IAGA National Correspondent
- The Space Science Center
National Institute of Aeronautic and Space
(LAPAN)
Jl. Dr. Djundjuna 133
Bandung, 40173
INDONESIA
- T: 62 22 601 4998
F: 62 22 601 4998
mbuldan@yahoo.co.id
- MUSSON**
Dr. Roger M. W.
IASPEI Representative, IUGG Working Group on History
- British Geological Survey
Murchinson House
West Mains Road
Edinburgh, EH9 3LA
UK
- T: 44 131 6500 205
R.Musson@bgs.ac.uk
- MUSTAQI**
Dr. Vangjel
IAMAS National Correspondent
- Director
Department of Meteorology
Institute of Hydrometeorology
Tirana
ALBANIA
- T: 355 4 222 439
T: 355 69 238 7060
mustaqi@hotmail.com
- MYERS**
Dr. Steve C.
Chair, IASPEI Working Group on Utilization of Global 3-D Models for Seismic Observatory Applications
- Lawrence Livermore National Laboratory
P.O. Box 808, L-205
Livermore, CA, 94550-0808
USA
- T: 1 925 423 4988
F: 1 925 423 4077
smyers@llnl.gov
- MYSAK**
Dr. Lawrence
Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC), Member, IUGG Gold Medal Committee, Past President, IAPSO
- McGill University
Department of Atmospheric and Oceanic Sciences
805 Sherbrooke St. W.
Montreal, QC, H3A 0B9
CANADA
- T: 1 514 398 3768
F: 1 514 398 6115
lawrence.mysak@mcgill.ca
- NAGABHUSHANAM**
Dr. N.
IAVCEI National Correspondent
- S.V. University
Department of Geography
Tirupati, 517 502
INDIA
- T: 91 9849 076 144 (mobile)
nmbgeo@yahoo.com
- NAGAO**
Dr. Toshiyasu
Secretary, IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes & Volcanoes (EMSEV)
- Tokai University
Earthquake Prediction Research Center
3-20-1 Orido, Shimizu-ku
Shizuoka, 424-0902
JAPAN
- T: 81 543 340 411
F: 81 543 360 920
nagao@scc.u-tokai.ac.jp
- NAKADA**
Prof. Setsuya
Chair, IUGG Site Comparison Committee
Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC), Past President, IAVCEI Secretary, National Committee
IAVCEI National Correspondent
- University of Tokyo
Earthquake Research Institute
Yayoi, Bunkyo-ku
Tokyo, 113-0032
JAPAN
- T: 81 3 5841 5695
F: 81 3 3812 6979
nakada@eri.u-tokyo.ac.jp
- NAKAMURA**
Prof. Hisashi
Secretary, National Committee
IAMAS National Correspondent
- University of Tokyo
Research Center for Advanced Science and Technology
4-6-1 Komaba, Meguro-ku
Tokyo, 153-8904
JAPAN
- T: 81 3 5452 5145
F: 81 3 5452 5148
hisashi@atmos.rcast.u-tokyo.ac.jp

NARANJO José Antonio <i>IAVCEI National Correspondent</i>	Servicio Nacional de Geología y Minería Av. Santa María 0150 Santiago CHILE	T: 56 2 24822500 F: 56 2 2737 2026 F: 56 2 2777 1906 jnaranjo@sernageomin.cl
NAVON Prof. Oded <i>Past President, IAVCEI (2003-2007)</i> <i>IAVCEI National Correspondent</i>	The Hebrew University Institute of Earth Sciences Jerusalem, 91904 ISRAEL	T: 972 2 658 5549 T: 972 2 658 6513 F: 972 2 566 2581 Oded.Navon@huji.ac.il
NAVRATIL Dr. Gerhard <i>Member, IUGG Capacity Building & Education Committee</i>	Vienna University of Technology Institute for Geoinformation and Cartography Gusshausstr. 27-29 1040 Vienna AUSTRIA	T: 43 1 588 011 2712 F: 43 1 588 011 2799 Navratil@geoinfo.tuwien.ac.at
NAZARETYAN Prof. Sergey <i>Secretary, National Committee</i>	Northern Department of National Survey for Seismic Protection of RA 5a V. Sargsyan Str. Gyumri, 3115 Republic of ARMENIA	T: 374 10 284 612 F: 374 31 231 580 snaznssp@mail.ru
NEALE Prof. Christopher <i>President, IAHS ICRS</i>	Utah State University Department of Biological and Irrigation Engineering Logan, UT, 84322-4105 USA	T: 1 435 770 0297 F: 1 435 797 1248 cneale@cc.usu.edu
NEGENDANK Prof. Dr. Jörg <i>Past Secretary General, SCL/ILP</i>	GFZ German Research Centre for Geosciences Telegrafenberg 14473 Potsdam GERMANY	T: 49 331 288 1331 F: 49 331 288 1302 secretariat-ILP@gfz-potsdam.de
NEILAN Mrs. Ruth E. <i>Member, Union Commission on Data and Information (UCDI)</i> <i>IUGG Representative, ICSU World Data System (WDS)</i> <i>Service Representative, IAG Executive Committee</i> <i>Director of Central Bureau, IAG International GNSS Service (IGS); Vice-Chair, IAG Global Geodetic Observing System (GOOS)</i>	Jet Propulsion Laboratory 4800 Oak Grove Drive MS 238-540 Pasadena, CA, 91109 USA	T: 1 818 354 8330 F: 1 818 393 6686 ruth.e.neilan@jpl.nasa.gov Ruth.Neilan@jpl.nasa.gov
NEJEDLIK Dr. Pavol <i>Member, National Committee</i>	Slovak Hydrometeorological Institute Jeséniova 17 833 15 Bratislava SLOVAK REPUBLIC	T: 421 2 5941 5324 F: 421 2 5477 1058 Pavol.Nejedlik@shmu.sk
NEMETH Dr. Karoly <i>Member, IAVCEI Executive Committee</i> <i>Coordinator, IAVCEI Commission on Monogenetic Volcanism</i>	Massey University College of Sciences Institute of Natural Resources P.O. Box 11 222 Palmerston North NEW ZEALAND	T: 64 6 356 9099 7389 T: 64 27 479 1484 F: 64 6 350 5632 k.nemeth@massey.ac.nz
NEUBERG Prof. Jurgen <i>Chair and IAVCEI Representative,</i> <i>IAVCEI/IASPEI Commission on Volcano Seismology</i>	The University of Leeds School of Earth and Environment Institute of Geophysics & Tectonics Leeds. LS2 9JT UK	T: 44 113 34 36769 j.neuberg@leeds.ac.uk
NEUNER Prof. Dr. Johann <i>IAG National Correspondent</i>	Technical University of Civil Engineering Bdul Lacul Tei, nr. 124 020396 Bucharest ROMANIA	T: 40 21 243 3621 F: 40 21 242 0793 neuner@geodezie.utcb.ro
NEWITT Larry <i>Chair, IAGA Inter-Divisional Working Group on Education and Outreach</i>	310-1149 Ambleside Dr. Ottawa, ON, K2B 8E1 CANADA	T: 1 613 829 7262 lnewitt@sympatico.ca lnewitt@nrcan.gc.ca
NG Mrs. D. Lan <i>Secretary General, National Committee</i>	Department of Environment 2 nd Floor, Ken Lee Tower Line Barracks Street Port Louis MAURITIUS	T: 230 212 6080 F: 230 212 6671 dirdoe@mail.gov.mu

- NHATSAVE**
Mr. Armindo Alberto
IAGA National Correspondent
- Tec. Prof. dos Minerais
Direcção Nacional de Geologia
C.P. 217
Maputo
MOZAMBIQUE
- T: 258 21 312 082
T: 258 82 826 1790
F: 258 21 429 216
armindo.nhatsave@gmail.com
- NILO**
Dr. Prisco D.
IAMAS National Correspondent
- Philippine Atmospheric, Geophysical &
Astronomical Services Administration
(PAGASA)
Science Garden Complex
Agham Road
Diliman
1101 Quezon City
PHILIPPINES
- T: 63 2 434 8975
T: 63 2 928 7731
F: 63 2 434 5886
F: 63 2 928 7731
pdnilo@hotmail.com
- NILSSON**
Assoc. Prof. Hans
IAGA National Correspondent
- The Swedish Institute of Space Physics
P.O. Box 812
SE- 981 28 Kiruna
SWEDEN
- T: 46 980 791 27
F: 46 980 790 50
hans.nilsson@irf.se
- NINIOS**
Col. Christos
Vice-President, National Committee
- Hellenic Military Geographical Service (HMGS)
Evelpidon 4
113 62 Athens
GREECE
- T: 30 210 820 6610
F: 30 210 820 6700
geoarmy@otenet.gr
- NISHIMURA**
Prof. Kouichi
IACS National Correspondent
- Nagoya University
Graduate School of Environmental Studies
Furo-cho, Chikusa-ku
Nagoya, 464-8601
JAPAN
- T: 81 52 789 3480
knishi@nagoya-u.jp
- NISHIMURA**
Dr. Yuichi
*IAVCEI Representative, IAPSO/IASPEI/IAVCEI
Joint Tsunami Commission*
- Hokkaido University
Institute of Seismology and Volcanology
N-10, W-8, Kita-ku
Sapporo, 060-0180
JAPAN
- T: 81 11 706 4675
F: 81 11 706 4675
yuns@mail.sci.hokudai.ac.jp
- NOLL**
Ms. Carey
*Secretary, IAG International Laser Ranging
Service (ILRS)*
- NASA GSFC
Crustal Dynamics Data Information System
(CDDIS)
Code 690.5
Greenbelt, MD, 20771
USA
- T: 1 301 614 6542
F: 1 301 614 6099
carey.noll@nasa.gov
- NORABUENA**
M.Sc. Edmundo
IAG National Correspondent
- Instituto Geofísico del Perú
Calle Calatrava 216
Urb. Camino Real
La Molina
Lima 12
PERU
- T: 51 1 436 8437
F: 51 1 436 8437
enorab@geo.igp.gob.pe
- NOSE**
Dr. Masahito
Co-Chair, IAGA Working Group V-DAT
- Kyoto University
Data Analysis Center for Geomagnetism and
Space Magnetism
Graduate School of Science, Bldg #4
Oiwake-cho, Kitashirakawa, Sakyo-ku
Kyoto, 606-8502
JAPAN
- F: 81 75 722 7884
nose@kugi.kyoto-u.ac.jp
- NOTHNAGEL**
Dr. Axel
*Chair of Directing Board of IAG International
Service for Geodesy and Astrometry (IVS)*
- Institute of Geodesy and Geoinformation
University of Bonn
Nussallee 17
53115 Bonn
GERMANY
- T: 49 228 733574
F: 49 228 732988
nothnagel@uni-bonn.de
- NOVAK**
Pavel
*Vice-President, IAG Inter-Commission Committee
on Theory (ICCT)*
- Research Institute of Geodesy
Geodetic Observatory Pecny
251 65 Ondrejov 244
CZECH REPUBLIC
- T: 420 2048 5235
F: 420 2048 5236
novak@asu.cas.cz
- NURÇE**
Eng. Msc. Bilbil
IAG National Correspondent
- Polytechnic University of Tirana
Civil Engineering Faculty
Department of Geodesy
Street "Muhamet Gjollështa" Nr. 54
Tirana
ALBANIA
- T: 355 4 227 1417
F: 355 4 222 9045
bnurce@gmail.com

NURLU Dr. Murat <i>Vice-President, IASPEI European Seismological Commission (ESC)</i> <i>IASPEI National Correspondent</i>	Head of Earthquake Department Prime Ministry Disaster and Emergency Management Presidency of Turkey Dumlupinar Blv. 159 06800 Cankaya, Ankara TURKEY	T: 90 312 287 8939 F: 90 312 287 9370 murat.nurlu@afad.gov.tr
NURSIMHULU Ms. Reena Gopal <i>IAPSO National Correspondent</i>	Mauritius Oceanography Institute France Centre Victoria Avenue Quatre Bornes MAURITIUS	T: 230 427 4434 F: 230 427 4433 rgnursimhulu@moi.intnet.mu
NÜTZMANN Gunnar <i>Secretary, IAHS ICGW</i>	Leibniz-Institute of Freshwater Ecology and Inland Fisheries Department of Ecohydrology Berlin GERMANY	T: 49 30 6418 1661 nuetzmann@igb-berlin.de
OBERHÄNSLI Prof. Dr. Roland <i>IUGS Representative, SCL/ILP</i>	University of Potsdam Institute of Earth and Environmental Science Karl-Liebknecht-Str. 24-25 14476 Potsdam GERMANY	T: 49 331 977 5808 F: 49 331 977 5700 roob@geo.uni-potsdam.de
O'BRIEN Ms. Meaghan <i>Contact Person, Adhering Organization</i>	Australian Academy of Science GPO Box 783 Canberra, ACT, 2601 AUSTRALIA	T: 61 2 6201 9456 F: 61 2 6201 9494 meaghan.obrien@science.org.au fasas@science.org.au
OCOLA Dr. L.C. <i>IASPEI, IAVCEI National Correspondent</i>	Inst. Geofisico del Peru Sector Educacion Apartado 3747 100 Lima PERU	ocolalc@geo.igp.gob.pe
O'DOWD Prof. Colin <i>Co-Chair, IAMAS ICCP-CNAA</i>	National University of Ireland, Galway Department of Physics & Environmental Change Institute University Road Galway IRELAND	T: 353 91 493 306 F: 353 91 494 584 colin.odowd@cmas.demon.co.uk
OGAWA Dr. Yasuo <i>Co-Chair, IAGA Division I</i>	Tokyo Institute of Technology Volcanic Fluid Research Center, H84 2-12-1 O-okayama, Meguro-ku Tokyo, 152-8551 JAPAN	T: 81 2 5734 2639 F: 81 2 5734 2492 oga@ksvo.titech.ac.jp
OHBA Prof. Takeshi <i>Secretary, IAVCEI Commission on Volcanic Lakes</i>	Tokai University Department of Chemistry School of Science 4-1-1 Kitakaname, Hiratsuka-shi Kanagawa 259-1292 JAPAN	F: 81 463 50 2094 takeshi_ohba@tokai-u.jp
OHRNBERGER Dr. Matthias <i>Co-Chair, IASPEI Commission on Education and Outreach</i>	University of Potsdam Institute of Earth and Environmental Science Postfach 60 15 53 14415 Potsdam GERMANY	T: 49 331 977 5785 F: 49 331 977 5700 mao@geo.uni-potsdam.de
OJINNAKA Prof. Oliver C. <i>IAPSO National Correspondent</i>	University of Nigeria Faculty of Environmental Sciences Department of Geoinformatics and Surveying Enugu Campus Enugu NIGERIA	T: 234 42 452681 F: 234 8055640174 oliverojinnaka@yahoo.co.uk
OKEKE Prof. Francis I. <i>IAG National Correspondent</i>	University of Nigeria Faculty of Environmental Sciences Department of Geoinformatics and Surveying Enugu Campus Enugu NIGERIA	T: 234 803 562 7286 francisokeke@yahoo.com

- OKUBO**
Prof. Shuhei
Chair, National Committee
- University of Tokyo
Earthquake Research Institute
Yayoi, Bunkyo-ku
Tokyo, 113-0032
JAPAN
- T: 81 3 5841 8274
F: 81 3 5841 5729
okubo@eri.u-tokyo.ac.jp
- OLAFSSON**
Prof. Dr. Jon
IAPSO National Correspondent
- Marine Research Institute and University of
Iceland
Skulagata 4
101 Reykjavik
ICELAND
- T: 354 552 0240
F: 354 562 3790
Jon@hafro.is
- OLORODE**
Dr. Deborah O.
IGA National Correspondent
- University of Lagos
Department of Physics
Lagos
NIGERIA
- T: 234 803 321 3699
T: 234 1 794 1539
seunolorode@yahoo.com
- OLSEN**
Prof. Nils
IGA National Correspondent
- National Space Institute, DTU
Elektrovej, Building 327, room 218
2800 Kongens Lyngby
DENMARK
- T: 45 4525 9708
F: 45 4525 9575
nio@space.dtu.dk
- ONSTAD**
Dr. Charles A.
Treasurer, IAHS
- 18241 County Rd 1
Morris, MN, 56267
USA
- T: 1 320 795 2767
caonstad@aol.com
- ORBI**
Dr. Abdellatif
IAPSO National Correspondent
- Institut National de Recherche Halieutique
(INRH)
2, Rue de Tiznit
20000 Casablanca
MOROCCO
- T: 212 522 298 534
orbi@inrh.org.ma
- O'REILLY**
Prof. Sue
Chair, National Committee
- Macaquarie University
Department of Earth and Planetary Sciences
Sydney, NSW, 2109
AUSTRALIA
- T: 61 2 9850 8362
F: 61 2 9850 8943
sue.oreilly@mq.edu.au
- ORLIC**
Prof. Dr. Mirko
President, National Committee
IAPSO National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- University of Zagreb
Faculty of Sciences
Andrija Mohorovicic Geophysical Institute
Horvatovac 95
10000 Zagreb
CROATIA
- T: 385 1 460 5930
F: 385 1 468 0331
orlic@irb.hr
- ORTÍZ**
Dr. Ramón
IAVCEI National Correspondent
- Museo Nacional de Ciencias Naturales
Dpto. de Volcanología
José Gutiérrez Abascal, 2
28006 Madrid
SPAIN
- T: 34 91 411 1328
F: 34 91 564 4740
ramon@mncn.csic.es
- OSAE**
Dr. Shiloh Dedeh
Treasurer, National Committee
IAVCEI National Correspondent
- IUGG-Ghana
National Nuclear Research Institute
Department of Chemistry
Ghana Atomic Energy Commission
P.O. Box LG80
Legon-Accra
GHANA
- T: 233 24 347 2164
T: 233 20 891 6668
dedehosae@fastmail.fm
- OSEMEIKHIAN**
Prof. John E.A.
IAVCEI National Correspondent
- Edo State University
Department of Physics
Ekpoma, Edo State
NIGERIA
- T: 234 803 406 8639
johnosemeikhian@yahoo.com
- OSKOOI**
Asst. Prof. Behrooz
IGA National Correspondent
- University of Tehran
Institute of Geophysics
P.O. Box 14155-6466
Tehran
IRAN
- T: 98 21 8802 1072
T: 98 21 8802 1077
F: 98 21 8800 9560
boskooi@ut.ac.ir
- OTH**
Dr. Adrien
IASPEI National Correspondent
- European Center for Geodynamics and
Seismology (ECGS)
19, rue Josy Welter
7256 Walferdange
LUXEMBOURG
- T: 352 33 148 735
F: 352 33 148 788
adrien.oth@ecgs.lu

- OUAZAR**
Mr. Driss
IAHS National Correspondent
- Ecole Mohammadia d'Ingenieurs
Avenue Ibn Sina
BP 765
Agdal Rabat
MOROCCO
- T: 212 61 18 93 53
F: 212 37 77 88 53
ouazar@emi.ac.ma
- ÖZDEMİR**
Lt. Engineer Soner
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- General Command of Mapping
Geodesy Department
06100 Dikimevi/Cankaya, Ankara
TURKEY
- T: 90 312 595 2352
F: 90 312 595 1495
soner.ozdemir@hgk.msb.gov.tr
- PACHECO**
Dr. Javier
IAVCEI National Correspondent
- National University (OVSICORI-UNA)
Costa Rica Volcanological and Seismological
Observatory
Apartado postal: 2346-3000
Heredia
COSTA RICA
- T: 506 2562 4012
javier.pacheco.alvarado@una.cr
- PAIL**
Prof. Dr. Roland
IAG National Correspondent
- Technical University of Munich
Institute for Astronomical and Physical Geodesy
Arcisstr. 21
80333 Munich
GERMANY
- T: 49 89 289 231 90
F: 49 89 289 231 78
pail@bv.tum.de
- PALAZOV**
Prof. Dr. Atanas
IAPSO National Correspondent
- Bulgarian Academy of Sciences
Institute of Oceanology
First May Str., 40, P.O. Box 152
9000 Varna
BULGARIA
- T: 359 52 370 485
F: 359 52 370 483
palazov@io-bas.bg
- PALENQUE**
Dr. Eduardo
IAMAS National Correspondent
- Campus Universitario
Facultad de Ciencias Puras y Naturales
Instituto de Investigaciones Fisicas
Calle 27, Cota Cota
La Paz
BOLIVIA
- T: 591 2 279 2622
palenque@o3-bolivia.org
- PALSHIN**
Nikolay
Co-Chair, IAGA Working Group I-2
- Russian Academy of Sciences (RAS)
Shirshov Institute of Oceanology
36 Nakhimov Av.
117997 Moscow
RUSSIA
- Palshin@ocean.ru
Nikolay.Palshin@gmail.com
- PAN**
Dr. Yongxin
*Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
- Institute of Geology & Geophysics
Chinese Academy of Sciences
19 Beituchengxi Road
Beijing 100029
CHINA
- T: 86 10 2998406
F: 86 10 6201 0846
yxpan@mail.iggcas.ac.cn
- PANCHEVA**
Prof. D.Sc. Dora
*Chair, IAGA Division II
President, National Committee
IAGA National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Bulgarian Academy of Sciences
National Institute of Geophysics, Geodesy and
Geography (NIGGG)
Acad. G. Bonchev Str., Block 3
1113 Sofia
BULGARIA
- T: 359 2 979 3308
F: 359 2 971 3005
dpancheva@geophys.bas.bg
- PANG**
Zhonghe
Vice-President, IAHS ICT
- Chinese Academy of Sciences (CAS)
Institute of Geology & Geophysics
19 Beitucheng Western Road
Chaoyang District
Beijing, 100029
CHINA
- T: 86 10 8299 8613
F: 86 10 6201 0846
z.pang@mail.iggcas.ac.cn
- PANIN**
Prof. Dr. Nicolae
IAPSO National Correspondent
- National Institute of Marine Geology &
Geoecology - GeoEcoMar
23-25 Dimitrie Onciu Street
024053 Bucharest
ROMANIA
- T: 40 21 252 2594
F: 40 21 252 2594
panin@geoecomar.ro
- PANZA**
Prof. Giuliano
*President, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Università degli Studi
Dipartimento di Matematica e Geoscienze
Via Weiss 2
34127 Trieste
ITALY
- T: 39 040 558 2117
F: 39 040 558 2111
panza@units.it

- PAPALEXIOU**
Simon-Michael
Vice-President, IAHS ICSH
- National Technical University of Athens
Department of Water Resources and
Environmental Engineering
School of Civil Engineering
Heroon Polytechniou 5
157 80 Athens
GREECE
- T: 30 210 772 2838
smp@itia.ntua.gr
- PARK**
Dr. Pil-Ho
IAG National Correspondent
- Korea Astronomy & Space Science Institute
61-1, Hwaam-dong, Yuseong-gu
Daejeon, 305-348
KOREA
- T: 82 42 865 3232
F: 82 42 861 5610
phpark@kasi.re.kr
- PAROLAI**
Dr. Stefano
*Assistant Secretary, IASPEI European
Seismological Commission (ESC)*
- GFZ German Research Centre for Geosciences
Helmholtzstraße 7
14467 Potsdam
GERMANY
- T: 49 331 288 1290
F: 49 331 288 1204
parolai@gfz-potsdam.de
- PARSONS**
Mark A.
*Member, Union Commission on Data and
Information (UCDI)*
- Research Data Alliance /U.S. Rensselaer
Polytechnic Institute
Troy, NY, 12180
USA
- T: 1 518 276 2829
parson3@rpi.edu
- PASQUERO**
Prof. Claudia
*Vice-Chair, Union Commission on Mathematical
Geophysics (CMG)*
- Università degli Studi di Milano-Bicocca
Dip. di Scienze Geologiche e Geotecnologiche
Piazza della Scienza 4
20126 Milan
ITALY
- T: 39 02 6448 2055
F: 39 02 6448 2073
claudia.pasquero@unimib.it
- PATHACK**
Dr. Beenay
IAMAS National Correspondent
- Mauritius Meteorological Services
St Paul Road
Vacoas
MAURITIUS
- T: 230 783 1463 (mobile)
T: 230 696 0058
bpathack@yahoo.com
- PAVLOVSKA**
BSc. Vesna
IAMAS National Correspondent
- Hydrometeorological Service of the Republic of
Macedonia
Department of Meteorology
Skupi bb
1000 Skopje
F.Y.R. MACEDONIA
- T: 389 2 309 7004
F: 389 2 309 7118
vpavlovska@meteo.gov.mk
- Pawlowicz
Prof. Rich
Chair, IAPSO/SCOR/IAPWO JCS
- University of British Columbia
Dept. of Earth, Ocean and Atmospheric Sciences
6339 Stores Rd.
Vancouver, B.C. V6T 1Z4
CANADA
- rpawlowicz@eos.ubc.ca
- PEARLMAN**
Dr. Michael R.
*Director of Central Bureau, IAG International
Laser Ranging Service (ILRS)*
- Harvard-Smithsonian Center for Astrophysics
60 Garden Street
Cambridge, MA, 02138
USA
- T: 1 617 495 7481
F: 1 617 495 7105
mpearlman@cfa.harvard.edu
- PEASE**
Prof. Dr. Victoria L.
Bureau Member, SCL/ILP
- Stockholm University
Department of Geology & Geochemistry
PetroTectonics Centre
SE - 106 91 Stockholm
SWEDEN
- T: 46 8 674 7321
F: 46 8 674 7897
vicky.pease@geo.su.se
- PEDATELLA**
Nick
Co-Chair, IAGA Working Group II-D
- University of Colorado
Department of Aerospace Engineering Sciences
429 UCB
Boulder, CO, 80309
USA
- T: 1 814 360 7739
F: 1 303 492 7881
nicholas.pedatella@colorado.edu
- PELINOVSKY**
Prof. Efim
*IAPSO Representative, IAPSO/IASPEI/IAVCEI
Joint Tsunami Commission*
- Russian Academy of Sciences (RAS)
Institute of Applied Physics
46 Uljanov Street
603950 Nizhny Novgorod
RUSSIA
- T: 7 8312 164 839
F: 7 8312 365 976
Pelinovsky@hydro.appl.sci-nnov.ru
enpeli@mail.ru
- PELTIER**
Prof. Dick
*EC Member, Union Commission on Mathematical
Geophysics (CMG) - IAMAS Representative*
- University of Toronto
Department of Physics
60 St. George Street
Toronto, ON, M5S 1A7
CANADA
- T: 1 416 978 2938
F: 1 416 978 8905
peltier@atmosph.physics.utoronto.ca

- PENNER**
Prof. Joyce E.
Vice-President, IAMAS
Chair, IUGG Fellow Selection Committee
- University of Michigan
Department of Atmospheric, Oceanic, and Space
Sciences (AOSS)
2455 Hayward Street
Ann Arbor, MI, 48109-2143
USA
- T: 1 734 936 0519
F: 1 734 764 5030
penner@umich.edu
- PERRY**
Dr. Claire
IASPEI National Correspondent
- Université de Québec à Montréal
GEOTOP
CP 888 Succ. Centre-Ville
Montreal, QC, H3C 3P8
CANADA
- T: 1 514 987 3000
F: 1 514 987 3635
perry.claire@uqam.ca
- PETROSYAN**
Dr. Hrachya
President, National Committee
- National Survey for Seismic Protection
Ministry of Emergency Situations
Davidashden-Massiv 4
109/8 A. Mikoyan str.
Yerevan, 0054
Republic of ARMENIA
- T: 374 10 317 739
F: 374 10 363 449
president@nssp-gov.am
- PETROVSKY**
Dr. Eduard
Vice-President, IAGA
Chair, IAGA Commission on Education and
Outreach
Member, National Committee
- Academy of Sciences of the Czech Republic
Institute of Geophysics
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 333
F: 420 267 761 549
edp@ig.cas.cz
- PFEFFER**
Prof. Tad
IACS National Correspondent
- University of Colorado at Boulder
INSTAAR and Department of Civil,
Environmental, Architectural Engineering
INSTAAR CB-450
Boulder, CO, 80309-0450
USA
- T: 1 303 492 3480
Tad.Pfeffer@Colorado.edu
- PIERRARD**
Prof. Viviane
Adjunct Secretary, National Committee
- Institut d'Aéronomie Spatiale de Belgique
3 avenue Circulaire
1180 Brussels
BELGIUM
- T: 32 2 373 0365
F: 32 2 374 8423
viviane.pierrard@aeronomie.be
- PILEWSKIE**
Dr. Peter
Secretary, IAMAS IRC
- Laboratory for Atmospheric and Space Physics
(LASP)
University of Colorado
Boulder, CO 80303-7814
USA
- T: 1 303 735 5589
F: 1 303 492 6444
peter.pilewskie@lasp.colorado.edu
- PILLAY**
Mrs. Masela
Secretary, National Committee; Contact Person,
Adhering Organization
- National Research Foundation (NRF)
SA ICSU Secretariat
P.O. Box 2600
Pretoria, 0001
SOUTH AFRICA
- T: 27 12 481 4093
F: 27 12 481 4007
F: 27 12 349 1179
masela@nrf.ac.za
- PIÑÓN**
Agrim. Diego Alejandro
Assistant Secretary General, National Committee
- Instituto Geográfico Nacional
Av. Cabildo 381
1426 Buenos Aires
ARGENTINA
- T: 54 11 4576 5576
dpinon@ign.gob.ar
- PISKOZUB**
Prof. Dr. Jacek
IAPSO National Correspondent
- Polish Academy of Sciences
Institute of Oceanology
Powstancow Warszawy St. 55
81-712 Sopot
POLAND
- T: 48 58 731 1802
F: 48 58 551 2130
piskozub@iopan.gda.pl
- PITTARI**
Dr. Adrian
Coordinator, IAVCEI Commission on
Monogenetic Volcanism
- The University of Waikato
Department of Earth and Ocean Sciences
The School of Science and Engineering
Private Bag 3105
Hamilton, 3240
NEW ZEALAND
- T: 64 7 838 4466 ext. 8252
apittari@waikato.ac.nz
- PIZARRO**
Dr. Luis
IAPSO National Correspondent
- Instituto del Mar del Perú (IMARPE)
Esq. Gamarra y Gral Valle s/n
Chucuito
Callao
PERU
- T: 51 1 429 3931
F: 51 1 429 0873
lpizarro@imarpe.gob.pe

- PLANK**
Prof. Terry
IAVCEI National Correspondent
- Columbia University
Department of Earth and Environmental Science
Lamont Doherty Earth Observatory
PO Box 1000, 61 Rte. 9W
Palisades, NY, 10964
USA
- T: 1 845 365 8410
F: 1 845 365 8155
tplank@ldeo.columbia.edu
- PLENEFISCH**
Dr. Thomas
Secretary, National Committee
- Federal Institute for Geosciences and Natural
Resources (BGR)
Stilleweg 2
30655 Hanover
GERMANY
- T: 49 511 643 3869
F: 49 511 643 3663
Thomas.Plenefisch@bgr.de
- PLOMEROVA**
Dr. Jaroslava
IASPEI National Correspondent
- Academy of Sciences of the Czech Republic
Institute of Geophysics
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 391
F: 420 272 761 549
jpl@ig.cas.cz
- POCHAT**
Ing. Víctor
IAHS National Correspondent
- Facultad de Ingeniería y Ciencias Hídricas La
Pampa 2086
Ciudad Autónoma de Buenos Aires
ARGENTINA
- T: 54 11 4783-5933
F: 54 11 4812-2814
vpochatm@yahoo.com.ar
cnihsar@yahoo.com.ar
- POMEROY**
Prof. John
Past President, IAHS ICSIH
- University of Saskatchewan
Department of Geography
Centre for Hydrology
Rm 42 Kirk Hall
117 Science Place
Saskatoon, SK, S7N 5C8
CANADA
- T: 1 306 966 1426
T: 1 306 966 1427
F: 1 306 966 1428
john.pomero@usask.ca
- POPOV**
Prof. Yuri A.
*Chair & IASPEI Representative, IASPEI/IAVCEI/
IAPSO International Heat Flow Commission
(IHFC)*
- Moscow State Geological Prospecting University
Miklukho-Maklay str. 13, 39-1-191
Moscow, 117997
RUSSIA
- T: 7 495 438 0827
F: 7 495 438 0827
yupopov@dol.ru
- POPOVSKA**
Prof. Dr. Cvetanka
*President, National Committee
IAHS National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Ss Cyril and Methodius University
Faculty of Civil Engineering
Department of Hydraulics, Hydrology & River
Engineering
Blvd. Partizanski odredi 24, PO Box 560
1000 Skopje
F.Y.R. MACEDONIA
- T: 389 2 311 6066 ext. 209
F: 389 2 311 8834
popovska@gf.ukim.edu.mk
- PORTO**
Paolo
Secretary, IAHS ICCE
- University Mediterranea of Reggio Calabria
Faculty of Agriculture
Department of Agro-Forestry and Environmental
Sciences and Technologies
Feo di Vito
89122 Reggio Calabria
ITALY
- T: 39 0965 801 402
F: 39 0965 801 402
paolo.porto@inirc.it
- POST**
Dr. Piia
IAMAS National Correspondent
- University of Tartu
Institute of Physics
Ülikooli 18
50090 Tartu
ESTONIA
- T: 372 7 375 552
F: 372 7 375 556
piia.post@ut.ee
- POUTANEN**
Prof. Markku
IAG National Correspondent
- Finnish Geodetic Institute
Geodeetinrinne 2
02430 Masala
FINLAND
- T: 358 9 2955 50
T: 358 9 2955 5216
T: 358 40 718 2152
F: 358 9 2955 5200
markku.poutanen@fgi.fi
- PRATA**
Dr. Fred
Chair, IAVCEI Commission on Remote Sensing
- Norwegian Institute for Air Research (NILU)
PO box 100
2027 Kjeller
NORWAY
- T: 47 63 89 81 56
fpr@nilu.no
- PREMVUTI**
Mr. Karoon
IAHS National Correspondent
- Hydrologist, Senior Professional Level
Director, Hydrological Research and Department
Division
Ministry of National Resources and Environment
Department of Water Resources
Bureau of Research, Development and Hydrology
180/3 Rama 6 Road, Soi Pibul Wattana
Bangkok, 10400
THAILAND
- T: 66 2 271 6000 6829
F: 66 2 298 6613
p.karoon@gmail.com

PRETEL Dr. Jan <i>Member, National Committee</i>	Czech Hydrometeorological Institute Na Sabatce 17 143 06 Prague 4 CZECH REPUBLIC	T: 420 244 032 414 F: 420 244 032 415 pretel@chmi.cz
PRIBICEVIC Prof. Bosko <i>Vice-President, National Committee</i> <i>IAG National Correspondent</i>	University of Zagreb Faculty of Geodesy Kacicева 26 10000 Zagreb CROATIA	T: 385 1 463 9342 bpribic@geof.hr
PRICE Prof. Colin <i>Chair, National Committee</i> <i>IAMAS National Correspondent</i> <i>Member at Large, IAMAS</i>	Tel Aviv University Department of Geophysical, Atmospheric and Planetary Sciences Ramat-Aviv Tel Aviv, 69978 ISRAEL	T: 972 3 640 6029 F: 972 3 640 9282 cprice@flash.tau.ac.il
PROMTHONG Col. Chaiwat <i>Secretary, National Committee</i> <i>Nationally Accredited Delegate to the 25th</i> <i>Council of the Union, 2011</i>	Director Ministry of Defence Royal Thai Armed Forces Headquarters Royal Thai Survey Department Geodesy and Geophysics Division Kalayanamaitri Road, Phranakhon Bangkok, 10200 THAILAND	T: 66 2 221 2884 F: 66 2 222 3045 ptchaiwat@gmail.com
PROTTI Dr. Marino <i>President, National Committee; Contact Person,</i> <i>Adhering Organization</i> <i>IASPEI National Correspondent</i> <i>Nationally Accredited Delegate to the 25th</i> <i>Council of the Union, 2011</i>	National University (OVSICORI-UNA) Costa Rica Volcanological and Seismological Observatory Apartado postal: 1718-3000 Heredia COSTA RICA	T: 506 2562 4001 jprotti@una.ac.cr marino.protti@gmail.com
PURUCKER Michael E. <i>IAGA National Correspondent</i>	NASA Goddard Space Flight Center Mail Code 698 Greenbelt, MD, 20771 USA	T: 1 301 614 6473 F: 1 301 614 6522 michael.e.purucker@nasa.gov
QIN Dr. Prof. Dahe <i>Vice-President, National Committee</i> <i>IACS National Correspondent</i>	China Meteorological Administration (CMA) No. 46, Zhongguancun Nandajie Haidian District Beijing, 100081 CHINA	T: 86 10 6840 0019 F: 86 10 6217 4239 qdh@cma.gov.cn
QUADFASEL Prof. Dr. Detlef <i>IAPSO National Correspondent</i>	University of Hamburg Institute of Oceanography Bundesstrasse 53 20146 Hamburg GERMANY	T: 49 40 428 385 756 F: 49 40 428 384 644 detlef.quadfasel@zmaw.de
QUE Prof. Dr. Bui Cong <i>IAPSO National Correspondent</i>	Institute of Geophysics VAST Nha A8-18, Hoang Quoc Viet-Cau Giay Hanoi VIETNAM	T: 84 4 3756 7305 F: 84 4 3756 1647 bcque@hn.vnn.vn
QUEMBO Mr. José Luis <i>IAG National Correspondent</i>	Centro Nacional de Cartografia e Teledeteccção (CENACARTA) Caixa Postal 83 Maputo MOZAMBIQUE	T: 258 21 300 486 T: 258 82 321 0630 F: 258 21 321 959 jlquembo@gmail.com
QUINTON Dr. William L. <i>IAHS National Correspondent</i>	Wilfrid Laurier University Cold Regions Research Centre 75 University Avenue, West Waterloo, ON, N2L 3C5 CANADA	T: 1 519 884 0710 ext. 3281 F: 1 519 884 7670 wquinton@wlu.ca
RADULIAN Dr. Mircea <i>IASPEI National Correspondent</i>	National Institute of Earth Physics 12, Calugareni Street, P.O. Box MG-2 077125 Bucharest-Magurele, Ilfov ROMANIA	T: 40 21 493 0118 F: 40 21 493 0052 mircea@infp.ro
RAFIQUE Mr. Muhammed <i>IAVCEI National Correspondent</i>	Pakistan Meteorological Department Regional Meteorological Centre Khyber Road Peshawar, 25000 PAKISTAN	T: 92 91 921 0190 F: 92 91 921 0223 rafiq-quetta@yahoo.com

- RAKOVEC**
Prof. Dr. Joze
President, National Committee
IAMAS National Correspondent
- University of Ljubljana
Faculty of Mathematics and Physics
Chair for Meteorology
Jadranska 19
SI- 1000 Ljubljana
SLOVENIA
- T: 386 1 265 061
F: 386 1 217 281
joze.rakovec@fmf.uni-lj.si
- RAMIREZ**
Dr. Edson
IAHS National Correspondent
- Universidad Mayor de San Andres
Instituto de Hidraulica e Hidrologia
Calle 30 Cota Cota
Campus Universitario
CP 699
La Paz
BOLIVIA
- T: 591 2279 5724
eramirez@accelerate.com
- RÄMÖ**
Prof. Dr. Tapani
IAVCEI National Correspondent
- University of Helsinki
Department of Geosciences and Geography
P.O. Box 64
00014 Helsinki
FINLAND
- T: 358 9 1915 0810
F: 358 9 1915 0826
tapani.ramo@helsinki.fi
- RAMOS**
Dr. Emmanuel G.
IGA National Correspondent
- Manila Observatory
Ateneo de Manila University Campus
Loyola Heights
1108 Quezon City
PHILIPPINES
- T: 63 2 426 5921
F: 63 2 929 8366
eramos@observatory.ph
- RAMOS**
Agrim. Rubén Carlos
Secretary General, National Committee
- Instituto Geográfico Nacional
Av. Cabildo 381
1426 Buenos Aires
ARGENTINA
- T: 54 11 4576 5576 int. 196
F: 54 11 4576 5567
F: 54 22 4576 5529
rubencarlosramos@yahoo.com.ar
rramos@ign.gob.ar
- RAMOS Sainz**
Dr. Miguel
IACS National Correspondent
- Universidad de Alcalá
Departamento de Física
Campus Externo
28871 Alcalá de Henares (Madrid)
SPAIN
- T: 34 91 8854917
miguel.ramos@uah.es
- RASMUSSEN**
Lektor Kaare Lund
Contact Person, Adhering Organization
- University of Southern Denmark
Department of Physics, Chemistry and Pharmacy
Campusvej 55
5230 Odense M
DENMARK
- T: 45 6550 2580
klr@sdu.dk
- RAUBER**
Prof. Robert
Vice-President, IAMAS ICCP
- University of Illinois
Department of Atmospheric Sciences
105 S. Gregory St.
Urbana, IL, 61821
USA
- T: 1 217 333 2835
F: 1 217 244 4393
r-rauber@illinois.edu
- REGUZZONI**
Dr. Mirko
President, IAG International Geoid Service
(IGeS)
- Politecnico di Milano
IGeS at DIAR
P.za Leonardo da Vinci, 32
20133 Milano
ITALY
- T: 39 02 23996527
F: 39 02 23996530
iges@polimi.it
- REID**
Josie
Contact Person, Adhering Organization
- Coordinator - International Contracts
Royal Society of New Zealand
P.O.Box 598
Wellington 6140
NEW ZEALAND
- T: 64 4 470 5780
F: 64 4 473 1841
Josie.Reid@royalsociety.org.nz
www.royalsociety.org.nz
- REN**
Prof. Lilang
Vice-President, IAHS
- Hohai University
Department of Hydrology and Water Resources
College of Water Resources and Environment
No. 1 Xikang Road
Nanjing, 210098
CHINA
- T: 86 25 8378 6622
F: 86 25 8378 7364
RLL@hhu.edu.cn
- RHOADES**
Dr. David
Member, IUGG Finance Committee
Co-Chair, IASPEI Working Group on Earthquake
Predictability
Chair, National Committee
IASPEI National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- GNS Science
P.O. Box 30-368
Lower Hutt, 5040
NEW ZEALAND
- T: 64 4 570 4680
F: 64 4 570 4600
d.rhoades@gns.cri.nz

- RICHARDSON**
Dr. John
Co-Chair, IAGA Division IV
- Massachusetts Institute of Technology
Kavli Institute for Astrophysics & Space
Research
MIT 37-655
Cambridge, MA, 02139
USA
- T: 1 617 253 6112
F: 1 617 253 0861
jdr@space.mit.edu
- RICHTER**
Dr. Bernd
Member, Union Commission on Data and Information (UCDI)
- Federal Agency for Cartography and Geodesy
(BKG)
Richard-Strauss-Allee 11
60598 Frankfurt
GERMANY
- T: 49 69 633 3273
F: 49 69 633 3425
richter@iers.org
- RICKARDS**
Dr. Lesley J.
Director, IAG Permanent Service for Mean Sea Level (PSMSL)
Director, IAPSO Permanent Service for Mean Sea Level
- Proudman Oceanographic Laboratory
Joseph Proudman Building
6 Brownlow Street
Liverpool, L3 5DA
UK
- T: 44 151 795 4897
F: 44 151 795 4801
ljr@bodc.ac.uk
- RIDGWAY**
M.App.Sc. Ken
Member, IAPSO Executive Committee
- Principal Research Scientist
CSIRO Marine and Atmospheric Research
P.O. Box 1538
Hobart, TAS, 7001
AUSTRALIA
- T: 61 3 6232 5526
ken.ridgway@csiro.au
- RIDOUT**
Mr. Paul S.
Director, IAPSO Standard Seawater Service
- Managing Director
Ocean Scientific International Ltd.
South Down House
Station Road
Petersfield, Hampshire, GU32 3ET
UK
- T: 44 1730 265 015
F: 44 1730 265 011
paul.ridout@oceanscientific.co.uk
- RIETBROCK**
Prof. Andreas
IASPEI National Correspondent
- University of Liverpool
Department of Earth & Ocean Sciences
Liverpool, L69 3GP
UK
- T: 44 151 794 5181
a.rietbrock@liverpool.ac.uk
- RISSO**
Dra. Corina
Executive Vice-President, National Committee IAVCEI National Correspondent
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Universidad de Buenos Aires
Facultad de Ciencias Exactas y Naturales
Departamento de Geología
Ciudad Universitaria
Pabellon 2
1428 Buenos Aires
ARGENTINA
- T: 54 11 4576 3329
F: 54 11 4781 8213
corinarisso@fibertel.com.ar
corina@gl.fcen.uba.ar
cniavcei@gl.fcen.uba.ar
- RIVAS Reveco**
Maj. Lautaro
IAG National Correspondent
- Subdirección de Ingeniería
Instituto Geográfico Militar de Chile
Nueva Santa Isabel 1640
Santiago
CHILE
- T: 56 2 2410 9321
F: 56 2 2699 0554
lrivas@igm.cl
- RIVERA**
Dr. Andrés
IACS Liaison, IAVCEI/IACS Commission on Volcano-Ice Interaction
Vice-President, IACS
- Centro de Estudios Científicos
Arturo Prat 514
Valdivia
CHILE
- T: 56 63 234 543
F: 56 63 234 517
arivera@cecs.cl
- RIVERA**
Marco
IAVCEI National Correspondent
- Instituto Geológico, Minero y Metalúrgico
(INGEMMET)
Av. Canada 1470
San Borja
Lima 41
PERU
- F: 51 1 2254540
mrivera@ingemmet.gob.pe
- RIZOS**
Prof. Chris
President, IAG
IAG National Correspondent
Chair, IUGG Ad-hoc group on Visioning
- University of New South Wales
School of Civil & Environmental Engineering
Sydney, NSW, 2052
AUSTRALIA
- T: 61 2 9385 4205
F: 61 2 9385 6139
c.rizos@unsw.edu.au
- RIZZOLI**
Prof. Paola
Member, IUGG Nominating Committee
- Massachusetts Institute of Technology
Dept. of Earth, Atmospheric and Planetary
Sciences
77 Massachusetts Avenue
Cambridge, Massachusetts 02139
USA
- T: 1 617 253-2451
F: 1 617 253-4464
rizzoli@ocean.mit.edu

- ROBERTS**
Prof. Roland
IASPEI National Correspondent
- Uppsala University
Department of Earth Sciences, Geophysics
Villavägen 16
SE- 752 36 Uppsala
SWEDEN
- T: 46 18 471 2384
F: 46 18 501 110
roland.roberts@geo.uu.se
- RODGER**
Assoc. Prof. Craig J.
IAGA National Correspondent
- University of Otago
Department of Physics
P.O. Box 56
Dunedin, 9016
NEW ZEALAND
- T: 64 3 479 4120
F: 64 3 479 0964
crodger@physics.otago.ac.nz
- RODHE**
Prof. emer. Johan
Secretary General, IAPSO
- University of Gothenburg
Department of Earth Sciences
Box 460
SE- 405 30 Gothenburg
SWEDEN
- T: 46 31 786 2876
F: 46 31 786 2849
johan.rodhe@gu.se
- ROLSTAD DENBY**
Prof. Dr. Cecilie
Head, IACS Division II
- The Norwegian University of Life Sciences
(UMB)
Dept. of Mathematical Sciences and Technology
Post box 5003
1432 Ås
NORWAY
- T: 47 6496 5473
F: 47 6496 5401
cecilie.rolstad@umb.no
- ROMAN**
Dr. Raymond
IAPSO National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- University of Cape Town
Private Bag
Rondebosch, 7701
SOUTH AFRICA
- T: 27 21 650 5369
F: 27 21 650 3979
raymond.roman@uct.ac.za
- ROMANELLI**
Dr. Fabio
Co-Chair, ASC/SHR Joint Working Group on
Seismic Hazard & Risk Assessment for Asian-
Pacific Regions
- University of Trieste
Department of Mathematics and Geosciences
Via E. Weiss, 2
34127 Trieste
ITALY
- T: 39 040 558 2116
F: 39 040 558 2111
romanel@units.it
- ROMANOWICZ**
Prof. Barbara
Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)
- University of California, Berkeley
Department of Geology & Geophysics
215 McCone Hall #4760
Berkeley, CA, 94720-4767
USA
- T: 1 510 643 5690
F: 1 510 643 5811
barbara@seismo.berkeley.edu
barbara.romanowicz@gmail.com
- ROOM**
Prof. Dr. Rein
President, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011
- University of Tartu
Institute of Physics
Ülikooli 18
50090 Tartu
ESTONIA
- T: 372 7 375 551
F: 372 7 375 556
rein.room@ut.ee
- ROSBJERG**
Prof. Dan
Association Representative Member, Union
Commission on Climatic and Environmental
Change (CCEC)
- Technical University of Denmark
Department of Environmental Engineering
Miljøvej, Building 113
2800 Kongens Lyngby
DENMARK
- T: 45 4525 1449
F: 45 4593 2850
daro@env.dtu.dk
- ROSE**
Prof. William I.
IUGG Liaison, International Civil Aviation
Organization (ICAO)
- Michigan Technological University
Department of Geological Engineering and
Sciences
1400 Townsend Drive
Houghton, MI, 49931
USA
- T: 1 906 487 2367
T: 1 906 482 6613
F: 1 906 487 3371
raman@mtu.edu
- ROSSBY**
Prof. Tom
Co-Chair SCOR/IAPSO WG 133: OceanScope
- University of Rhode Island
Graduate School of Oceanography (GSO)
215 South Ferry Road
Narragansett, RI 02882-1197
USA
- trossby@gmail.com
- ROSTEDT**
Katri
Contact Person, Adhering Organization
- Secretary General
Council of Finnish Academies
Snellmaninkatu 13
00170 Helsinki
FINLAND
- T: 358 9 228 69 242
katri.rostedt@academies.fi
- ROTACH**
Prof. Dr. Mathias
IAMAS National Correspondent
- University of Innsbruck
Institute of Meteorology and Geophysics
Innrain 52
6020 Innsbruck
AUSTRIA
- T: 43 512 507 5452
F: 43 512 507 2924
mathias.rotach@uibk.ac.at

ROTHMAN Prof. Daniel H. <i>Past Chair, Union Commission on Mathematical Geophysics (CMG)</i>	Massachusetts Institute of Technology Department of Earth, Atmospheric and Planetary Sciences Cambridge, MA, 02139 USA	T: 1 617 253 7861 F: 1 617 253 1699 dhr@mit.edu
ROURE Prof. Dr. François <i>Bureau Member, SCL/ILP</i>	Institut Français du Pétrole (IFP) Direction Géologie-Géochimie 1 & 4, avenue de Bois-Préau 92852 Rueil-Malmaison Cedex FRANCE	T: 33 1 4752 7362 F: 33 1 4752 7067 francois.roure@ifp.fr
ROUWET Dimitry <i>Leader, IAVCEI Commission on Volcanic Lakes</i>	Istituto Nazionale di Geofisica e Vulcanologia Via Donato Creti 12 40128 Bologna ITALY	F: 39 051 4151 498 dmitrirouwet@gmail.com dmitri.rouwet@bo.ingv.it
ROY Prof. Sukanta <i>Secretary, IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC) IUGG Liaison, ICSU Regional Office for Asia & the Pacific (ROAP)</i>	National Geophysical Research Institute P.O. Bag 724 Uppal Road 500 007 Hyderabad INDIA	T: 91 40 2717 0141 ext. 2384 F: 91 40 2717 1564 sukantaroy@yahoo.com
ROZSA Szabolcs <i>Secretary, IAG Communication & Outreach Branch</i>	University of Technology and Economics Department of Geodesy and Surveying P.O. Box 91 1521 Budapest HUNGARY	T: 36 1 463 1204 F: 36 1 463 3192 szrozca@iag-aig.org
RUDAJEV Dr. Vladimír <i>Member, National Committee</i>	Academy of Sciences of the Czech Republic Institute of Geology Puskinova namesti 9 160 00 Prague 6 CZECH REPUBLIC	T: 420 224 313 520 F: 420 224 313 572 vrudajev@email.cz
RUDLOFF Dr. Alexander <i>Executive Secretary, SCL/ILP</i>	GFZ German Research Centre for Geosciences Telegrafenberg 14473 Potsdam GERMANY	T: 49 331 288 1069 F: 49 331 288 1002 secretariat-ILP@gfz-potsdam.de rudloff@gfz-potsdam.de
RUGHOOPUTH Prof. Soonil Dutt Dharam Vir <i>IAGA National Correspondent</i>	University of Mauritius Faculty of Science Department of Physics Reduit MAURITIUS	T: 230 403 7688 T: 230 5709 9121 (mobile) F: 230 465 6928 sdr@uom.ac.mu
SABBIONE Dra. Nora <i>Vice-President, IASPEI Latin American and Caribbean Seismological Commission (LACSC) 2nd Vice-President, National Committee IASPEI National Correspondent</i>	Universidad Nacional de La Plata Facultad de Ciencias Astronómicas y Geofísicas Departamento de Sismología Paseo del Bosque s/n 1900 La Plata - Prov de Buenos Aires ARGENTINA	T: 54 221 423 6593 T: 54 221 423 6594 F: 54 221 423 6591 nora@fcaglp.unlp.edu.ar nsabbione@yahoo.com cniaspei.uggi@gmail.com
SAIN Kalachand C. <i>IUGG Representative, SCL/ILP</i>	National Geophysical Research Institute Uppal Road Hyderabad, 500 007 INDIA	T: 91 40 2717 8319 F: 91 40 2717 1564 kalachandsain@yahoo.com saink@ngri.res.in
SAMBOCO Eng. Viriato <i>President, National Committee IASPEI National Correspondent</i>	Direcção Nacional de Geologia C.P. 217 Maputo MOZAMBIQUE	T: 258 21 312 082 T: 258 82 431 2210 F: 258 21 429 216 viriatosamboco@yahoo.com.br
SAMBRIDGE Dr. Malcolm <i>IASPEI Representative, IUGG Committee on Mathematical Geophysics</i>	The Australian National University Seismology & Mathematical Geophysics Research School of Earth Sciences Canberra, ACT, 0200 AUSTRALIA	T: 61 2 6125 4557 F: 61 2 6257 2737 Malcolm.Sambridge@anu.edu.au
SANCHEZ Laura <i>Member, IUGG Resolution Committee Secretary General, National Committee for Colombia Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	German Geodetic Research Institute (DGFI) Alfons-Goppel-Str. 11 80539 Munich GERMANY	T: 49 89 230 311 295 F: 49 89 230 311 240 sanchez@dgfi.badw.de

- SANSO**
Prof. Fernando
Past President, IAG (1999-2003)
IAG National Correspondent
- Dipartimento di Ingegneria Civile e Ambientale-
Politecnico di Milano
Piazza Leonardo da Vinci 32
20133 Milan
ITALY
- T: 39 02 2399 4366
F: 39 02 2399 6530
fernando.sanso@polimi.it
- SANTOS**
Prof. Celso Augusto Guimarães
IAHS National Correspondent
- Universidade Federal da Paraíba
UFPB/CT/DECA
João Pessoa, PB, 58051-900
BRAZIL
- T: 55 83 3216 7684
F: 55 83 3216 7684
celso@ct.ufpb.br
- SANXHAKU**
Prof. Dr. Mithat
IAMAS National Correspondent
- Director
Hydrometeorological Institute
Rr. Duresit 219
Tirana
ALBANIA
- T: 355 4 235 18
mitats@yahoo.com
- SARAC**
Academician, Prof. Dr. sc. Dzevad
President, National Committee
- University of Sarajevo
Faculty of Civil Engineering
Institute for Geotechnics
S. Tomica br. 3
71000 Sarajevo
BOSNIA & HERZEGOVINA
- T: 387 33 278 481
F: 387 33 216 154
saradz@bih.net.ba
- SARWAR**
Mr. Ghulam
Contact Person, Adhering Organization
- Director Training & Research
Survey of Pakistan
Surveyor General's Office
Murree Road
Rawalpindi
PAKISTAN
- T: 92 51 929 1057
F: 92 51 929 0229
gsssheikh@hotmail.com
- SASAI**
Dr. Yoichi
IAVCEI Liaison, IAGA/IASPEI/IAVCEI Working Group on Electromagnetic Studies of Earthquakes & Volcanoes (EMSEV)
- Tokyo Metropolitan Government
Disaster Prevention Division
Nishi-Shinjuku, 2-8-1, Shinjuku-ku
Tokyo, 163-8001
JAPAN
- T: 81 3 5388 2485
F: 81 3 5388 1260
yosasai@zag.att.ne.jp
- SATAKE**
Prof. Kenji
Bureau Member, IUGG
Past Chair & IASPEI Representative,
IAPSO/IASPEI/IAVCEI Joint Tsunami Commission
Member, IASPEI Executive Committee
IASPEI National Correspondent
- University of Tokyo
Earthquake Research Institute
Yayoi, Bunkyo-ku
Tokyo, 113-0032
JAPAN
- T: 81 3 5841 0219
F: 81 3 3814 5507
satake@eri.u-tokyo.ac.jp
- SÁTORI**
Dr. Gabriella
IAGA National Correspondent
- Hungarian Academy of Sciences
Geodetic and Geophysical Research Institute
P.O.Box 5, Csatai E. u. 6-8
9401 Sopron
HUNGARY
- T: 36 99 508 379
F: 36 99 508 355
gsatori@ggki.hu
- SAUNDERS**
Prof. Andrew
IAVCEI National Correspondent
- University of Leicester
Department of Geology
University Road
Leicester, LE1 7RH
UK
- T: 44 116 252 3923
F: 44 116 252 3918
ads@le.ac.uk
- SAVA**
Dr. Constantin Stefan
Secretary General, National Committee; Contact Person, Adhering Organization
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- National Institute of Marine Geology and
Geoecology - GeoEcoMar
P.O. Box 72-145
033270 Bucharest
ROMANIA
- T: 40 722 786 434
F: 40 21 252 2594
sava@upcnet.ro
- SAVENIJE**
Prof. Dr. ir. Hubert H.G.
President-, IAHS
Chair, IAHS PUB
Nationally Accredited Delegate to the 25th Council of the Union, 2011
- Delft University of Technology
Civil Engineering and Geosciences
Water Management & Water Resources
Stevinweg 1
2628 CN Delft
THE NETHERLANDS
- T: 31 15 278 1433
H.H.G.Savenije@tudelft.nl
- SAVINYKH**
Dr. Viktor P.
Chair, IUGG Honours & Recognition Committee
IAG National Correspondent
- Moscow State University of Geodesy and
Cartography (MIIGAiK)
4 Gorokhovskiy lane
105064 Moscow
RUSSIA
- T: 7 499 763 3432
F: 7 499 267 4681
vp@miigaik.ru

SCHARES Ing. Nicolas <i>President, National Committee IAGA National Correspondent</i>	IUGG National Committee 128, rue de Dippach 8055 Bertrange LUXEMBOURG	T: 352 319716 T: 352 319716 nico.schares@pt.lu
SCHÄDLER Dr Bruno <i>IAHS National Correspondent</i>	University of Bern Institute of Geography Executive Director CHy Hallerstr. 12 3012 Bern SWITZERLAND	T: 41 31 631 8568 T: 41 31 631 8015 F: 41 31 631 8511 bruno.schaedler@giub.unibe.ch
SCHECK-WENDEROTH Prof. Dr. Magdalena <i>Secretary General, SCL/ILP</i>	GFZ German Research Centre for Geosciences Telegrafenberg C4 14473 Potsdam GERMANY	T: 49 331 288 1345 F: 49 331 288 2825 leni@gfz-potsdam.de secretariat-ILP@gfz-potsdam.de
SCHERTZER Dr. Daniel <i>EC Member, Union Commission on Mathematical Geophysics (CMG) - IAHS Representative Chair, IAHS Working Group on Precipitation</i>	Université Paris Est Ecole des Ponts ParisTech, LEESU 6-8 avenue Blaise Pascal, Cité Descartes 77455 Marne-la-Vallée Cedex 2 FRANCE	T: 33 1 6415 3633 T: 33 6 7504 5203 (mobile) F: 33 1 6415 3764 Daniel.Schertzer@enpc.fr
SCHLICH Prof. Roland <i>Treasurer, National Committee</i>	Université Louis Pasteur Ecole et Observatoire des Sciences de la Terre 5 Rue René Descartes 67084 Strasbourg Cedex FRANCE	T: 33 3 8845 0191 F: 33 3 8860 3887 roland.schlich@eost.u-strasbg.fr
SCHLOTTERBECK Guillermo Navarro <i>IAMAS National Correspondent</i>	Dirección Meteorológica de Chile Av. Portales 3450 Casilla 140 Estación Central Santiago CHILE	T: 56 2 2436 4538 F: 56 2 2437 8212 director@meteochile.cl
SCHMUTZ Prof. Dr. Werner <i>President, IAMAS IRC</i>	Director Physical-Meteorological Observatory Davos (PMOD) World Radiation Center (WRC) Dorfstr. 33 7620 Davos Dorf SWITZERLAND	T: 41 81 417 5111 F: 41 81 417 5100 werner.schmutz@pmodwrc.ch
SCHUH Prof. Dr. Harald <i>Member, IUGG Fellow Selection Committee Vice-President, IAG</i>	GFZ German Research Centre for Geosciences Telegrafenberg, A17 14473 Potsdam GERMANY	T: 49 331 288 1100 F: 49 331 288 1111 schuh@gfz-potsdam.de
SCHUMANN Prof. Dr. Andreas <i>Vice-President, IAHS ICWRS IAHS National Correspondent</i>	Ruhr University Institute of Hydrology, Water Resources Management and Environmental Engineering Universitätsstraße 150 44801 Bochum GERMANY	T: 49 234 322 4693 F: 49 234 321 4153 andreas.schumann@rub.de
SCHWEITZER Dr. Johannes <i>IASPEI Assistant Secretary</i>	NORSAR Gunnar Randers vei 15 P.O. Box 53 2027 KJELLER NORWAY	T: 47 638 05940 F: 47 638 18719 johannes@norsar.no
SEDLAK Dr. Pavel <i>IAMAS National Correspondent</i>	Academy of Sciences of the Czech Republic Institute of Atmospheric Physics Bocni II/1401 141 31 Prague 4 - Sporilov CZECH REPUBLIC	T: 420 272 016 020 F: 420 272 763 745 sedlak@ufa.cas.cz
SELBEKK Rune S. <i>IAVCEI National Correspondent</i>	University of Oslo Natural History Museum PO Box 1172 Blindern 0318 Oslo NORWAY	T: 47 2285 1647 F: 47 2285 1800 r.s.selbekk@nhm.uio.no
SELEK Bülent <i>IACS National Correspondent</i>	General Directorate of State Hydraulic Works Inonu Blv. 16 06420 Cankaya, Ankara TURKEY	T: 90 312 417 2470 F: 90 312 418 2498 bulent.selek@dsi.gov.tr

SELENICA Prof. Agim <i>IAHS National Correspondent</i>	Institute of Hydrometeorology Rr. Duresit 219 Tirana ALBANIA	T: 355 4 222 439 F: 355 69 243 3879 aselenica@hotmail.com
SELEZNEV Prof. Victor <i>Co-Chair, IASPEI Task Group on Active Monitoring</i>	Siberian Branch of Russian Academy of Sciences Geophysical Service 3, prosp. Akademika Koptyuga 630090 Novosibirsk RUSSIA	T: 7 383 333 2021 F: 7 383 333 3228 sel@gs.uiggm.nsc.ru
SELF Dr. Stephen <i>Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC) Vice-President, IAVCEI</i>	US-Nuclear Regulatory Commission Mail Stop EBB-2B2 Washington, DC, 20555 USA	T: 1 510 865 6141 stephen.self@nrc.gov stephen.self@open.ac.uk
SELLÉS MARTINEZ Dr. José <i>Member, IUGG Capacity Building & Education Committee</i>	Universidad de Buenos Aires Facultad de Ciencias Exactas y Naturales Departamento de Ciencias Geológicas Ciudad Universitaria Pabellon 2 1428 Buenos Aires ARGENTINA	T: 54 11 4576 3329 F: 54 11 4788 3439 pepe@gl.fcen.uba.ar
SENSOY Mr. Serhat <i>Co-opted Member, Union Commission on Climatic and Environmental Change (CCEC)</i>	Turkish State Meteorological Service P.O. Box 401 06120 Ankara TURKEY	T: 90 312 3022457 F: 90 312 3612371 ssensoy@dma.gov.tr
SERVAT Dr. Eric <i>Past President, IAHS ICSW IAHS National Correspondent</i>	Laboratoire HydroSciences Maison des sciences de l'eau Université Montpellier 2 34095 Montpellier Cedex 5 FRANCE	T: 33 4 6714 3310 F: 33 4 6714 4774 Eric.Servat@univ-montp2.fr
SEVCIK Assoc. Prof. Sebastián <i>Member, National Committee</i>	Comenius University Department of Astronomy, Physics of the Earth and Meteorology Mlynská dolina F1 842 48 Bratislava SLOVAK REPUBLIC	T: 421 2 6029 5328 F: 421 2 6542 5982 Sebastian.Sevcik@fmph.uniba.sk
SEVILLA Prof. Miguel J. <i>IAG National Correspondent</i>	Universidad Complutense Facultad de Ciencias Matemáticas Instituto de Astronomía y Geodesia 28040 Madrid SPAIN	T: 34 91 394 4582 F: 34 91 394 4615 sevilla@mat.ucm.es
SEYLER Frédérique <i>Vice-President, IAHS ICRS</i>	UMR 228 ESPACE-DEV Maison de la Télédétection 500 rue Jean François Breton 34093 Montpellier Cedex 5 FRANCE	T: 33 4 6754 8712 F: 33 4 6754 8700 Frederique.Seyler@ird.fr
SEZEN Erdoğan <i>Secretary, National Committee</i>	General Command of Mapping Geodesy Department 06100 Dikimevi/Cankaya, Ankara TURKEY	T: 90 312 595 2378 F: 90 312 320 1495 erdinc.sezen@hgk.msb.gov.tr
SHAMIR Prof. Em. Uri <i>Past President, IUGG (2003-2007) Advisory Board Member, Union Commission on Geophysical Risk and Sustainability (GRC) Chair IUGG Nominating Committee</i>	Technion - Israel Institute of Technology Faculty of Civil & Environmental Engineering Stephen and Nancy Grand Water Research Institute Haifa, 32000 ISRAEL	T: 972 4 829 2239 F: 972 4 822 8898 shamir@tx.technion.ac.il
SHANNON Prof. Patrick M. <i>Chair, National Committee</i>	University College Dublin UCD School of Geological Sciences Belfield Dublin 4 IRELAND	T: 353 1 716 2328 F: 353 1 283 7733 p.shannon@ucd.ie
SHARAF EL DIN Prof. Sayed H. <i>IAMAS & IAPSO National Correspondent</i>	University of Alexandria Faculty of Science Oceanography Department Alexandria EGYPT	T: 20 3 492 2918 T: 20 3 492 2919 F: 20 3 356 2820 ecosalex@yahoo.com

- SHENOI**
Dr. Satheesh C.
Member, Union Commission on Data and Information (UCDI)
Member, IUGG Early Career Scientist Award Committee
IAPSO Representative, IASPEI/IAPSO/IAGA International Ocean Network (ION)
Member, IAPSO Executive Committee
- Director
Indian National Centre for Ocean Information Services (INCOIS)
"Ocean Valley"
Pragathi Nagar (BO), Nizampet (SO)
Hyderabad, 500 090
INDIA
- T: 91 40 2389 5000
T: 91 40 6574 3155
T: 91 9 441 013 377 (mobile)
shenoi@incois.gov.in
- SHI**
Prof. Jiankui
IAGA National Correspondent
- National Space Science Center (NSSC)
Chinese Academy of Sciences (CAS)
No. 1 Nanertiao, Zhongguancun
Haidian District
P.O. Box 8701
Beijing, 100190
CHINA
- T: 86 10 6258 2680
F: 86 10 6257 6921
jkshi@nssc.ac.cn
- SHINOHARA**
Dr. Hiroshi
Member, IAVCEI Executive Committee
- Geological Survey of Japan, AIST
Magmatic Activity Research Group
Higashi 1-1-1 Central 7
Tsukuba, Ibaraki, 305-8567
JAPAN
- T: 81 29 861 3912
shinohara-h@aist.go.jp
- SIDERIS**
Prof. Michael G.
Vice-President, IUGG
Member, IUGG Statutes and By-Laws Committee
Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC)
Immediate Past President, IAG (2007-2011)
- University of Calgary
Department of Geomatics Engineering
2500 University Drive N.W.
Calgary, AB, T2N 1N4
CANADA
- T: 1 403 220 4985
F: 1 403 284 1980
sideris@ucalgary.ca
- SILVA DIAS**
Dr. Maria A.F.
Member, Union Commission on Data and Information (UCDI)
- University of São Paulo
Institute of Astronomy, Geophysics and Atmospheric Sciences
Rua do Matão, 1226
Cidade Universitária
São Paulo, SP, 05508-090
BRAZIL
- T: 55 11 3091 4713
F: 55 11 3091 4714
mafdsdia@model.iag.usp.br
- SIMA**
Dr. Zdislav
Member, National Committee
- Academy of Sciences of the Czech Republic
Astronomical Institute
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 042
F: 420 272 769 023
sima@ig.cas.cz
- SIMIONATO**
Dra. Claudia G.
IAPSO National Correspondent
- Universidad de Buenos Aires
Dpto. de Ciencias de la Atmosfera y los Oceanos, FCEN
Centro de Investigaciones del Mar y la Atmosfera (CIMA/CONICET-UBA)
Intendente Guiraldes 2160 - Ciudad Universitaria
Pabellon II - 2do. Piso
C1428EGA Ciudad Autónoma de Buenos Aires
ARGENTINA
- T: 54 11 4787 2693 ext. 311
T: 54 11 4576 3300
T: 54 11 4576 3309 ext. 388
F: 54 11 4788 3572
claudias@cima.fcen.uba.ar
- SIMKANIN**
Dr. Ján
Co-Chair, IAGA Working Group I-1
- Academy of Sciences of the Czech Republic
Institute of Geophysics AS CR
Boční II/1401
141 31 Prague 4
CZECH REPUBLIC
- T: 420 267 103 342
jano@ig.cas.cz
- SIMÕES**
Prof. Jefferson Cardia
IACS National Correspondent
- Director
Universidade Federal do Rio Grande do Sul – UFRGS
Centro Polar e Climático – CPC
Instituto de Geociências
Av. Bento Gonçalves 9500
Porto Alegre, RS, 91501-970
BRAZIL
- T: 55 51 3308 7327
F: 55 51 3308 7324
jefferson.simoes@ufrgs.br
- SINGH**
Prof. Ram Babu
IAMAS National Correspondent
- University of Dehli
Dehli School of Economics
Department of Geography
Dehli, 110 007
INDIA
- T: 91 11 2766 6783
T: 91 11 2755 3850
T: 91 9971 950 226 (mobile)
F: 91 11 2766 7336
rbsgeo@hotmail.com

SINITO Dra. Ana Maria <i>IGA National Correspondent</i>	Universidad del Centro de la Provincia de Buenos Aires (UNCPBA) Instituto de Física Arroyo Seco (IFAS) Pinto 399 7000 Tandil ARGENTINA	T: 54 249 443 9660 F: 54 249 443 9661 asinito@exa.unicen.edu.ar subcomitegeomagnetismo@gmail.com
SKOKO Acad. Dragutin <i>Member, National Committee</i>	Croatian Academy of Sciences and Arts Zrinski trg 11 10000 Zagreb CROATIA	F: 385 1 4819 979 dragutin.skoko@zg.htnet.hr
SLABY Prof. Dr. Ewa <i>IAVCEI National Correspondent</i>	Polish Academy of Sciences Institute of Geological Sciences Twarda St. 51/55 00-818 Warsaw POLAND	T: 48 22 697 8723 F: 48 22 620 6223 e.slaby@twarda.pan.pl
SMIRNOV Dr. Vladimir <i>Chair, IASPEI Commission on Earthquake Sources – Modelling and Monitoring for Prediction</i>	Lomonosov Moscow State University Faculty of Physics Earth Physics Div. Moscow 119992 RUSSIA	T: 7 95 9393848 vs60@phys.msu.ru vs60@mail.ru
SMITH Dr. Ian E. <i>Coordinator, IAVCEI Commission on Monogenetic Volcanism</i>	The University of Auckland School of Environment Bldg 301 Rm 1001 Private Bag 92019 Auckland NEW ZEALAND	T: 64 9 373 7599 87416 ie.smith@auckland.ac.nz
SMYTHE-WRIGHT Dr. Denise <i>Vice-President, IAPSO</i>	National Oceanographic Centre, Southampton NERC Strategic Research Division European Way Southampton, SO14 3ZH UK	T: 44 2380 596 439 F: 44 2380 596 204 dsw@noc.soton.ac.uk
SNEEUW Prof. Dr. Nico <i>President, IAG Inter-Commission Committee on Theory (ICCT)</i>	University of Stuttgart Institute of Geodesy Geschwister-Scholl-Str. 24D 70174 Stuttgart GERMANY	T: 49 711 121 3390 F: 49 711 121 3285 sneeuw@gis.uni-stuttgart.de
SNORRASON Dr. Arni <i>President, National Committee</i>	The Icelandic Meteorological Office Bustadavegur 9 150 Reykjavik ICELAND	T: 354 522 6000 F: 354 522 6001 arni.snorrason@vedur.is arni@imo.is
SOARE Mr. Andrei Alexandru <i>IGA National Correspondent</i>	Geological Institute of Romania National Geophysical Observatory "Liviu Constantinescu" Surlari 8211 Moara Vlasiei, Ilfov ROMANIA	T: 40 21 252 5512 F: 40 21 252 2594 andisol@dig.ro
SOHN Prof. Byung-Ju <i>Vice-President, IAMAS IRC IAMAS National Correspondent</i>	Seoul National University School of Earth and Environmental Sciences Seoul, 151-747 KOREA	T: 82 2 880 7783 F: 82 2 872 8156 sohn@snu.ac.kr
SOLAKOV Prof. D.Sc. Dimcho <i>IASPEI National Correspondent</i>	Bulgarian Academy of Sciences National Institute of Geophysics, Geodesy and Geography (NIGGG) Acad. G. Bonchev Str., Bl. 3 1113 Sofia BULGARIA	T: 359 2 979 3320 F: 359 2 971 3005 dimos@geophys.bas.bg
SOLDI Contralmirante Héctor <i>IAPSO National Correspondent</i>	Dirección de Hidrografía y Navegación de la Marina Gamarra 500 Chucuito, Callao PERU	T: 51 1 465 8312 F: 51 1 429 9054 hsoldi@hidronav.marina.mil.pe
SOLEHRIA Major General Munawar Ahmad <i>President, National Committee</i>	Survey of Pakistan Murree Road Rawalpindi PAKISTAN	T: 92 51 929 1057 F: 92 51 929 0229 munawarsolehria@hotmail.com

- SOLIDUM, Jr.**
Dr. Renato U.
*President, National Committee
IAVCEI National Correspondent*
- University of the Philippines Campus
Department of Science and Technology
Philippine Institute of Volcanology & Seismology
PHIVOLCS Building, C.P. Garcia Avenue
Diliman
1101 Quezon City
PHILIPPINES
- T: 63 2 926 2611
F: 63 2 929 8366
solidr@phivolcs.dost.gov.ph
renato_solidum@yahoo.com
- SOLOMINA**
Dr. Olga
*Vice-President, IACS
Member, IUGG Gold Medal Committee*
- Russian Academy of Sciences (RAS)
Institute of Geography
Staromonetny 29
Moscow, 119017
RUSSIA
- T: 7 495 125 9011
F: 7 495 959 0033
olgasolomina@yandex.ru
- SOLOVIEV**
Dr. Anatoly
*Member, Union Commission on Data and
Information (UCDI)*
- Russian Academy of Sciences (RAS)
Geophysical Center
3, Molodezhnaya Str.
119296 Moscow
RUSSIA
- T: 7 495 930 0546
a.soloviev@gcras.ru
- SOLTAU**
Juan Manuel
IAPSO National Correspondent
- Centro de Investigaciones Oceanográficas e
Hidrográficas - CIOH
Barrio Bosque, Sector Manzanillo
Escuela Naval
Cartagena
COLOMBIA
- T: 57 5 669 5291
T: 57 5 669 4104 ext. 102
F: 57 5 669 4297
jefcioh@cioh.org.co
- SONA**
Dr. Giovanna
Director, IAG International Geiod Service (IGeS)
- Politecnico di Milano
IGeS at DIIAR
P.za Leonardo da Vinci, 32
20133 Milano
ITALY
- T: 39 02 23996527
F: 39 02 23996530
iges@polimi.it
- SONG**
Prof. Sheng-Rong
IAVCEI National Correspondent
- National Taiwan University
No. 1, Sec. 4, Roosevelt Road
Taipei 106, Taiwan
CHINA-TAIPEI
- T: 886 2 3366 2938
F: 886 2 2363 6095
srsong@ntu.edu.tw
- SOTO**
Ing. Jaime Ricardo
IAG National Correspondent
- Universidad Nacional de La Plata
Facultad de Ingeniería
Departamento de Agrimensura
Unidad de Investigación y Desarrollo en GPS y
Metrología
Calle 47 No. 168
1900 La Plata - Prov. de Buenos Aires
ARGENTINA
- T: 54 221 423 6677 int. 254
T: 54 221 423 6684 int. 254
scg.snuggi@gmail.com
jrsoto1@gmail.com
- SOUDARIN**
Laurent
*Director, Central Bureau of IAG International
DORIS Service (IDS)*
- CLS
8-10 rue Hermes
Parc Technologique du Canal
31520 Ramonville Saint-Agne
FRANCE
- T: 33 5 61 39 48 49
T: 33 5 61 39 47 80
F: 33 5 61 39 48 06
Laurent.Soudarin@cls.fr
- SPARNOCCHIA**
Dr. Stefania
*IUGG Liaison, UNESCO: International
Oceanographic Commission
Member, IAPSO Executive Committee
IAPSO National Correspondent
Scientific Secretary, National Committee*
- CNR - Istituto di Scienze Marine
Viale Romolo Gessi 2
34123 Trieste
ITALY
- T: 39 040 305 312
F: 39 040 308 941
stefania.sparnocchia@ts.ismar.cnr.it
- SPICAK**
Dr. Ales
IAVCEI National Correspondent
- Academy of Sciences of the Czech Republic
Institute of Geophysics
Bocni II/1401
141 31 Prague 4 - Sporilov
CZECH REPUBLIC
- T: 420 267 103 345
F: 420 272 761 549
F: 420 272 762 528
als@ig.cas.cz
- SPILHAUS**
Dr. A. Fred
*Member, IUGG Committee on Membership
Issues; Past Chair, IUGG Finance Committee
(1999-2003)*
- 10900 Picasso Lane
Potomac, MD, 20854
USA
- T: 1 202 296 2380
FSpilhaus@alum.MIT.edu
fspilhaus@gmail.com
- SPIRIDONOV**
Prof. Dr. Valery
IAMAS National Correspondent
- Bulgarian Academy of Sciences
National Institute of Meteorology and Hydrology
Blvd. 66 Tsarigradsko chaussee
1784 Sofia
BULGARIA
- T: 359 2 462 4508
F: 359 2 988 0380
valery.spiridonov@meteo.bg

- SRBINOSKI**
Prof. Dr. Zlatko
IAG National Correspondent
- Ss Cyril and Methodius University
Faculty of Civil Engineering
Department of Geodesy
Blvd. Partizanski odredi 24, PO Box 560
1000 Skopje
F.Y.R. MACEDONIA
- T: 389 2 311 6066 ext. 123
F: 389 2 311 8834
srbinoski@gf.ukim.edu.mk
- STÅLNACKE**
Per
Vice-President, IAHS ICWQ
- Bioforsk - Norwegian Institute for Agricultural
and Environmental Research
Water Quality and Hydrology
FA Dahls vei 20
1432 As
NORWAY
- T: 47 9320 2520
F: 47 6300 9410
Per.Stalnacke@bioforsk.no
- STANCALIE**
Dr. Gheorghe
IAMAS National Correspondent
- National Administration of Meteorology
Sos. Bucuresti - Ploiesti, nr. 97
013686 Bucharest
ROMANIA
- T: 40 21 316 6098
F: 40 21 316 6098
gheorghe.stancalie@meteoromania.ro
- STANDER**
Mr. Johan
IAMAS National Correspondent
- Weather Office
ATNS Control Tower
PO Box 21
Cape Town International Airport
Cape Town, 7525
SOUTH AFRICA
- T: 27 21 934 0450
F: 27 21 934 4590
johan.stander@weathersa.co.za
- STAROVOIT**
Dr. Oleg Y.
IASPEI Representative, ISC Executive Committee
- Russian Academy of Sciences (RAS)
Geophysical Survey
Schmidt Institute of Physics of the Earth
Prospekt Lenina, 189
249020 Obninsk, Kaluzhskay obl.
RUSSIA
- T: 7 095 912 6872
F: 7 095 334 2002
ostar@gsras.ru
- STEFAN**
Prof. Dr. Sabina
IAMAS National Correspondent
- University of Bucharest
Faculty of Physics
P.O. Box MG-11, Magurele
077125 Bucharest
ROMANIA
- T: 40 21 780 4770
F: 40 21 420 8625
sabina_stefan@yahoo.com
- STEFANSSON**
Dr. Ragnar
IASPEI National Correspondent
- The University of Akureyri
Nordurslóð 2
600 Akureyri
ICELAND
- T: 354 466 3125
T: 354 460 8000
T: 354 899 4805 (mobile)
raha@simnet.is
- STEFFEN**
Prof. Dr. Konrad
Member, IUGG Fellow Selection Committee
- Swiss Federal Institute for Forest, Snow and
Landscape Research WSL
Zürcherstrasse 111
8903 Birmensdorf
SWITZERLAND
- T: 41 44 7392 455
F: 41 44 7392 575
konrad.steffen@wsl.ch
- STEKAUEROVA**
Assoc. Prof. Vlasta
Member, National Committee
- Slovak Academy of Sciences
Institute of Hydrology
Racianska 75
831 02 Bratislava 3
SLOVAK REPUBLIC
- T: 421 2 4926 8302
F: 421 2 4425 9404
Vlasta.Stekauerova@savba.sk
- STISEN**
Simon
Vice-President, IAHS ICRS
- Geological Survey of Denmark and Greenland
Øster Voldgade 10
1350 Copenhagen K
DENMARK
- T: 45 3814 2778
sst@geus.dk
- STOLARSKI**
Dr. Richard
Vice-President, IAMAS IOC
- NASA
Goddard Space Flight Center (GSFC)
Code 916
Greenbelt, MD, 20771
USA
- T: 1 301 614 5982
F: 1 301 614 5903
stolar@polska.gsfc.nasa.gov
- STONE**
Michael
President, IAHS ICCE
- University of Waterloo
Geography and Environmental Management
200 University Avenue West
Waterloo, ON, N2L3G1
CANADA
- T: 1 519 888 4567
F: 1 519 725 2827
mstone@uwaterloo.ca
- STOPAR**
Prof. Dr. Bojan
IAG National Correspondent
- University of Ljubljana
Faculty of Civil and Geodetic Engineering
Geodetic Department
Jamova 2
SI- 1115 Ljubljana
SLOVENIA
- T: 386 1 476 8500
F: 386 1 425 0681
bojan.stopar@fgg.uni-lj.si

STROBEL Prof. Darrell F. <i>Secretary, IAMAS ICPAE</i>	Johns Hopkins University Department of Earth and Planetary Sciences 121 Olin Hall 3400 N. Charles Street Baltimore, MD 21218 USA	T: 1 410 516 7829 strobel@jhu.edu
STRUPCZEWSKI Prof. Dr. Witold <i>IAHS National Correspondent</i>	Polish Academy of Sciences Institute of Geophysics Ksiecia Janusza St. 64 01-452 Warsaw POLAND	T: 48 22 691 5853 F: 48 22 691 5915 wgs@igf.edu.pl
STURKELL Assoc. Prof. Erik <i>IAVCEI National Correspondent</i>	University of Gothenburg Department of Earth Sciences, Geophysics Box 460 SE- 405 30 Gothenburg SWEDEN	T: 46 31 786 2820 F: 46 31 786 1986 erik.sturkell@gvc.gu.se
SU Zhongbo (Bob) <i>Vice-President, IAHS ICRS</i>	University of Twente Faculty of Geo-Information Science and Earth Observation (ITC) Hengelosestraat 99 P.O. Box 217 7500 AE Enschede THE NETHERLANDS	T: 31 53 4874 3111 F: 31 53 4874 336 b_su@itc.nl
SUHADOLC Prof. Peter <i>Member, IUGG Site Comparison Committee IASPEI Liaison, IASPEI/IAPSO/IAGA International Ocean Network (ION) Secretary General/Treasurer, IASPEI</i>	University of Trieste Department of Mathematics and Geosciences Via E. Weiss, 2 34127 Trieste ITALY	T: 39 040 558 2122 F: 39 040 558 2111 suhadolc@units.it
SURONO Dr. <i>IAVCEI National Correspondent</i>	Center for Volcanology and Geological Hazard Mitigation, Geological Agency Dept. of Energy and Mineral Resources Jl. Diponegoro Bandung, 12810 INDONESIA	T: 62 22 727 2606 F: 62 22 727 2606 surono@vsi.esdm.go.id
SVENSSON Dr. Anders <i>Secretary, National Committee</i>	University of Copenhagen Department of Geophysics Juliane Maries Vej 30 2100 Copenhagen Ø DENMARK	T: 45 3532 0616 F: 45 3536 5357 as@gfy.ku.dk
SWAMY Dr. K. Veera <i>Co-Chair, IAGA Inter-divisional Commission on Developing Countries</i>	National Geophysical Research Institute Uppal Road 500 007 Hyderabad INDIA	T: 91 40 2343 4771 kv.swamy@gmail.com
SWATERS Prof. Gordon <i>EC Member, Union Commission on Mathematical Geophysics (CMG) - IAPSO Representative</i>	University of Alberta Department of Mathematical & Statistical Sciences Edmonton, AB, T6G 2G1 CANADA	T: 1 780 492 7159 F: 1 780 492 6826 gordon.swaters@ualberta.ca
SWINBANK Dr. Richard <i>President, IAMAS ICDM</i>	Met Office FitzRoy Road Exeter, EX1 3 PB UK	T: 44 1392 886 619 F: 44 1392 885 681 richard.swinbank@metoffice.gov.uk
SYAFI'I Mohamad Arief <i>Secretary, National Committee</i>	Head of Center for Geodetic Control Network and Geodynamics Geospatial Information Agency (BIG) Jl. Raya Jakarta-Bogor km. 46 Bogor, 16911 INDONESIA	T: 62 21 875 8061 F: 62 21 875 8061 arief.syafii@big.go.id
SYNOLAKIS Prof. Costas <i>IAPSO National Correspondent</i>	Hellenic Center for Marine Research 190 13 Anavisos GREECE	T: 30 22910 76462 F: 30 22910 76323 costas@hcmr.gr
SZAKACS Dr. Alexandru <i>IAVCEI National Correspondent</i>	Sapientia University Environment Sciences Department 4 Matei Corvin Street 400112 Cluj-Napoca ROMANIA	T: 40 21 741 534 405 F: 40 264 593 693 szakacs@sapientia.ro

- SZARKA**
Prof. László
Chair, IUGG Capacity Building & Education Committee
Member, IUGG Early Scientist Award Committee
Member, IAGA Executive Committee
- Hungarian Academy of Sciences
Nádor utca 7.
1051 Budapest
HUNGARY
- T: 36 1 411 6366
F: 36 1 411 6211
szarka.laszlo@titkarsag.mta.hu
- SZOLGAY**
Prof. Ján
IAHS National Correspondent
- Slovak University of Technology
Faculty of Civil Engineering
Department of Land and Water Resources Management
Radlinskeho 11
813 68 Bratislava
SLOVAK REPUBLIC
- T: 421 2 5927 4498
F: 421 2 5292 3575
jan.szolgay@stuba.sk
- SZTEIN**
Dr. Ester
Contact Person, Adhering Organization
- Board on International Scientific Organizations
The National Academies
500 Fifth Street, NW
Washington, DC, 20001
USA
- T: 1 202 334 3049
F: 1 202 334 2231
esztein@nas.edu
- TABER**
John
Co-Chair, IASPEI Commission on Education & Outreach
- Incorporated Research Institutions for Seismology
1200 New York Ave. NW, Suite 800
Washington, DC, 20005
USA
- T: 1 202 682 2220
F: 1 202 682 2444
taber@iris.edu
- TABREZ**
Dr. Ali Rashid
IAPSO National Correspondent
- Director General
National Institute of Oceanography
Street No. 47, Block-1
Clifton Karachi
PAKISTAN
- T: 92 21 925 1172
T: 92 21 925 1173
F: 92 21 925 1179
niopk@cubexs.net.pk
- TACKLEY**
Prof. Paul
Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- ETH Zurich
Institute of Geophysics
Sonneggstrasse 5
8092 Zurich
SWITZERLAND
- T: 41 44 633 27 58
ptackley@ethz.ch
- TADILI**
Prof. Ben Aissa
IASPEI National Correspondent
- Institut Scientifique
Laboratoire de Physique du Globe
Charia Ibn Batouta, BP 703
Agdal-Rabat
MOROCCO
- T: 212 5 777 4543
T: 212 6 6140 1188
F: 212 5 777 4540
tadili@yahoo.com
tadili@israbat.ac.ma
- TAIRA**
Dr. Asahiko
Past President, SCL/ILP
- Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Center for Deep Earth Exploration
Natsushima-cho
Yokosuka, 237-0061
JAPAN
- T: 81 46 867 9252
F: 81 46 867 9255
ataira@jamstec.go.jp
- TAIT**
Dr. Jenny
Co-Chair, IAGA Working Group I-3
- The University of Edinburgh
School of GeoSciences
Grant Institute
The King's Building
West Mains Road
Edinburgh, EH9 3JW
UK
- T: 44 131 651 7069
F: 44 131 668 3184
jenny.tait@ed.ac.uk
- TAKEUCHI**
Prof. Kuniyoshi
Chair, Union Commission on Geophysical Risk and Sustainability (GRC)
Member, IUGG Fellow Selection Committee
IUGG Liaison, IRDR
- Public Works Research Institute (PWRI)
International Center for Water Hazard and Risk Management (ICHARM)
under the auspices of UNESCO
Minamihara 1-6, Tsukuba
Ibaraki, 305-8516
JAPAN
- T: 81 29 879 0854
F: 81 29 879 6709
kuni.t@pwri.go.jp
- TANAKA**
Dr. Satoru
Chair, Union Commission on the Study of the Earth's Deep Interior (SEDI)
- Japan Agency for Marine-Earth Science and Technology (JAMSTEC)
Institute for Research on Earth Evolution (IFREE)
2-15 Natsushima, Yokosuka
Kanagawa, 237-0061
JAPAN
- T: 81 46 867 9340
F: 81 46 867 9315
stan@jamstec.go.jp

<p>TANIGUCHI Prof. Makoto <i>Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC)</i> <i>IAHS National Correspondent</i></p>	<p>Research Institute for Humanity and Nature (RIHN) 457 Kamigamo, Motoyama, Kita-ku Kyoto, 603-8047 JAPAN</p>	<p>T: 81 75 707 2255 F: 81 75 707 2506 makoto@chikyu.ac.jp</p>
<p>TASESKI Assist. MSc. Goce <i>Contact Person, Adhering Organization</i></p>	<p>Ss Cyril and Methodius University Faculty of Civil Engineering Blvd. Partizanski odredi 24, PO Box 560 1000 Skopje MACEDONIA</p>	<p>T: 389 2 311 6066 F: 389 2 311 8834 taseski@gf.ukim.edu.mk</p>
<p>TAVERA Dr. Jhonny Hernando <i>IASPEI National Correspondent</i></p>	<p>Director de Sismología Instituto Geofísico del Peru Calle Calatrava No. 216 Urb. Camino Real La Molina Lima 12 PERU</p>	<p>T: 51 1 317 2300 ext. 140 hernando.tavera@igp.gob.pe</p>
<p>TEALEB Prof. Dr. Ali Abdel Adim <i>Past Bureau Member, IUGG (2003-2011)</i> <i>IUGG Liaison, ICSU Regional Office for Africa (ROA)</i> <i>Member, IUGG Committee on Membership Issues</i> <i>President, National Committee</i> <i>IAG National Correspondent</i></p>	<p>National Research Institute of Astronomy and Geophysics Helwan, Cairo EGYPT</p>	<p>T: 20 2 2554 9783 T: 20 1 0141 9842 F: 20 2 2554 8020 tealebaa@yahoo.com</p>
<p>TELLERIA-GEIGER Dr. José Luis <i>President, National Committee</i> <i>IAGA National Correspondent</i></p>	<p>Comision Nacional de Estudios Geofísicos Calle 21, No. 8461, Calacoto P.O. Box 11253 La Paz BOLIVIA</p>	<p>T: 591 2 279 3694 T: 591 767 78731 (mobile) joseluilteller@yahoo.com</p>
<p>TEME Sir (Prof.) So-ngo Clifford <i>Vice-President, National Committee</i></p>	<p>Rivers State University of Science and Tech. Institute of Geosciences & Space Tech. P.M.B. 5080 Port Harcourt NIGERIA</p>	<p>T: 234 803 309 3932 T: 234 808 929 7437 cliffordteme@yahoo.co.uk</p>
<p>TESAR Dr. Miroslav <i>IAHS National Correspondent</i></p>	<p>Institute of Hydrodynamics Academy of Sciences of the Czech Republic Pod Patankou 30/5 166 12 Praha 6, Dejvice CZECH REPUBLIC</p>	<p>T: 420 233 109 011 F: 420 233 324 361 miroslav.tesar@iol.cz</p>
<p>TEUNISSEN Prof. Dr. ir. Peter J.G. <i>IAG National Correspondent</i></p>	<p>Delft University of Technology Faculty of Civil Engineering and Geosciences Department of Geoscience and Remote Sensing PO Box 5048 2628 CN Delft THE NETHERLANDS</p>	<p>T: 31 15 278 2558 F: 31 15 278 3711 p.j.g.teunissen@tudelft.nl P.Teunissen@curtin.edu.au</p>
<p>THALLER Dr. Daniela <i>Director of Central Bureau, IAG International Earth Rotation & Reference Systems Service (IERS)</i></p>	<p>Federal Agency for Cartography and Geodesy (BKG) Richard-Strauss-Allee 11 60598 Frankfurt GERMANY</p>	<p>T: 49 69 633 3273 F: 49 69 633 3425 daniela.thaller@bkg.bund.de</p>
<p>THEBAULT Dr. Erwan <i>Co-Chair, IAGA Working Group V-MOD</i></p>	<p>IPGP - CNRS UMR 7154 Équipe de Géomagnétisme 4, place Jussieu 75252 Paris Cedex 05 FRANCE</p>	<p>T: 33 1 8395 7484 F: 33 1 4427 3777 ethebault@ipgp.fr</p>
<p>THERRIEN René <i>Vice-President, IAHS ICGW</i></p>	<p>Université Laval Département de géologie et de génie géologique 1065 Avenue de la Médecine Québec, QC, G1V 0A6 CANADA</p>	<p>T: 1 418 656 5400 F: 1 418 656 7339 rene.therrien@ggl.ulaval.ca</p>
<p>THOMSON Dr. Alan W.P. <i>Executive Committee Member, Union Commission on Geophysical Risk and Sustainability (GRC)</i> <i>Chair, IAGA Division V</i></p>	<p>British Geological Survey Murchinson House West Mains Road Edinburgh, EH9 3LA UK</p>	<p>T: 44 131 667 1000 F: 44 131 668 2683 awpt@bgs.ac.uk</p>

- THYBO**
Prof. Dr. Hans
Bureau Member, SCL/ILP
- University of Copenhagen
Department of Geography and Geology
Oester Voldgade 10
1350 Copenhagen K
DENMARK
- T: 45 3532 2452
F: 45 3532 2501
thybo@geo.ku.dk
- TITOV**
Vasily V.
*Chair & IASPEI Representative,
IAPSO/IASPEI/IAVCEI Joint Tsunami
Commission*
- NOAA Center for Tsunami Research
PMEL/OERD
7600 Sand Point Way NE, Bldg. 3
Seattle, WA, 98115-0070
USA
- T: 1 206 526 4536
F: 1 206 526 6054
Vasily.Titov@noaa.gov
titov@noaa.gov
- TIWARI**
Dr. Virendra M.
*Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- National Geophysical Research Institute
Gravity and Magnetic Studies Group
Uppal Road
Hyderabad, 500 007
INDIA
- T: 91 40 2343 4640
F: 91 40 2717 1564
vmtiwari@ngri.res.in
vmtiwari@yahoo.com
- TONDOZI**
Prof. Keto
*Secretary General, National Committee
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Kinshasa University
Faculty of Sciences
Department of Physics
BP 190
Kinshasa XI
D.R. CONGO
- T: 243 99 142 1614
tondozi@yahoo.fr
- TORGE**
Prof. Dr. Ing. Wolfgang
Past President, IAG (1991-1995)
- Leibniz University of Hanover
Institute of Geodesy
Schneiderberg 50
30167 Hanover
GERMANY
- T: 49 511 762 2795
T: 49 511 762 2794
F: 49 511 762 4006
torge@ife.uni-hannover.de
- TORRES**
Eng. João Manuel Agria
*Secretary, National Committee
IAG National Correspondent
Nationally Accredited Delegate to the 25th
Council of the Union, 2011*
- Universidade de Lisboa
Instituto Geofísico do Infante D. Luís
Rua de Escola Politécnica 58
1250-102 Lisbon
PORTUGAL
- T: 351 21 390 3311
F: 351 21 395 3327
jatorres@iol.pt
- TRIBUZIO**
Mrs. Cecilia
Contact Person, Adhering Organization
- Consiglio Nazionale di Ricerche
Piazzale Aldo Moro 7
00181 Rome
ITALY
- T: 39 06 4993 3828
F: 39 06 4993 2905
cecilia.tribuzio@cnr.it
- TROMBOTTO**
Dr. Dario
IACS National Correspondent
- IANIGLA CONICET - Geociología
Parque San Martín
Apartado Postal: 330
5500 Mendoza
ARGENTINA
- T: 54 261 524 4208
F: 54 261 524 4201
dtrombot@lab.cricyt.edu.ar
iacsargentina@gmail.com
- TSAKIRIS**
Prof. George
IAHS National Correspondent
- National Technical University of Athens
School of Rural and Surveying Engineering
Lab. of Reclamation Works and Water Resources
Management
Heroon Polytechniou 9
157 80 Zographos, Athens
GREECE
- T: 30 210 772 2631
T: 30 210 772 4064
F: 30 210 772 2632
gtsakir@central.ntua.gr
- TSCHERNING**
Prof. Carl Christian
Past Secretary General, IAG (1995-2007)
- University of Copenhagen
Department of Geophysics
Juliane Maries Vej 30
2100 Copenhagen Ø
DENMARK
- T: 45 3532 0582
F: 45 3536 5357
cct@gfy.ku.dk
- TSERETELI**
Dr. Nino
*Secretary General, National Committee
IASPEI National Correspondent*
- Javakishvili Tbilisi State University
Department of Seismology, Seismic Hazard and
Natural Disasters Risks
Institute of Geophysics
Alexidze st. 1
0171 Tbilisi
GEORGIA
- T: 995 32 233 5513
F: 995 32 332 867
nino_tsereteli@tsu.ge
nino66_ts@yahoo.com
- TSUJIMURA**
Maki
Vice-President, IAHS ICT
- University of Tsukuba
Graduate School of Life and Environmental
Sciences
1-1-1 Ten-nodai
Tsukuba, 305-8572
JAPAN
- T: 81 29 853 2568
F: 81 29 853 2568
mktsuji@geoenv.tsukuba.ac.jp

TUNYI Dr. Igor <i>Member, National Committee</i>	Slovak Academy of Sciences Geophysical Institute Dúbravská cesta 9 845 28 Bratislava SLOVAK REPUBLIC	T: 421 2 5941 0605 F: 421 2 5941 0626 geoftuny@savba.sk
TÜRKECAN Dr. Ahmet <i>IAVCEI National Correspondent</i>	Geology Exp. Department General Directorate of Mineral Research and Exploration 06800 Cankaya, Ankara TURKEY	T: 90 312 201 1495 F: 90 312 287 9188 turkecan@mta.gov.tr
TURNER Dr. John <i>Vice-President, IAMAS</i> <i>Member, IUGG Early Career Scientist Award</i> <i>Committee</i>	British Antarctic Survey High Cross Madingley Road Cambridge, CB3 0ET UK	T: 44 1223 221 485 F: 44 1223 221 279 jtu@bas.ac.uk
TZIAVOS Prof. Ilias N. <i>IAG National Correspondent</i>	Aristotle University of Thessaloniki Department of Geodesy and Surveying School of Rural and Surveying Engineering 541 24 Thessaloniki GREECE	T: 30 2310 996 125 F: 30 2310 995 948 tziavos@topo.auth.gr
UHLENBROOK Prof. Dr. Ir. Stefan <i>IAHS National Correspondent</i>	UNESCO-IHE Institute of Water Education PO Box 3015 2601 DA Delft THE NETHERLANDS	T: 31 6 4202 0033 F: 31 15 212 2921 s.uhlenbrook@unesco-ihe.org s.uhlenbrook@tudelft.nl
UKSTINS PEATE Dr. Ingrid <i>Vice-Chair, IAVCEI Commission on Large</i> <i>Igneous Provinces</i>	University of Iowa Geoscience Department 121 Trowbridge Hall Iowa City, IA 52242 USA	T: 1 319 335 1824 ingrid-peate@uiowa.edu
ULMER Prof. Dr. Peter <i>IAVCEI National Correspondent</i>	ETH Zurich Institute for Mineralogy and Petrology Clausiusstr. 25 8092 Zurich SWITZERLAND	T: 41 44 632 3955 F: 41 44 632 1636 ulmer@erdw.ethz.ch
UTADA Prof. Hisashi <i>IAGA Liaison, IASPEI/IAPSO/IAGA</i> <i>International Ocean Network (ION)</i>	University of Tokyo Earthquake Research Institute Ocean Hemisphere Research Center 1-1-1 Yayoi, Bunkyo-ku Tokyo, 113-0032 JAPAN	T: 81 3 5841 5722 F: 81 3 3812 9417 utada@eri.u-tokyo.ac.jp
UYEDA Prof. em. Seiya <i>Past Bureau Member, IUGG (1995-1999)</i> <i>Past Chair, IAGA/IASPEI/IAVCEI Working</i> <i>Group on Electromagnetic Studies of</i> <i>Earthquakes & Volcanoes (EMSEV)</i>	Japan Academy 7-32 Ueno Koen Taito-ku, Tokyo, 110-0007 JAPAN	T: 81 3 3412 0237 F: 81 3 3412 0237 suyeda@st.rim.or.jp
ÜNVER Col. Eng. Yücel <i>IAG National Correspondent</i>	Head of Geodesy Department General Command of Mapping 06100 Dikimevi/Cankaya, Ankara TURKEY	T: 90 312 595 2250 F: 90 312 320 1495 yucel.unver@hgk.msb.gov.tr
VALENTINE Greg <i>Member, IAVCEI Executive Committee</i>	University at Buffalo Department of Geology & Center for Geohazards Studies 411 Cooke Hall Buffalo, NY, 14260-1350 USA	T: 1 716 645 4295 gav4@buffalo.edu
VAN DAM Prof. Dr. Tonie <i>Association Representative Member, Union</i> <i>Commission on Climatic and Environmental</i> <i>Change (CCEC)</i> <i>President, IAG Commission 1: Reference Frames</i> <i>Secretary, National Committee</i> <i>IASPEI National Correspondent</i> <i>Nationally Accredited Delegate to the 25th</i> <i>Council of the Union, 2011</i>	University of Luxembourg Faculté des Sciences, de la Technologie et de la Communication 6, rue Richard Coudenhove-Kalergi 1359 Luxembourg LUXEMBOURG	T: 352 46 6644 6261 F: 352 46 6644 5741 tonie.vandam@uni.lu

- VAN DE GIESEN**
Prof. Nick
Secretary, IAHS ICWRS
- Delft University of Technology
Water Resources Management
Stevinweg 1, Room 4.75
P.O. Box 5048
2600 GA Delft
THE NETHERLANDS
- T: 31 15 278 7180
F: 31 15 278 5559
n.c.vandegiesen@tudelft.nl
- VANDENBERGHE**
Sander
Secretary, IAHS ICSH
- Ghent University
Faculty of Bioscience-Engineering
Laboratory of Hydrology and Water Management (LHWM)
Coupure links 653
9000 Ghent
BELGIUM
- T: 32 9 264 6137
F: 32 9 264 6236
Sander.Vandenbergh@UGent.be
- VAN DEN HURK**
Dr. Bart J.J.M.
IAMAS National Correspondent
- Royal Netherlands Meteorological Institute (KNMI)
P.O. Box 201
3730 AE De Bilt
THE NETHERLANDS
- T: 31 30 220 6338
F: 31 30 221 0407
hurkvd@knmi.nl
- VAN KLAVEREN**
M. Patrick
IAHS National Correspondent
- Minister and Permanent Delegate to international Organisations of a scientific, environmental and humanitarian nature
Athos Palace
2, rue de la Lujerneta
MC 98000
MONACO
- T: 377 98 9881 48
F: 377 93 509 591
pvanklaveren@gouv.mc
- VARDANYAN**
Dr. Levon
IAMAS National Correspondent
- Armenian Hydrometeorological and Monitoring Service
54 Leo str.
Yerevan, 0002
Republic of ARMENIA
- T: 374 10 530 316
F: 374 10 532 952
armstate@meteo.am
- VARGAS**
Carlos
IASPEI National Correspondent
- Universidad Nacional de Colombia
Departamento de Geociencias
Ciudad Universitaria
Bogotá, D.C.
COLOMBIA
- T: 57 1 316 5000 ext. 16506/14/25
F: 57 1 316 5390
cavargasj@unal.edu.co
- VARGAS JIMENEZ**
Dr. Carlos Alberto
President, IASPEI Latin American and Caribbean Seismological Commission (LACSC)
- Universidad Nacional de Colombia
Departamento de Geociencias
Postal Code 111311
Bogota, D.C.
COLOMBIA
- T: 57 1 316 500/ext. 16506/14/25
F: 57 1 316 5390
cavargasj@unal.edu.co
- VATRT**
Assoc. Prof. Dr. Viliam
Member, National Committee
- Military Geographical and Hydrometeorological Office
Cs. odboje 676
518 16 Dobruska
CZECH REPUBLIC
- T: 420 973 247 802
F: 420 973 247 620
vatrt@vghur.army.cz
- VERBANAC**
Dr. Giuliana
IAGA National Correspondent
- University of Zagreb
Faculty of Science
Andrija Mohorovicic Geophysical Institute
Horvatovac 95
10000 Zagreb
CROATIA
- T: 385 1 460 5921
verbanac@irb.hr
- VERHOEST**
Prof. Niko
IAHS National Correspondent
- Ghent University
Laboratory of Hydrology and Water Management
Coupure Links 653
9000 Ghent
BELGIUM
- T: 32 9 264 6138
F: 32 9 264 6236
niko.verhoest@ugent.be
- VERMA**
Dr. Saurabh K.
IASPEI Representative, Solid Earth Geophysical Working Group (SCAR)
- National Geophysical Research Institute
Uppal Road
Hyderabad, 500 007
INDIA
- T: 91 40 2343 4601
F: 91 40 2343 4651
director@ngri.res.in
skvngri@hotmail.com
- VIEIRA**
Prof. Gonçalo
IACS National Correspondent
- Universidade de Lisboa
Faculdade de Letras, Alameda da Universidade
Centro de Estudos Geográficos
1600-214 Lisbon
PORTUGAL
- T: 351 21 794 0218
F: 351 21 793 8690
gtvieira@ceg.ul.pt
gtelesvieira@gmail.com
- VILJANEN**
Dr. Ari
IAGA National Correspondent
- Finnish Meteorological Institute
P.O. Box 503
00101 Helsinki
FINLAND
- T: 358 9 1929 4668
F: 358 9 1929 4603
ari.viljanen@fmi.fi

VILLANTE Prof. Umberto <i>IAGA National Correspondent</i>	Università de L'Aquila Dipartimento di Scienze Fisiche e Chimiche Vetoio 67010 L'Aquila ITALY	T: 39 08 6243 3022 F: 39 08 6243 3033 umberto.villante@aquila.infn.it
VILLINGER Prof. Dr. Heinrich <i>Secretary, IASPEI/IAPSO/IAGA International Ocean Network (ION); Vice-Secretary, IASPEI/IAVCEI/IAPSO International Heat Flow Commission (IHFC)</i>	University of Bremen Department of Geosciences P.O. 330440 28334 Bremen GERMANY	T: 49 421 2186 5340 F: 49 421 2186 5369 vill@uni-bremen.de
VINNIK Prof. Lev P. <i>Advisory Committee, Union Commission on the Study of the Earth's Deep Interior (SEDI)</i>	Russian Academy of Sciences (RAS) Institute of Physics of the Earth Bolshaya Gruzinskaya, 10 123810 Moscow RUSSIA	T: 7 095 255 6040 F: 7 095 254 9088 vinnik@synapse.ru
VITERBO Dr. Antonio Pedro <i>IAMAS National Correspondent</i>	Instituto de Meteorologia R.C. Aeroporto 1700-008 Lisbon PORTUGAL	T: 351 21 844 7010 F: 351 21 847 4333 pedro.viterbo@mete.pt
VOGFJÖRD Dr. Kristin <i>Nationally Accredited Delegate to the 25th Council of the Union, 2011</i>	The Icelandic Meteorological Office Bustadavegur 9 150 Reykjavik ICELAND	T: 354 522 6000 F: 354 522 6001 vogfjord@vedur.is
VOGT Prof. Dr. Joachim <i>IAGA National Correspondent</i>	Jacobs University Bremen Campus Ring 8 28725 Bremen GERMANY	T: 49 421 200 3252 j.vogt@jacobs-university.de
VOLKERT Dr. Hans <i>Vice-Chair, IUGG Working Group on History IUGG Liaison, World Meteorological Organization (WMO) Secretary General, IAMAS</i>	German Aerospace Center (DLR) Institute for Atmospheric Physics (IPA) 82234 Oberpfaffenhofen GERMANY	T: 49 8153 282 570 F: 49 8153 281 841 hans.volkert@dlr.de
VRECA Dr. Polona <i>IACS National Correspondent</i>	Jozef Stefan Institute Department of Environmental Sciences Jamova 39 SI- 1000 Ljubljana SLOVENIA	T: 386 1 588 5304 F: 386 1 588 5346 Polona.Vreca@ijs.si
WACHNIEW Przemyslaw <i>Secretary, IAHS ICT</i>	University of Sciences and Technology Faculty of Physics and Nuclear Techniques ul. Mickiewicza 30 30-059 Kraków POLAND	T: 48 12 6172 966 F: 48 12 6340 010 wachniew@novell.ftj.agh.edu.pl
WAFULA Dr. D. Mifundu <i>IASPEI National Correspondent</i>	Centre de Recherche en Sciences Naturelles (CRSN) Department of Geophysics Lwiro, DS Bukavu, Sud Kivu D.R. CONGO	T: 243 81 479 8570 dmwafula@yahoo.fr
WAGENER Dr. Thorsten <i>Vice-President, IAHS Chair, IAHS Working Group on Education</i>	University of Bristol Queen's School of Engineering 1.51 Queen's Building University Walk Bristol, BS8 1TR UK	T: 44 117 331 5737 F: 44 117 331 5719 thorsten.wagener@bristol.ac.uk
WAKU Mr. J. Mavakalu <i>Vice-President, National Committee</i>	Agence Nationale de Météorologie B.P. 4715 Kinshasa II D.R. CONGO	T: 243 99 822 6425 meteo.rdc@ic.cd
WALLING Prof. Des E. <i>Chair, IAHS Ltd.</i>	University of Exeter Department of Geography College of Life and Environmental Sciences Amory Building Rennes Drive Exeter, EX4 4RJ UK	T: 44 1392 263 345 T: 44 1392 860 562 F: 44 1392 263 342 d.e.walling@exeter.ac.uk

- WANG**
Prof. Chien-Ying
IASPEI National Correspondent
- National Central University
Institute of Geophysics
300, Zhongda Rd., Jhongli City
Taoyuan, Taiwan, 320
CHINA-TAIPEI
- T: 886 3 422 715165632
F: 886 3 422 2044
wangcy@earth.ncu.edu.tw
- WANG**
Prof. Dahong
Secretary, IAMAS ICAE
- Gifu University of Japan
Faculty of Engineering
Yanagido 1-1
Gifu
JAPAN
- T: 81 58 293 2702
F: 81 58 230 1892
wang@gifu-u.ac.jp
- WATT**
Clare
Co-Chair, IAGA Division III
- University of Alberta
Department of Physics
Edmonton, AB, T6G 2G7
CANADA
- F: 1 780 492 7014
watt@ualberta.ca
- WAYNAKH**
Mr. Izzeddin M.
IAHS National Correspondent
- Royal Jordanian Geographic Centre
P.O. Box 20214
Amman, 11118
JORDAN
- T: 962 6 534 5188
F: 962 6 534 7694
izwainakh@yahoo.com
- WEATHERWAX**
Allan T.
Co-Chair, IAGA Working Group II-G
- Siena College
Department of Physics
515 Loudon Road
Loudonville, NY, 12211-1462
USA
- T: 1 518 786 5089
F: 1 518 783 2986
aweatherwax@siena.edu
- WÉBER**
Dr. Zoltán
IASPEI National Correspondent
- Hungarian Academy of Sciences
Geodetic & Geophysical Research Institute
Seismological Observatory
Meredek u. 18
1112 Budapest
HUNGARY
- T: 36 1 248 2300
F: 36 1 248 2301
weber@seismology.hu
- WEBLEY**
Dr. Peter
*Co-Chair, IAVCEI World Organization of Volcano
Observatories*
- Alaska Volcano Observatory
903 Koyukuk Drive
Fairbanks, AK, 99775-6020
USA
- T: 1 907 474 1542
F: 1 907 474 7290
pwebley@gi.alaska.edu
- WECHBUNTHUNG**
Mr. Burin
IASPEI National Correspondent
- Director
Seismological Bureau
Thai Meteorological Department
Ministry of Information and Communication
Technology
4393 Sukhumvit Road Bangna
Bangkok, 10260
THAILAND
- T: 66 2 399 4547
F: 66 2 399 0968
burin_tmd@yahoo.com
- WELLENS-MENSAH**
Mr. Julius
IAHS National Correspondent
- IUGG-Ghana
Ministry of Water Resources, Works and Housing
P.O Box M43
Accra
GHANA
- T: 233 21 779 514
T: 233 21 775 351
F: 233 21 777 170
hsd@ghana.com
- WHALER**
Prof. Kathryn
*Member, IUGG Capacity Building & Education
Committee*
*Member, IUGG Site Comparison Committee
Advisory Committee, Union Commission on the
Study of the Earth's Deep Interior (SEDI)*
President, IAGA
- The University of Edinburgh
School of Geosciences
The Grant Institute
West Mains Road
Edinburgh, EH9 3JW
UK
- T: 44 131 650 4904
kathy.whaler@ed.ac.uk
- WHITE**
James D.L.
Editor, IAVCEI Bulletin of Volcanology
- University of Otago
Geology Department
PO Box 56
Dunedin 9015
NEW ZEALAND
- T: 64 3 479 7519
james.white@otago.ac.nz
- WHITE**
Dr. Martin
IAPSO National Correspondent
- National University of Ireland, Galway
Earth and Ocean Sciences
School of Natural Sciences
The Quadrangle
University Road
Galway
IRELAND
- T: 353 91 493 214
F: 353 91 750 533
martin.white@nuigalway.ie

- WIDDOWSON**
Dr. Mike
Vice-Chair, IAVCEI Commission on Large Igneous Provinces
- The Open University, Walton Hall
Department of Environment, Earth and Ecosystems
Milton Keynes, MK7 6AA
UK
- T: 44 1908 652986
F: 44 1908 655151
mike.widdowson@open.ac.uk
- WIDIYANTORO**
Prof. Sri
*IUGG Liaison, ICSU Regional Office of Asia & the Pacific (ROAP)
IASPEI National Correspondent*
- Institute of Technology of Bandung
Faculty of Mining and Petroleum Eng.
Jl. Ganesa 10
Bandung, 40132
INDONESIA
- T: 62 22 250 6282
F: 62 22 251 4922
sriwid@geoph.itb.ac.id
- WIETOR**
Ing. Leon
IAMAS National Correspondent
- Admin. des Services Techn. de l'Agriculture
Service Agricole Météorologique
15, route d'Esch
1470 Luxembourg
LUXEMBOURG
- T: 352 45 717 2222
F: 352 45 717 2341
leon.wietor@asta.etat.lu
- WIGET**
Adrian
IAG National Correspondent
- Federal Office of Topography swisstopo
Seftigenstr. 264
3084 Wabern
SWITZERLAND
- T: 41 31 963 2469
F: 41 31 963 2459
adrian.wiget@swisstopo.ch
- WIJFFELS**
Dr. Susan
IAPSO National Correspondent
- CSIRO Marine Research
GPO 1538
Hobart, TAS, 7000
AUSTRALIA
- T: 61 3 6232 5450
F: 61 3 6232 5123
Susan.Wijffels@csiro.au
- WILLIS**
Pascal
*Chair of Governing Board, IAG International
DORIS Service (IDS)*
- Institut de Physique du Globe de Paris
UFR STEP/GSP
Bat Lamarck, Case 7011
75205 Paris Cedex 13
FRANCE
- T: 33 1 5727 8481
F: 33 1 5727 8482
willis@ipgp.jussieu.fr
- WILSON**
Tom
Secretary, IAVCEI Commission on Cities and Volcanoes
- University of Canterbury
Department of Geological Sciences
Private Bag 4800
Christchurch
NEW ZEALAND
- T: 64 3 364 2987 45511
thomas.wilson@canterbury.ac.nz
- WIRTH**
Prof. Dr. Volkmar
IAMAS National Correspondent
- Johannes Gutenberg University of Mainz
Institute for Atmospheric Physics
Becherweg 21
55099 Mainz
GERMANY
- T: 49 6131 392 2868
F: 49 6131 392 3532
vwirth@uni-mainz.de
- WONNACOTT**
Richard T.
Member at Large, IAG Executive Committee
- Director: Survey Services
Chief Directorate: National Geo-spatial Information
Private Bag X10
Mowbray, 7705
SOUTH AFRICA
- T: 27 21 658 4304
F: 27 21 689 1351
rwonnacott@sl.wcape.gov.za
rwonnacott@gmail.com
- WOODMAN**
Dr. Ronald F.
*President, National Committee
IAGA & IAMAS National Correspondent*
- Instituto Geofísico del Perú
Calle Calatrava 216
Urb. Camino Real
La Molina
Lima 12
PERU
- T: 51 1 436 8437
F: 51 1 436 8437
ron.woodman@igp.gob.pe
ron@infonegocio.net.pe
- WOODWORTH**
Dr. Philip L.
IAPSO Liaison, IAPSO Permanent Service for Mean Sea Level
- Proudman Oceanographic Laboratory
Joseph Proudman Building
6 Brownlow Street
Liverpool, L3 5DA
UK
- T: 44 151 795 4800
F: 44 151 795 4801
plw@pol.ac.uk
- WRATT**
Dr. David S.
IAMAS National Correspondent
- National Institute of Water and Atmospheric Research
P.O. Box 14-901
Wellington
NEW ZEALAND
- T: 64 4 386 0300
d.wratt@niwa.co.nz

- WU**
Dr. Prof. Guoxiong
Association Representative Member, Union Commission on Climatic and Environmental Change (CCEC)
Member, IUGG Nominating Committee
Past President, IAMAS
President, National Committee
- Chinese Academy of Sciences (CAS)
LASG
Institute of Atmospheric Physics (IAP)
No. 40 Huayuanli, Beichenxilu
Chaoyang District
P.O. Box 9804
Beijing, 100029
CHINA
- T: 86 10 8299 5266
F: 86 10 8299 5172
gxwu@lasg.iap.ac.cn
- WU**
Dr. Prof. Zhongliang
Past President, IASPEI
- China Earthquake Administration
Institute of Geophysics
Beijing, 100036
CHINA
- T: 86 10 8825 6477
F: 86 10 6841 5372
wuzhl@gucas.ac.cn
wuzhl.igp@gmail.com
- WUEBBLES**
Dr. Donald
Director of Information, IAMAS Commission on Ozone
- University of Illinois
Department of Atmospheric Sciences
105 S. Gregory Ave.
Urbana, IL, 61801
USA
- T: 1 217 244 1568
F: 1 217 244 4393
wuebbles@illinois.edu
- WURZ**
Prof. Dr. Peter
IAGA National Correspondent
- University of Bern
Physics Institute
Sidlerstr. 5
3012 Bern
SWITZERLAND
- T: 41 31 631 4426
F: 41 31 631 4405
peter.wurz@space.unibe.ch
- WYSS**
Prof. Max
Chair, IASPEI Working Group on Earthquake Loss Estimates, Real-Time and Scenario Mode Worldwide
- World Agency of Planetary Monitoring and Earthquake Risk Reduction
Route de Jargonnant 2
1207 Geneva
SWITZERLAND
- T: 41 21 808 8660
F: 41 21 808 8661
m_wyss@wapmerr.org
- XU**
Dr. Prof. Yigang
IAVCEI National Correspondent
- Chinese Academy of Sciences (CAS)
Guangzhou Institute of Geochemistry
No. 511 Kehua Street, Wushan
Tianhe District P.O. Box 1131
Guangzhou, 510640
CHINA
- T: 86 20 8519 0109
F: 86 20 8529 0261
yigangxu@gig.ac.cn
- XU**
Zongxue
Vice-President, IAHS ICWRS
- Beijing Normal University
College of Water Sciences
Xinjiekuwai Street 19
Beijing, 100875
CHINA
- T: 86 10 5880 1989
F: 86 10 5880 1136
zongxu@vip.sina.com
- YALÇINER**
Prof. Ahmet Cevdet
Vice-Chair, IAPSO/IASPEI/IAVCEI Joint Tsunami Commission
- Middle East Technical University
Department of Civil Engineering
Üniversiteler Mahallesi,
Dumlupınar Bulvarı No:1
06800 Çankaya Ankara
TURKEY
- T: 90 312 210 5438
yalciner@metu.edu.tr
- YAMAMOTO**
Prof. Mamoru
Member, IUGG Gold Medal Committee
- Research Institute for Sustainable Humanosphere
Kyoto University
Kyoto
JAPAN
- T: 81 774 38 3814
yamamoto@rish.kyoto-u.ac.jp
- YAMAZAKI**
Dr. Toshitsugu
IAGA National Correspondent
- University of Tokyo
Atmosphere and Ocean Research Institute
5-1-5 Kashiwanoha, Kashiwa
Chiba, 277-8564
JAPAN
- T: 81 4 7136 6130
yamazaki@aori.u-tokyo.ac.jp
- YANG**
Prof. Dawen
Secretary, IAHS ICCLAS
- Tsinghua University
Department of Hydraulic Engineering
Qinghuayuan
Beijing, 100084
CHINA
- T: 86 10 6279 6976
F: 86 10 6297 6971
yangdw@mail.tsinghua.edu.cn
- YASUNARI**
Prof. Tetsuzo
Member at Large, IAMAS
- Nagoya University
Hydrospheric Atmospheric Research Center (HyARC)
Furo-cho
Chikusa-ku
Nagoya, 464-8601
JAPAN
- T: 81 52 789 3465 5470
F: 81 52 789 3436
yasunary@hyarc.nagoya-u.ac.jp

YAU Dr. Andrew <i>Member, IAGA Executive Committee</i> <i>IAGA National Correspondent</i>	University of Calgary Department of Physics and Astronomy Institute for Space Research 2500 University Drive N.W. Calgary, AB, T2N 1N4 CANADA	T: 1 403 220 8825 F: 1 403 220 3616 yau@phys.ucalgary.ca
YETIRMISHLI Dr. Gurban <i>IASPEI National Correspondent</i>	Director of Republic Seismological Service at ANAS Nigar Rafibeyli Str., 9 AZ 1001 Baku AZERBAIJAN	T: 994 12 492 3437 F: 994 12 492 1455 seys@azeurotel.com
YIGIT Dr. Erdal <i>Co-Chair, IAGA Working Group II-C</i>	University of Michigan Ann Arbor, MI, 48109-2143 USA	T: 1 734 763 6248 erdal@umich.edu
YILMAZ Koray <i>Vice-President, IAHS ICCLAS</i>	Middle East Technical University Department of Geological Engineering 06800 Ankara TURKEY	T: 90 312 2102 689 yilmazk@metu.edu.tr
YOUNG Prof. emer. Gordon <i>Past President, IAHS (2009-2013)</i>	34 Vincent Avenue PO Box 878 Niagara on the Lake, ON, L0S 1J0 CANADA	T: 1 905 468 5896 gordonyoung_wwap@yahoo.com
ZALIAPIN Prof. Ilya <i>Secretary, Union Commission on Mathematical Geophysics (CMG) - IUGG Representative</i>	University of Nevada Department of Mathematics and Statistics Reno, NV, 89557 USA	T: 1 775 784 6077 F: 1 775 784 6378 zal@unr.edu
ZANA Prof. Ndotoni <i>President, National Committee</i>	Centre de Recherche en Geophysique (CRG) B.P. 10336 Kinshasa I D.R. CONGO	T: 242 81 517 1399 azanan2002@yahoo.fr
ZAVALA HIDALGO Dr. Jorge <i>IAPSO National Correspondent</i>	Centro de Ciencias de la Atmósfera Ciudad Universitaria 04510 Mexico, D.F. MEXICO	T: 52 55 5622 4048 F: 52 55 5616 0789 jzavala@atmosfera.unam.mx
ZAVYALOV Dr. Sci. Alexey D. <i>Member, IASPEI Executive Committee</i> <i>President, IASPEI European Seismological Commission (ESC)</i>	Russian Academy of Sciences (RAS) Institute of Physics of the Earth Bolshaya Gruzinskaya, 10 123995 Moscow RUSSIA	T: 7 499 254 2478 F: 7 499 254 2478 zavyalov@ifz.ru
ZELAZNIEWICZ Prof. Dr. Andrzej <i>IAVCEI National Correspondent</i>	Polish Academy of Sciences Institute of Geological Sciences Podwale St. 75 50-449 Wroclaw POLAND	T: 48 71 343 4749 F: 48 71 341 8231 pansudet@pwr.wroc.pl andrzejz@twarda.pan.pl
ZEMP Dr. Michael <i>Director, IACS World Glacier Monitoring Service (WMGS)</i>	University of Zurich Department of Geography Winterthurerstrasse 190 8057 Zurich SWITZERLAND	T: 41 44 635 51 39 F: 41 44 635 68 41 michael.zemp@geo.uzh.ch wgms@geo.uzh.ch
ZEREFOS Prof. Christos <i>President, IAMAS Commission on Ozone (IOC)</i> <i>President, National Committee</i> <i>IAMAS National Correspondent</i>	Academy of Athens Research Center for Atmospheric Physics and Climatology Solonos 84 106 80 Athens GREECE	T: 30 210 883 2048 F: 30 210 884 2098 zerefos@geol.uoa.gr
ZHANG Dr. Prof. Jianyun <i>Vice-President, National Committee</i> <i>IAHS National Correspondent</i>	Nanjing Hydraulic Research Institute (NHRI) No. 223, Guangzhou Road Gulou District Nanjing, 210029 CHINA	T: 86 25 8582 8007 F: 86 25 8582 8888 jy Zhang@nhri.cn
ZHANG Prof. Xinbao <i>Vice-President, IAHS ICCE</i>	Institute of Mountain Hazards and Environments CAS & MWR, No. 9, Block 4, South Renmin Rd. Chengdu Sichuan, 610041 CHINA	T: 86 28 8522 2258 F: 86 28 8522 9235 zxbao@imde.ac.cn

- ZHAO**
Prof. Dr. Jinping
IAPSO National Correspondent
- Ocean University of China (OUC)
College of Physical and Environmental
Oceanography (CPEO)
No. 238 Songling Road
Laoshan District
Qingdao, 266100
CHINA
- T: 86 53 266 782 096
F: 86 53 266 782 096
jpzhao@ouc.edu.cn
- ZHENG**
Prof. Chunmiao
Past President, IAHS ICGW
- University of Alabama
Department of Geological Sciences
202 Bevill Building (Box 870338)
Tuscaloosa, AL, 35487
USA
- T: 1 205 348 0579
F: 1 205 348 0818
czheng@ua.edu
- ZLOTNICKI**
Prof. Jacques
*Chair, IAGA/IASPEI/IAVCEI Working Group on
Electromagnetic Studies of Earthquakes &
Volcanoes (EMSEV)*
- Scientific National Research Center
Observatoire de Physique du Globe de Clermont-
Ferrand (UMR 6524)
63177 Aubière Cedex
FRANCE
- T: 33 6 0877 9108
F: 33 4 7340 7382
jacques.zlotnicki@wanadoo.fr
- ZOBACK**
Prof. Mark D.
Bureau Member, SCL/ILP
- Stanford University
Department of Geophysics
397 Panama Mall
Mitchell Building, Room 359
Stanford, CA, 94305-2215
USA
- T: 1 650 725 9295
F: 1 650 725 7344
zoback@pangea.stanford.edu
- ZUGAJ**
Prof. Dr. Ranko
IAHS National Correspondent
- University of Zagreb
Faculty of Mining, Geology and Petroleum
Engineering
Pierottijeva 6
10000 Zagreb
CROATIA
- T: 385 1 553 5780
ranko.zugaj@rgn.hr
- ZUGRAVESCU**
Prof. Dr. Dorel
President, National Committee
- Institute of Geodynamics
"Sabba S. Stefanescu"
Str. Barajul Arges, 41A, sc. B., et. II2, ap. 8
014121 Bucharest
ROMANIA
- T: 40 21 317 2126
F: 40 21 317 2120
dorezogr@geodin.ro
- ZULKARNAIN**
Prof. Dr. Iskandar
Vice-President, National Committee
- Indonesian Institute of Sciences
Jl. Jend. Gatot Subroto No. 10
Jakarta, 12710
INDONESIA
- T: 62 21 525 1850
F: 62 21 526 0804
iskandar.zulkarnain@lipi.go.id
iska003@yahoo.com

LIST OF ACRONYMS

AGU	American Geophysical Union
BGI	International Gravimetric Bureau
BIPM	Bureau International des Poids et Mesures
CCEC	Commission on Climatic and Environmental Change
CMG	Commission on Mathematical Geophysics
CODATA	Committee on Data for Science and Technology
COSPAR	Committee on Space Research
EMSEV	IAGA/IASPEI/IAVCEI Inter-Association Working Group on Electromagnetic Studies of Earthquakes and Volcanoes
FAGS	Federation of Astronomical and Geophysical Data Analysis Services
GGOS	Global Geodetic Observing System
GOOS	Global Ocean Observing System
GRC	Commission on Geophysical Risk and Sustainability
IACS	International Association of Cryospheric Sciences
IAG	International Association of Geodesy
IAGA	International Association of Geomagnetism and Agronomy
IAHS	International Association of Hydrological Sciences
IAMAS	International Association of Meteorology and Atmospheric Sciences
IAPSO	International Association for the Physical Sciences of the Ocean
IASPEI	International Association of Seismology and Physics of the Earth's Interior
IAU	International Astronomical Union
IAVCEI	International Association of Volcanology and Chemistry of the Earth's Interior
ICAO	International Civil Aviation Organization
ICET	International Council of Earth Tides
ICSU	International Council for Science
IGES	International Geoid Service
IHP	International Hydrological Programme
ILP	International Lithosphere Program
IOC	International Oceanographic Commission
ION	International Ocean Network
IPGH	Instituto Panamericano de Geografia Historia (also PAIGH)
ISGI	International Service of Geomagnetism Indices
IUGG	International Union of Geodesy and Geophysics
IUGS	International Union of Geological Sciences
PAIGH	PanAmerican Institute of Geography and History
SCAR	Scientific Committee on Antarctic Research
SCL	Scientific Committee on the Lithosphere
SCOR	Scientific Committee on Ocean Research
SCOSTEP	Scientific Committee on Solar-Terrestrial Physics
SEDI	Study of the Deep Interior of the Earth
UCDI	Union Commission on Data and Information
UNESCO	United Nations Educational, Scientific and Cultural Organization
URSI	Union Radio Scientifique Internationale
WCRP	World Climate Research Programme
WDC	World Data Center
WDS	ICSU World Data System
WMO	World Meteorological Organization