MINUTES OF THE COUNCIL MEETING
XXV GENERAL ASSEMBLY, MELBOURNE, AUSTRALIA, 27 JUNE - 8 JULY 2011

MINUTES OF THE FIRST SESSION
MONDAY, 27 JUNE, 2007 (14:00 – 18:00), ROOM 106, MELBOURNE CONVENTION CENTRE

PARTICIPANTS

NATIONAL DELEGATES

Australia  Brian Kennett
Austria  Norbert Höggerl
Brazil  Marcelo Assumpção
Canada  Zoltan Hajnal
China  Jianping Li
Czech Republic  Vladimír Cermak
Denmark  Søren Gregersen
Estonia  Rein Rõõm
Finland  Elena Kožlovskaya
France  Jérôme Dyment
Hungary  József Ádám
India  Virendra Tiwari
Israel  Zev Levin
Italy  Giuliano Panza
Japan  Shiro Imawaki
Luxembourg  Tonie van Dam
F.Y.R. Macedonia  Cvetanka Popovska
New Zealand  David Rhoades
Nigeria  Dagogo Fubara
Norway  Ulf-Peter Hoppe
Poland  Jan Krynski
Portugal  João Agria Torres
Romania  Constantin Sava
Russia  Alexei D. Gvishiani
South Africa  Isabelle Anorge
(alternate)
Sweden  Berit Arheimer
Thailand  Nopphadon Chotsiri
(alternate)
Turkey  Onur Lenk
(alternate)
United Kingdom  David Collins
United States of America  Priscilla Grew
Vietnam  Ha Duyen Chau

LISTENERS

Costa Rica  Marino Protti

MEMBERS OF THE EXECUTIVE COMMITTEE

President  Tom Beer
Vice-President  Harsh Gupta
Secretary General  Alik Ismail-Zadeh
Treasurer  Aksel Hansen
Bureau Member  Yun-tai Chen
Bureau Member  David Jackson
President IACS  Ian Allison
President IAG  Michael Sideris
President IAGA  Eigil Friis-Christensen
President IAHS  Gordon Young
President IAMAS  Guoxiong Wu
President IAVCEI  Setsuya Nakada

MEMBERS OF THE FINANCE COMMITTEE

Chair  Juan F. Vilas

GUESTS OF THE PRESIDENT ATTENDING THE FIRST SESSION OF THE COUNCIL

IUGG Liaison to CODATA  Charles Barton
Candidate for IUGG Bureau Member  Jaime U. Fucugauchi
Chair of Statutes and By-Laws Committee  David Kerridge,
IUGG Assistant  Jenny Lin
Secretary General  Simone Oswald
IUGG Liaison to SCOR  Mike MacCracken
Chair of the IRDR  Gordon McBean
Scientific Committee  Bruce McKellar
Regional Office for Asia and the Pacific  Gordon McBean
IUGG Assistant  Simone Oswald
Secretary General  Johan Rodhe
IAPSO Secretary  Peter Suhadolc
General  Colin Simpson
Deputy Director, BISO, National Academies of Sciences  Ester Sztein

1. Greetings; Presentation of the credentials; election of tellers

The First Session of the Council Meeting was called to order at 14:00 and began with a roll call of delegates. 28 delegates were present at the opening, all of them eligible to vote. The total number of countries eligible to vote was 57 (69 minus 7 in observer status minus 5 in associate status). The quorum (19) was reached. Other delegates arrived in the course of the session, bringing the total to 31 with all eligible to vote.

Tom Beer welcomed all participants in the Council Meeting and informed them that the latest number of Assembly registrants is over 3,000. He also introduced Simone Oswald, IUGG Assistant...
Secretary General, and Jenny Lin, the IAMAS Assistant Secretary General, who will help in taking the minutes and be the contact points in case of any problems.

Three tellers for voting matters were announced, namely Jenny Lin, Johan Rodhe, and Raymond Roman. The Council Members accepted the proposal by the President.

2. Approval of the Agenda
The Agenda was approved.

3. Approval of the Minutes of the Council Meeting in Perugia (2007)
The Minutes of the 2007 Council Meeting were distributed to the participants of the 2007 General Assembly for their comments, published in the Comptes Rendus of the 24th General Assembly, and also posted on the IUGG web page. The Minutes were approved.

4. Brief Reports of the Officers
President Tom Beer
Tom Beer summarized his activities since 2007 as detailed in his report in the Council Agenda Book. (Note: the quadrennial report of the President can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

He especially highlighted the item on IUGG membership and expressed his concern about the decreasing attendance of National Delegates at IUGG General Assemblies. After the General Assembly in Perugia, Italy, he therefore tried to contact several IUGG members to find out why the delegates are not coming. Possible reasons are:

- Restructuring of the Adhering Body or the retirement of a long-serving IUGG National Committee Chair who had not managed to find appropriate new persons.
- Visa problems;
- Financial difficulties

Concerning the restructuring and retirement issues in the Adhering Bodies and National Committees, Tom Beer encouraged the Council Members to give some thought to their respective National Committee about the following questions:

- Does the National Committee need to be reconstituted?
- Are the Committee Members still active?
- Is there a realistic succession plan to handle retirements and resignations?
- Is the National Committee providing sufficient feedback to the Adhering Body?

Furthermore, he pointed out that regional geophysical groupings such as the American Geophysical Union (AGU), the European Geosciences Union (EGU), and the Asian Oceania Geosciences Society (AOGS) are all very strong, robust and vibrant, but they have no direct voice in the IUGG affairs. To improve this situation, a Membership Committee, chaired by Aksel Hansen, was established. This Committee recommended a possible new Membership category and various classes of Membership, which will be discussed under item 8.

Vice-President Harsh Gupta
Harsh Gupta summarized his activities since 2007 as detailed in his report in the Council Agenda Book. (Note: the quadrennial report of the Vice-President can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

Additionally, he mentioned that, during his visit to the GeoForschungsZentrum (GFZ) in Potsdam, Germany, he had a chance of discussing the possibilities of establishing an IUGG Secretariat in GFZ-Potsdam. HG mentioned that the GFZ-Potsdam sent a response, which has been discussed by the IUGG Bureau, and IUGG will reply accordingly.

Secretary General Alik Ismail-Zadeh
Alik Ismail-Zadeh summarized the activities of the Union since 2007 as detailed in his report in the Council Agenda Book. (Note: the quadrennial report of the Secretary General can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

He especially highlighted the item of IUGG membership. Greece rejoined IUGG as a Regular Member; the Republic of Azerbaijan and the Former Yugoslav Republic of Macedonia became new Regular Members; Costa Rica and Georgia joined IUGG as Associate Members; Bulgaria moved to regular membership; and India enhanced its membership category. Three Associate Members, i.e., DR Congo, Ghana and Morocco, also became Regular Members thanks to the Royal Society of London, UK, which offered to pay their membership dues for the last three years.

He mentioned that IUGG has been involved in various activities of the International Council for Science (ICSU), especially emphasizing the International Polar Year, new ICSU programs related to integrated research on disaster risk, and the world data system. IUGG was involved in research and outreach programs of several international bodies dealing with the Earth system science, e.g., programs of UNESCO, IOC, IHP, IYPE, IPY, etc.
Treasurer Aksel Hansen

Aksel Hansen summarized his report on the financial status of the Union as detailed in the Council Agenda Book. (Note: the quadrennial report of the Treasurer can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

IUGG currently has 69 members, i.e. 57 Regular Members, 7 Observers and 5 Associates. The Observers are: Greece and the Philippines in category 3, Egypt in category 2, Albania, Armenia, Ghana and Morocco in category 1.

Over the past years, IUGG has accumulated money. The new budget for 2012-2015 will increase expenditure of the Union on scientific programs and grants.

5. Review of IUGG Union Commissions

Harsh Gupta reported on the Union Commission activities. Detailed reports from the Union Commissions can be found in the Council Agenda Book (Note: the quadrennial reports of the Union Commissions can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

The four Union Commissions are:
- Commission on Data and Information (UCDI),
- Commission on Geophysical Risk and Sustainability (GRC),
- Commission on Mathematical Geophysics (CMG), and
- Commission on the Study of the Earth’s Deep Interior (SEDI).

All four Commissions have been very active for the last four years.

6. Matters of Membership

Several new admissions and re-admissions of new members to IUGG require a two-thirds absolute majority vote of the Council for final approval (IUGG Statute 18). A vote by hand was conducted. Tom Beer invited Alik Ismail-Zadeh to lead through this vote. Johan Rodhe, Raymond Roman, and Jenny Lin volunteered to tally the votes.

Alik Ismail-Zadeh especially noted that Greece currently has severe financial and political problems due to which no National Delegate from Greece could travel to the Council Meeting and Greece is in arrears with its membership payments. However, he was informed by the Greek National Committee President Dr. Christos Zerefos that Greece will pay its dues in arrears as soon as possible.

The matters requiring votes were presented in detail in the Council Agenda Book. The results are as follows:

- Re-Admission: Greece as Regular Member (cat. 3)
  For: 26; Against: 0; Abstain: 2

- Admission: Azerbaijan as Regular Member (cat. 1)
  For: 28; Against: 0; Abstain: 0

- Admission: F.Y.R. Macedonia as Regular Member (cat. 1)
  For: 28; Against: 0; Abstain: 0

- Admission: Georgia as Associate Member
  For: 28; Against: 0; Abstain: 0

- Admission: Costa Rica as Associate Member
  For: 28; Against: 0; Abstain: 0

7. Report of the Nominating Committee

Due to health problems, Masaru Kono, Chair of the Nominating Committee, was not able to attend the Council Meeting. On his behalf, Tom Beer read his report and introduced the nominees for the IUGG Bureau and IUGG Finance Committee.

As required by IUGG By-Laws 10b and 10c, one or two candidates have been nominated for each position. The positions and the nominated candidates were:

**IUGG Bureau**

President: Harsh Gupta (India)
David Jackson (USA)

Vice-President: Michael Sideris (Canada)
Guoxiong Wu (China)

Treasurer: Aksel Hansen (Denmark)

Bureau Members (Positions #1, #2, #3):
Isabelle Jane Ansorge (South Africa)
Jaime Urrutia Fucugauchi (Mexico)
Pierre Hubert (France)
Kenji Satake (Japan)

**IUGG Finance Committee**

Position #1: Zoltan Hajnal (Canada)
Position #2: David Rhoades (New Zealand)
Position #3 and #4:
David Collins (UK)
Jan Krynski (Poland)
Juan Vilas (Argentina)

In accordance with By-Law 10b, David Jackson’s nomination was changed from the position of Vice-President, for which he had originally been nominated, to the position of President.

Regarding the nomination of the Treasurer, Tom Beer explained that this does not contradict By-Law 10a because Aksel Hansen is the sole candidate for this position and agreed to serve for another period if re-elected by the Council.
In terms of the Finance Committee, By-Law 10c is not clear enough on who can be nominated for this Committee. In order to clarify this By-Law, a change in the wording was proposed and will be discussed under item 8.

Brian Kennett (Australia) made aware of the fact that it seems possible to be Council Delegate and Finance Committee Member at the same time although both statuses have different rights in the Council.

The candidates for President and for Vice-President each gave a short presentation of their position statement.

Harsh Gupta would work to engage the younger generation of geoscientists into the activities of IUGG and Union Associations; interact with decision makers to share knowledge for a better future; cut down time in making decisions; set up a permanent secretariat for IUGG; interface with industry, particularly with the energy sector; contact foundations/trusts for IUGG projects.

David Jackson would make sure the integration of associations are really maintained. His plans if elected are: encourage young people to participate; open invitations to plan scientific programs; reduce the price of meetings; outreach to users of scientific information; special projects with user involvement; collaborate with sister unions on projects.

Michael Sideris would like to strengthen relations with UNESCO to increase IUGG’s visibility. He hopes the Union will make more efforts to boost IUGG visibility to the general public. He would promote the involvement of the Union in developing countries.

Guoxiong Wu would like to use his knowledge in climate to enhance the Union’s activities in climate sciences and to assist the President in coordinating activities concerning the preservation of the environment, adaptation of climate change and mitigation of natural hazards.

8. Proposed Changes of Statutes and By-Laws

Tom Beer invited David Kerridge, Chair of the Statutes and By-Laws Committee, to present the report given in the Council Agenda Book.

Eleven proposed changes to the Statutes and By-Laws were received by the Statutes and By-Laws Committee and were discussed in the Council. They are:

1. Affiliate membership of IUGG – to create a new category of membership to formalize linkages with other regional and international organizations having an overlap with the scientific interest of IUGG;
2. Fellowship of IUGG – to create an IUGG award and a new category of membership to recognize the contributions that individuals have made to the benefit of IUGG;
3. Definition of a General Assembly – to define the term “General Assembly” to better reflect the present situation;
4. Changes to the Statutes and By-Laws – to clarify the process by which proposals to change the Statutes and By-Laws are brought forward for consideration and decision by the Council and to explicitly allow the IUGG Bureau to propose changes as well as Member Countries;
5. Applications to host an IUGG General Assembly – to allow Member Countries to submit proposals to host an IUGG General Assembly up to two Assemblies ahead for consideration by the Council;
6. Council Meeting at a General Assembly – to correct an inconsistency in By-Law 10b regarding the Council Meeting as a single meeting consisting of multiple sessions;
7. Election of the Finance Committee – to eliminate an ambiguity in By-Law 10c to clarify who can be elected to the Finance Committee;
8. Transfer from Observer status to Category A – to simplify and clarify Statute 14g;
9. Reviews of Associate Membership – to clarify the process by which Associate Membership is reviewed;
10. Applications for membership and transfer to Associate Membership – to improve the clarity of By-Law 14;

During discussions of the changes, Tom Beer mentioned that the Executive Committee of IUGG is not in favor of the proposal to change the procedure of submission proposals to host a general assembly, as an 8-year period in advance of a general assembly is too long, and the selection would be quite uncertain.

Constantin Sava, the Council Delegate of Romania, mentioned the importance of the definition of a General Assembly and supported the change to item 3. Jérôme Dyment, the Council Delegate from France, argued that affiliated organizations should be only non-profit. Tom Beer mentioned that the new Statute’s clause does not distinguish between non-profit and profit affiliated organizations, because the acceptance of an organization as an Affiliated member by the IUGG Council should be based on scientific involvement of the organization in geodesy and/or geophysics.
XXV General Assembly of the International Union of Geodesy and Geophysics
Minutes of the Council Meeting

A vote on the proposed changes of the Statutes and By-Laws will be taken in the third session of the Council Meeting.

9. **Report on the proposals to host the XXVI General Assembly in 2015**

IUGG received six bids to host the XXVI General Assembly in 2015. As Greece had withdrawn its bid due to financial problems, five bids remained to be decided on:
- Buenos Aires, Argentina
- Prague, Czech Republic
- Copenhagen, Denmark
- Hyderabad, India
- Honolulu, USA

Michel Béland, Chair of the Site Evaluation Committee, was not able to attend the General Assembly. Therefore, Kiyoshi Suyehiro, Member of the Site Evaluation Committee, agreed to act as the new Chair. He reported that the Site Evaluation Committee is comprised of the following members:

Chair: Kiyoshi Suyehiro
Members: Peter Suhadolc
          Tom Beer (ex officio)
          Alik Ismail-Zadeh (ex officio)

The Site Evaluation Committee will meet on 30 June 2011 where each of the bidder countries will make a presentation of 20 minutes plus 10 minutes for discussion to the Site Evaluation Committee. All Council Members are encouraged to attend this meeting to have the possibility to hear all bids. The Site Evaluation Committee then will prepare a short list of two countries, which will finally present their bids at the third session of the Council Meeting. A vote on the host of the XXVI General Assembly will be taken directly after these presentations.

Zev Levin, the Council Delegate from Israel, proposed two finalists to present their bids at the Second Session of the Council meeting. This proposal was seconded by Shiro Imawaki, the Council Delegate from Japan. Tom Beer called for a vote from the Council on the motion. The motion was lost.

After all items of the Agenda for the First Session of the Council Meeting had been discussed, Dagogo Fubara, the Council Delegate from Nigeria, commented on the visibility of IUGG which could be improved by running more summer schools in developing countries because many young scientists from Africa have problems to travel to the General Assemblies. Alik Ismail-Zadeh thanked Dagogo Fubara for his comment and shortly introduced the new IUGG initiative to liaise with ICTP in order to improve the geodetic and geophysical education in developing countries, including Africa. Dagogo Fubara also supported the decision of IUGG to award medals, etc.

Finally, Tom Beer invited Gordon McBean to explain ICSU's work on capacity building for young people in the developing countries. Gordon McBean recalled his involvement in the IUGG and his present responsibilities in IRDR, a major initiative of ICSU involving national academies. ICSU has been bringing funding sources to support programs in Africa, Asia, etc. He appreciated IUGG’s and GeoUnion’s nomination of him to ICSU as a candidate for the position of President-Elect.

The First Session of the Council Meeting closed at 18:00.
### Participations

#### National Delegates

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<th>Country</th>
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<td>Argentina</td>
<td>Corina Risso, Silvia Blanc (alternate)</td>
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<td>Australia</td>
<td>Brian Kennett</td>
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<td>Austria</td>
<td>Norbert Höggerl</td>
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<td>Azerbaijan</td>
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<td>Belgium</td>
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<td>Brazil</td>
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<td>Canada</td>
<td>Zoltan Hajnal</td>
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<td>Chile</td>
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<td>China</td>
<td>Jianping Li</td>
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<td>China – Taipei</td>
<td>Shaw Chen Liu</td>
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<td>Colombia</td>
<td>Laura Sanchez</td>
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<td>Croatia</td>
<td>Mirko Orlic</td>
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<td>Czech Republic</td>
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<td>Finland</td>
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<td>France</td>
<td>Jérôme Dyment, Michel Menvielle (alternate)</td>
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<td>Germany</td>
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<td>Russia</td>
<td>Alexei D. Gvishiani</td>
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<td>Isabelle Ansorge, Raymond Roman (alternate)</td>
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<td>Spain</td>
<td>Alicia García García</td>
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<td>Sweden</td>
<td>Berit Arheimer</td>
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<td>Switzerland</td>
<td>Marc Parlange</td>
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<td>Thailand</td>
<td>Nopphadon Chotsiri, Chaiwat Promthong (alternate)</td>
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<td>Turkey</td>
<td>Onur Lenk</td>
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<td>United Kingdom</td>
<td>David Collins</td>
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<td>United States of America</td>
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*Italics for Countries in Observer Status*
Republic, Denmark, India, and the United States of America. The committee met after the hearing and individual scoring and voted for two finalists.

Tom Beer announced two finalists: Honolulu, Hawaii, USA, and Prague, Czech Republic.

10. Reports by Association Presidents
Council Delegates were asked to note the reports of the Associations available in the Council Agenda book. (Note: the quadrennial reports of the IUGG Associations can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

The IUGG Associations Presidents reported on the activities of the associations from 2007-2011 and on the revision of statutes and by-laws.

IACS
Ian Allison reported that IACS already elected a new Bureau. The new officers of the IACS Bureau for 2011-13 are:

President: Ian Allison (Australia)
President-elect: Charles Fierz (Switzerland)
Secretary General: Andrew Mackintosh (New Zealand)

IACS established several Working Groups and Standing Groups in the last four years. In addition, IACS has Joint Bodies, i.e. Working Groups or Standing Groups run jointly with other international organizations, e.g., SCAR and IASC.

Ian Allison highlighted two reference publications, namely The International Classification for Seasonal Snow on the Ground and The Glossary of Glacier and Mass Balance Terms, which are published by the UNESCO International Hydrological Programme (IHP).

Besides working together with SCAR, IASC and UNESCO IHP, IACS has also established liaisons to other international bodies, e.g., to the Intergovernmental Panel on Climate Change (IPCC) and the United Nations Framework Convention on Climate Change (UNFCCC).

The first Joint Assembly of IACS, IAMAS and IAPSO (MOCA-09) was held in Montreal, Canada, in 2009. The next Joint Assembly of IACS and IAMAS (DACA-13) will be held in Davos, Switzerland, in 2013.

IAG
Michael Sideris reported that IAG also elected a new Bureau and Executive Committee. The new officers of the IAG Bureau for 2011-2015 are:

President: Chris Rizos (Australia)
Vice-President: Harald Schuh (Austria)
Secretary General: Hermann Drewes (Germany)

Michael Sideris especially highlighted the Global Geodetic Observing System (GGOS), which became a major component of IAG in the last four years. Furthermore, a GGOS Inter-Agency Committee was established in order to support the sustainability of GGOS.

The IAG Scientific Assembly was held in Buenos Aires, Argentina, in 2009.

In the 2011 IUGG General Assembly, IAG has contributed 7 IAG led symposia, 6 joint symposia, 1 Union symposium, 1 Union lecture, and several joint symposia with other Associations. The next scientific assembly will be held in 2013, the year of 150th anniversary of IAG.

Nigerian delegate suggested IAG having a regional office in other continents, e.g. Africa. MS replied that IAG would like to have a regional office in Africa as long as there’s a host country.

IAGA
Mioara Mandea gave a report on the activities of IAGA.

She especially highlighted the IAGA Scientific Assembly held in Sopron, Hungary, in 2009, where five books on the outcome of this Assembly were published by Springer.

Mioara Mandea also mentioned that the European Space Agency (ESA) will launch a new mission to attract and involve more young scientists in 2012.

IAHS
Gordon Young first pointed out that IAHS is having its 90th anniversary in 2012.

The IAHS Scientific Assembly was held jointly with the International Association of Hydrogeologists (IAH) in Hyderabad, India, in 2009.

Gordon Young brought special attention to the decade of the Working Group on the Prediction in Ungauged Basins (PUB) being the major and extremely successful initiative of IAHS. 1400 hydrologists from around the world are currently working in this initiative.

IAHS has a very strong publication output. From 2007-2010, the IAHS Press published among others the Hydrological Sciences Journal, 31 Red Books, 2 Blue Books and 8 volumes in the Benchmark Series. Six further Red Books are already printed for the current IUGG General Assembly, two of which are joint with other sister Associations. IAHS publications, which are older than 5 years are made freely available on the internet.
Gordon Young emphasized that IAHS strongly cooperates with other international organizations especially with UNESCO IHP, the World Meteorological Organization (WMO) and the International Atomic Energy Agency (IAEA).

The next Joint Assembly of IAHS, IAPSO and IASPEI will be held in Gothenburg, Sweden, in 2013.

IAMAS
Guoxiong Wu reported on the broad activities of IAMAS. Particularly, he mentioned that IAMAS has liaisons to the ICSU Scientific Committee on Oceanic Research (SCOR), the ICSU Scientific Committee on Antarctic Research (SCAR) and to the World Climate Research Programme (WCRP). The International Ozone Commission (IO3C) of IAMAS and IUGG signed a Letter of Agreement with WMO to establish an ad hoc expert team.

He also proposed the establishment of an IUGG Union Commission on Climate as climate change becomes more and more important scientific and political issues. ICSU established several panels and activities on climate, and IUGG is very active and important in the geosciences but has only a little voice in this issue through the International Commission on Climate of IAMAS. As climate is also a multi-disciplinary science, he has approached WCRP and the Presidents of IACS, IAHS, IAPSO and IAVCEI who showed their support. In order to get this commission working, a Task Force, chaired by Tom Beer, and with the mentioned Association Presidents as potential members, is proposed to be set up. IAG, IAGA and IASPEI were asked whether they support this proposal as well and gave positive feedback.

IAPSO
Lawrence Mysak reported that IAPSO also elected its new Bureau and Executive Committee. The members of the Bureau for 2011-2015 are:

President: Eugene Morozov (Russia)
Past President: Lawrence Mysak (Canada)
Secretary General: Johan Rodhe (Sweden)
Treasurer: Fred Camfield (USA)

Lawrence Mysak emphasized that IAPSO is closely working together and has also several joint Working Groups with SCOR.

He also highlighted the presentation of the Prince Albert I Medal, which was awarded to Dr. Trevor McDougall at the IUGG General Assembly in Melbourne. The next medal will be awarded at the Joint Assembly of IAPSO, IAHS and IASPEI in Gothenburg, Sweden, in 2013.

A new resolution to adopt the International Thermodynamic Equation Of Seawater (TEOS-10) was approved by the IAPSO Bureau and will be submitted to Uri Shamir, Chair of the IUGG Resolutions Committee.

IASPEI
Zhongliang Wu reported that the last IASPEI Scientific Assembly took place in Cape Town, South Africa, in 2009. This was the first time that a Scientific Assembly was held in an African country.

He especially highlighted the Asian Seismological Commission (ASC) and the European Seismological Commission (ESC) of IASPEI, which are very active.

IASPEI issued many scientific products such as technical standards and recommendations, seismological software, training courses, earth models and travel time tables.

Furthermore, IASPEI cooperated with many international organizations, e.g., in the Global Earthquake Model (GEM) project with the International Association of Earthquake Engineering and Seismology (IAEE), and in the Networking of world seismologists project with the International Seismological Centre (ISC), in which IASPEI and ISC will develop and maintain a worldwide registry of seismologists and geophysicists (also in countries not adhering to IUGG) who are willing to act as contact points in their country with a special focus on developing countries. This registry will be available for scientific and research institutions, governmental bodies, charitable and relief organizations and media following natural extreme events. After several devastating earthquakes in the last four years, this networking project was established to improve international activity, which had not really been present.

Since 2007, IASPEI has collected, evaluated and implemented many successful resolutions.

Giuliano Panza, the Council Delegate from Italy, commented on the IUGG statement “Freedom to Conduct Science and Responsibilities of Scientists”. He stressed the importance of having complete information about the situation after the 2009 L’Aquila earthquake and the manslaughter trial of several Italian seismologists and a government official. The legal system, if duly respected, can help scientists and science in general; so a caution is needed in supporting not fully proven statements.

IAVCEI
In his report, Setsuya Nakada highlighted that IAVCEI started its own grants program in 2009.
with supporting project proposals with up EUR 20,000 each.

In addition, IAVCEI issued together with IUGG the Statement on Volcanic Ash Clouds and the Statement on Volcanological and Meteorological Support for Volcanic Ash Monitoring.

IAVCEI also issued several special publications, online textbooks and calendars.

The IAVCEI Scientific Assembly took place in Reykjavik, Iceland, in 2008.

Setsuya Nakada shortly explained the changes proposed to be made to the IAVCEI Statutes and By-Laws. The most important change is that only National Correspondents are allowed to vote on Association business. Additionally, IAVCEI removed the need to pay to become an IAVCEI member. The category of Donating Affiliate was introduced instead.

The new IAVCEI Bureau from 2011-2015, which was approved later during the IUGG General Assembly, consists of the following members:

- President: Ray Cas (Australia)
- Vice Presidents: Hugo Delgado Granados (Mexico), Steve Self (UK)
- Secretary General: Joan Martí (Spain)

The Council Delegates were asked to approve the reports. The reports were approved unanimously.

### 11. Report on Inter-Union Activities

Alik Ismail-Zadeh summarized the reports on the activities of the International Lithosphere Program (ILP) and the GeoUnions Consortium. Detailed reports can be found in the Council Agenda Book. (Note: the quadrennial report of the International Lithosphere Program can be found in the Comptes Rendus of the 2011 IUGG General Assembly).

#### International Lithosphere Program (ILP)

ILP is a joint body of IUGG and the International Union of Geological Sciences (IUGS).

- IUGG appointed two representatives to the ILP Bureau for the term 2007-2011, namely Kevin Furlong (USA) and Kalanchand Sain (India). Alan Green (Switzerland) is the joint IUGS/IUGG representative.
- ILP holds annual meetings where the results and further tasks of its Task Forces and Regional Coordinating Committees are discussed. Furthermore, an ILP award is given to young excellent scientists active within the ILP Task Forces.
- The Program is also a founding member of the International Year of Planet Earth (IYPE) and still supports it. In the context of IYPE, ILP produced a first volume, entitled *New Frontiers in Integrated Solid Earth Sciences*, which was published by Springer in a series on the highlights of the IYPE.

Alik Ismail-Zadeh especially noted that more than 800 publications, about 20 special volumes, and 2 books were published on ILP themes.

The report on the ILP activities was approved unanimously by the Council Delegates.

#### The GeoUnions Consortium

Eight ICSU Scientific Unions that focus on geosciences form the GeoUnions Consortium:

- the International Astronomical Union (IAU),
- the International Geographical Union (IGU),
- the International Union for Quaternary Research (INQUA),
- the International Society of Photogrammetry and Remote Sensing (ISPRS),
- the International Union of Geological Sciences (IUGS),
- the International Union of Soil Sciences (IUSS),
- the International Union of Radio Science (URSI), and
- IUGG.

The leaders of the Unions meet annually to coordinate their activities and to cooperate on trans-disciplinary topics. After its foundation in 2004, the Consortium is now a very strong forum. It is perceived by ICSU with great enthusiasm and viewed as a model for other Unions to follow.

A joint Science Program was developed with four topics, each led by a GeoUnion:
- Health and Well-Being (ISPRS),
- Natural Hazards and Disaster Risk (IUGG),
- Geosciences in Africa (IUGG), and
- Data and Information (IUGS).

The first three teams set up to prepare a scientific program on the topics progressed very well and received grants from ICSU. In this context, Alik Ismail-Zadeh highlighted the ICSU sponsored project on Extreme Natural Hazards and Societal Implications (ENHANS) led by IUGG and supported by many other Scientific Unions, Commissions and Committees of ICSU and the United Nations.

He finally mentioned the efforts to strengthen the collaboration between the ICSU GeoUnions and UNESCO.

### 12. Relations with ICSU

Alik Ismail-Zadeh summarized his report on the relations with the International Council for Science (ICSU). A detailed report can be found in the Council Agenda Book.

Several IUGG officers (still) have key roles within ICSU, e.g., Uri Shamir as representative of the
GeoUnions was re-elected in 2008 to the Executive Board of ICSU, Harsh Gupta was selected as a member of the ICSU Committee on Scientific Planning and Review (CSPR), Gordon McBean was nominated by IUGG for the position of the ICSU President-elect.

IUGG has been a very active participant in ICSU programs, IUGG people were selected to serve for several ICSU panels and working groups, e.g., in the Scientific Committee of the Integrated Research and Disaster Risk, the Scientific Committee of the ICSU World Data System, and the ICSU Strategic Coordinating Committee on Data and Information.

IUGG kept very good relations with the three ICSU Regional Offices, namely the Regional Office for Africa, the Regional Office for Asia and the Pacific and the Regional Office for Latin America and the Caribbean, and appointed liaisons to each of these three Offices. A Fourth Regional Office for the Middle-East Region will soon be established by ICSU, and IUGG hopes to also establish very good links to this Office.

Starting from 2012, ICSU will introduce a new dues structure, in which IUGG, being the Union with the high membership income, continues to pay (together with three other ICSU Scientific Unions) the highest membership dues to ICSU. Since the appointment of the new Director of ICSU in 2008, IUGG improved significantly relationship with the ICSU Secretariat.

Uri Shamir, Past President of IUGG and the ICSU Ordinary Board Member representing the GeoUnions cluster in ICSU, mentioned the importance of cooperation between the GeoUnions and of cooperation of the Unions with regional offices of ICSU.

No comments or questions were raised by the Council.

13. Reports from Liaisons to ICSU Commissions and Committees

In order to conserve time, Alik Ismail-Zadeh referred the Council to the reports in the Agenda Book and only briefly reviewed each of the organizations. He welcomed any comments and questions by the Council.

- Committee on Data for Science and Technology (CODATA),
- Committee on Space Research (COSPAR),
- Federation of Astronomical and Geophysical Data Analysis Services (FAGS)/ World Data System (WDS),
- ICSU Regional Office for Africa,
- ICSU Regional Office for Asia and the Pacific,
- ICSU Regional Office for Latin America and the Caribbean,
- Scientific Committee on Antarctic Research (SCAR),
- Scientific Committee on the Problems of the Environment (SCOPE),
- Scientific Committee on Oceanic Research (SCOR),
- Scientific Committee on Solar-Terrestrial Physics (SCOSTEP)

Of special note was the discontinuation of the liaison to the ICSU Scientific Committee on the Problems of the Environment (SCOPE). As SCOPE was disconnected from ICSU, the Bureau decided to not appoint a liaison to the Committee for the term 2011-2015. New liaisons were recommended and voted on in the Third Session of the Council Meeting.

No comments or questions were raised by the Council. The reports of the liaisons were accepted unanimously.

14. Reports from Liaisons to intergovernmental and other organizations

Alik Ismail-Zadeh continued to briefly review on these reports in the Council Agenda Book.

- Cartographic Office of the United Nations,
- International Civil Aviation Organization (ICAO),
- International Lithosphere Program (ILP),
- Pan-American Institute of Geography and History (PAIGH),
- UNESCO International Hydrological Programme (IHP),
- UNESCO Intergovernmental Oceanographic Commission (IOC),
- World Climate Research Programme (WCRP),
- World Meteorological Organization (WMO)

No comments or questions were raised by the Council. The reports of the liaisons were accepted unanimously.

15. Report of the IUGG Finance Committee

Juan Vilas presented the report of the Finance Committee highlighting the problem of a systematic sub-application of the budget and the recommendation by the Finance Committee to calculate the budget for the next quadrennium with a deficit. A reserve for cases of emergency should be kept.
The report of the Finance Committee was accepted by the Council.

16. Presentation of the 2012-2015 Budget

Aksel Hansen discussed the proposed budget. As recommended by the Finance Committee, the surplus of the last quadrennia as well as a reserve were taken into account in the new budget. The reserve was set at $1\frac{1}{2}$ year’s turnover.

Aksel Hansen noted that the budget proposed in the original Agenda book has been replaced by a new draft, appended to the Council Minutes. He highlighted the significant changes, then went through the budget line by line and answered questions as they were asked.

A final vote to adopt the 2012-2015 Budget took place in the Third Session of the Council Meeting.

The Second Session of the Council Meeting closed at 13:00.
**MINUTES OF THE THIRD SESSION**

**WEDNESDAY, 6 JULY 2011 (15:00 – 18:00), ROOM 203, MELBOURNE CONVENTION CENTRE**

**PARTICIPANTS**

**NATIONAL DELEGATES**

<table>
<thead>
<tr>
<th>Country</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Argentina</td>
<td>Corina Risso</td>
</tr>
<tr>
<td>Australia</td>
<td>Ian Jackson</td>
</tr>
<tr>
<td>Austria</td>
<td>Norbert Höggerl</td>
</tr>
<tr>
<td>Belgium</td>
<td>Johan De Keyser</td>
</tr>
<tr>
<td>Brazil</td>
<td>Ana P. C. Larocca</td>
</tr>
<tr>
<td>Canada</td>
<td>Zoltan Hajnal</td>
</tr>
<tr>
<td>Chile</td>
<td>Rodrigo Maturana Nadal</td>
</tr>
<tr>
<td>China</td>
<td>Jianping Li</td>
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<tr>
<td>Colombia</td>
<td>Laura Sanchez</td>
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<tr>
<td>Croatia</td>
<td>Mirko Orlic</td>
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<td>Czech Republic</td>
<td>Vladimir Cermak</td>
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<tr>
<td>Denmark</td>
<td>Soren Gregersen</td>
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<tr>
<td>Egypt</td>
<td>Ahmed Hady</td>
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<tr>
<td>Estonia</td>
<td>Rein Rõõm</td>
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<tr>
<td>Finland</td>
<td>Elena Kozlovskaya</td>
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<td>France</td>
<td>Jérôme Dyment</td>
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<td>Rainer Kind</td>
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<td>Hungary</td>
<td>József Adám</td>
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<tr>
<td>Iceland</td>
<td>Kristin Vogfjörd</td>
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<tr>
<td>India</td>
<td>Virendra Tiwari</td>
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<tr>
<td>Ireland</td>
<td>John Gamble</td>
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<td>Italy</td>
<td>Giuliano Panza</td>
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<td>Japan</td>
<td>Shiro Inawaki</td>
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<td>Korea</td>
<td>Duk-Jin Kim</td>
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<tr>
<td>Luxembourg</td>
<td>Tonie van Dam</td>
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<td>F.Y.R. Macedonia</td>
<td>Cvetanka Popovska</td>
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<td>Mexico</td>
<td>Harald Bohnel</td>
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<td>New Zealand</td>
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<td>Ulf-Peter Hoppe</td>
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<td>Pakistan</td>
<td>Noor Elahi</td>
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<td>Portugal</td>
<td>João Agria Torres</td>
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<td>Constantin Sava</td>
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<td>Russia</td>
<td>Alexei D. Givishani</td>
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<td>Slovak Republic</td>
<td>Jozef Brestenský</td>
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<td>South Africa</td>
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<td>Spain</td>
<td>Alicia García García</td>
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<td>Sweden</td>
<td>Berit Arheimer</td>
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<td>Thailand</td>
<td>Nopphadon Chotsiri</td>
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<td>Turkey</td>
<td>Onur Lenk</td>
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<tr>
<td>United Kingdom</td>
<td>David Collins</td>
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<tr>
<td>USA</td>
<td>Priscilla Grew</td>
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<tr>
<td>Vietnam</td>
<td>Ha Duyen Chau</td>
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<tr>
<td><strong>Italics for Countries in Observer Status</strong></td>
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**LISTENERS**

<table>
<thead>
<tr>
<th>Country</th>
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</thead>
<tbody>
<tr>
<td>Costa Rica</td>
<td>Marino Protti</td>
</tr>
</tbody>
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**MEMBERS OF THE EXECUTIVE COMMITTEE**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
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</thead>
<tbody>
<tr>
<td>President</td>
<td>Tom Beer</td>
</tr>
<tr>
<td>Vice-President</td>
<td>Harsh Gupta</td>
</tr>
<tr>
<td>Secretary General</td>
<td>Alik Ismail-Zadeh</td>
</tr>
<tr>
<td>Treasurer</td>
<td>Aksel Hansen</td>
</tr>
<tr>
<td>Member</td>
<td>Yun-tai Chen</td>
</tr>
<tr>
<td>Member</td>
<td>David Jackson</td>
</tr>
<tr>
<td>Asst. Secretary General</td>
<td>Simone Oswald</td>
</tr>
<tr>
<td>Past President</td>
<td>Uri Shamir</td>
</tr>
<tr>
<td>President IAG</td>
<td>Michael Sideris</td>
</tr>
<tr>
<td>President IAGA</td>
<td>Egil Friis-Christensen</td>
</tr>
<tr>
<td>President IAHS</td>
<td>Gordon Young</td>
</tr>
<tr>
<td>President IAMAS</td>
<td>Guoxiong Wu</td>
</tr>
<tr>
<td>President IAPSO</td>
<td>Lawrence Mysak</td>
</tr>
<tr>
<td>President IAVCEI</td>
<td>Setsuya Nakada</td>
</tr>
</tbody>
</table>

**MEMBERS OF THE FINANCE COMMITTEE**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chair</td>
<td>Juan Francisco Vilas</td>
</tr>
</tbody>
</table>

**GUESTS OF THE PRESIDENT ATTENDING THE THIRD SESSION OF THE COUNCIL**

<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>IAG Secretary General - elect</td>
<td>Christophe Cudennec</td>
</tr>
<tr>
<td>IAG Secretary General</td>
<td>Hermann Drewes</td>
</tr>
<tr>
<td>Presenter IUGG 2015 bid for the U.S.</td>
<td>Jeff Freymueller</td>
</tr>
<tr>
<td>Presenter IUGG 2015 bid for the Czech Republic</td>
<td>Petr Holota</td>
</tr>
<tr>
<td>IAGS Secretary General</td>
<td>Pierre Hubert</td>
</tr>
<tr>
<td>Chair of Statutes and By-Laws Committee</td>
<td>David Kerridge</td>
</tr>
<tr>
<td>Secretary General of the Russian National Committee</td>
<td>Roman Krasnoperov</td>
</tr>
<tr>
<td>IACS Secretary General</td>
<td>Manfred Lange</td>
</tr>
<tr>
<td>IAMAS Assistant Secretary General</td>
<td>Jenny Lin</td>
</tr>
<tr>
<td>IUGG Liaison to SCOR</td>
<td>Mike MacCracken</td>
</tr>
<tr>
<td>IAGA Secretary General</td>
<td>Mioara Mandaea</td>
</tr>
<tr>
<td>IAG Vice-President</td>
<td>Harald Schuh</td>
</tr>
<tr>
<td>IASPEI Secretary General</td>
<td>Peter Suhadolc</td>
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<tr>
<td>Presenter IUGG 2015 bid for the Czech Republic</td>
<td>Pavel Susak</td>
</tr>
<tr>
<td>Presenter IUGG 2015 bid for the Czech Republic</td>
<td>Daniel Svarc</td>
</tr>
<tr>
<td>Deputy Director, BISO, National Academies of Sciences</td>
<td>Ester Sztein</td>
</tr>
<tr>
<td>IAMAS Secretary General</td>
<td>Hans Volkert</td>
</tr>
<tr>
<td>Presenter IUGG 2015 bid for the U.S.</td>
<td>Brenda Weaver</td>
</tr>
</tbody>
</table>

The Third Session of the Council Meeting was called to order at 15:00 with a roll call of delegates. 43 delegates were present at the opening, 42 eligible to vote. The quorum (19) was reached.
Delegates from Azerbaijan, China-Taipei, Israel, Nigeria, and Switzerland had deposited their votes with the IUGG President for matters to be taken up at the Third Session. One Delegate was not able to vote. Therefore, 46 votes were cast.

Manfred Lange, Jenny Lin, Peter Suhadolc and Raymond Roman were appointed as tellers.

Tom Beer also reminded the Council Delegates about the Closing Ceremony taking place on 7 July from 16:30-18:00 followed by a farewell reception.

Tom Beer invited the National Committees having given note to the Secretary General that they wish to present their National Reports to hold their presentations during the time the votes were being cast. Alexei Gvishiani (Russia), Onur Lenk (Turkey), Constantin Sava (Romania) and Virendra Tiwari (India) shortly presented their respective National Reports. Following a request from the Hungarian Council Delegate, Tom Beer also recommended the Council Delegates to check their pigeonholes for an announcement of the Hungarian National Report.

17. Adoption of the 2012-2015 Budget

The Council was asked to vote on the 2012-2015 Budget presented in the Second Session of the Council Meeting. Votes on financial matters are weighted by category. The results are given below.

<table>
<thead>
<tr>
<th></th>
<th>For</th>
<th>Against</th>
<th>Abstain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harsh Gupta</td>
<td>27</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>David Jackson</td>
<td>19</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Michael Sideris</td>
<td>31</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Guoxiong Wu</td>
<td>14</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

The 2012-2015 Budget was adopted.

18. Election of IUGG Officers

The Council was asked to elect the IUGG Officers for the term 2012-2015. All candidates were announced in the First Session of the Council Meeting. No further comments or questions were asked by the Council. This vote requires a simple majority of all ballots cast. For the position of President, Harsh Gupta was elected. For the position of Vice-President, Michael Sideris was elected. The three Bureau Members elected are Isabelle Ansorge, Pierre Hubert and Kenji Satake. David Collins, Zoltan Hajnal, Jan Krynski and David Rhoades are the elected Finance Committee members for the term 2011-2015. The actual vote tallies are given below:

<table>
<thead>
<tr>
<th>Candidate</th>
<th>For</th>
<th>Against</th>
<th>Abstain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harsh Gupta for President</td>
<td>27</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>David Jackson for President</td>
<td>19</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Michael Sideris* for Vice-President</td>
<td>31</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Guoxiong Wu</td>
<td>14</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

* 1 ballot for the vote of the Vice-President was invalid.

19. Presentations of the proposals to host the XXVI General Assembly. Selection of the venue of the XXVI General Assembly.

Out of five bids to host the XXVI IUGG General Assembly, the two finalists chosen by the IUGG Site Evaluation Committee at their meeting on 30 June were Honolulu, USA, and Prague, Czech Republic. Tom Beer invited the presenters of the respective bids to give a short presentation of five minutes to the Council.

Following this, the Council was asked to vote on these two venues. The results were as follows:

<table>
<thead>
<tr>
<th>2015 GA venue</th>
<th>Votes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Honolulu, USA</td>
<td>20</td>
</tr>
<tr>
<td>Prague, Czech Republic</td>
<td>26</td>
</tr>
</tbody>
</table>

The XXVI IUGG General Assembly will take place in Prague, Czech Republic.

20. Vote on proposed changes of Statutes and By-Laws

Before the vote on each proposed change to the IUGG Statutes and By-Laws, David Kerridge answered last questions that arose. Except for the proposal on the applications to host an IUGG General Assembly, all proposed changes were accepted by the Council. The changes to the Statutes and By-Laws come into effect directly after the close of the General Assembly. The results of each vote are given below:

<table>
<thead>
<tr>
<th>Proposal</th>
<th>For</th>
<th>Against</th>
<th>Abstain</th>
<th>Invalid ballots</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Affiliate membership</td>
<td>36</td>
<td>5</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>2. Fellowship</td>
<td>44</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>
Alik Ismail-Zadeh presented the following table of proposed liaison appointments to the Council. As noted in item 13, the liaison to SCOPE will be discontinued. Tom Beer then asked the Council to approve the appointments and there was no dissent.

<table>
<thead>
<tr>
<th>Organization</th>
<th>Liaisons 2011-2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.N. Cartographic Office</td>
<td>Luiz Paulo Souto Fortes (BRAZIL)</td>
</tr>
<tr>
<td>UNESCO IHP</td>
<td>Pierre Hubert (FRANCE)</td>
</tr>
<tr>
<td>UNESCO IOC</td>
<td>Stefania Sparnocchia (ITALY)</td>
</tr>
<tr>
<td>WMO</td>
<td>Arthur Askew (SWITZERLAND)</td>
</tr>
<tr>
<td>ICAO</td>
<td>William Rose (USA)</td>
</tr>
<tr>
<td>PAIGH</td>
<td>Hermann Guflanti (USA)</td>
</tr>
<tr>
<td>CCTF</td>
<td>Claude Boucher (FRANCE)</td>
</tr>
<tr>
<td>CODATA</td>
<td>Alexei Gvishiani (RUSSIA)</td>
</tr>
<tr>
<td>COSPAR</td>
<td>Eric Donovan (CANADA)</td>
</tr>
<tr>
<td>IRDR</td>
<td>Kuniyoshi Takeuchi (JAPAN)</td>
</tr>
<tr>
<td>ICSU Regional Office for Asia</td>
<td>Isabelle Ansoerge (SOUTH AFRICA)</td>
</tr>
<tr>
<td>ICSU Regional Office for Africa and the Pacific</td>
<td>Sukanta Roy (INDIA) Sri Widiyantoro (INDONESIA)</td>
</tr>
<tr>
<td>ICSU Regional Office for Latin America and the Caribbean</td>
<td>Jaime U. Fucugauchi (MEXICO)</td>
</tr>
<tr>
<td>SCAR</td>
<td>Ian Allison (AUSTRALIA)</td>
</tr>
<tr>
<td>SCOR</td>
<td>Athena Coustenis (FRANCE)</td>
</tr>
<tr>
<td>SCOSTEP</td>
<td>Vladimir Kuznetsov (RUSSIA)</td>
</tr>
<tr>
<td>WCRP</td>
<td>Tom Beer (AUSTRALIA)</td>
</tr>
<tr>
<td>WDS</td>
<td>Ruth Neilan (USA)</td>
</tr>
</tbody>
</table>

22. Presentation and adoption of the Resolutions

Uri Shamir, Chair of the Resolutions Committee, began his report by introducing the members of the Resolutions Committee: Jozsef Adam, Pierre Hubert, and Georg Kaser. Associations had been asked to submit their Resolutions to the Resolutions Committee. Each Resolution was then examined by the Resolutions Committee and carefully considered by the IUGG Executive Committee before being brought to the Council. Four Resolutions plus one traditional Resolution of Thanks of IUGG to all organizers of the 2011 General Assembly were put on screen, read and commented by Uri Shamir. He welcomed questions and comments by the Council. All Resolutions were reviewed in British English. Pierre Hubert translated all Resolutions into French (Français du Midi).

[The final versions of the Resolutions that were adopted will be presented in the Comptes Rendus as a separate section.]
Resolution 1: Standardised schemes for the terminology for glacier mass balance measurements and for classification of snow on the ground, submitted by IACS.

Resolution 2: Gravity and magnetic field satellite missions, submitted by IAG and IAGA and endorsed by the Union Commission on the Study of the Earth’s Deep Interior (SEDI).

Resolution 3: Second Realization of the International Celestial Reference Frame, submitted by IAG.

Resolution 4: Adoption of the International Thermodynamic Equation Of Seawater – 2010 (TEOS-10), submitted by IAPSO.

Resolution 5: Thanks.

Following brief discussion, Tom Beer asked the Council to vote on the Resolutions. The Resolutions passed with one abstention.

Uri Shamir also noted that several Resolutions and Statements were adopted by the IUGG Executive Committee during the inter-General Assemblies period, which are:

- Special Resolution "Science on Natural Hazards and Environmental Disasters", 29 January 2010
- Statement "Volcanic Ash Clouds", 20 April 2010
- Statement "Volcanological and Meteorological Support for Volcanic Ash Monitoring", 28 May 2010
- Statement "Freedom to Conduct Science and Responsibilities of Scientists", 28 June 2010
- Statement "The Great East Japan Earthquake and Tsunami", 18 April 2011

There was no dissent by the Council.

Closing remarks

Tom Beer thanked all Council Members, Committees and organizers of the General Assembly for their help and assistance to make the Assembly such a success. He invited all Members to make their comments for the improvement of future General Assemblies known to IUGG.

Tom Beer reminded the Council about the Closing Ceremony where the video of IUGG will be shown again.

Tom Beer declared that the Council of Delegates to the XXV General Assembly was adjourned at 18:00.
### IUGG Budget 2012 - 15, approved 6 July 2011, Melbourne

Based on discussions at Bureau meetings in Cairo, 2010, and in Melbourne. Approved by Finance Committee and Executive Committee in Melbourne, 2011.

All figures, except the value and number of units, are in thousands of US dollars.

#### Total

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#### INCOME

1. MEMBERSHIP DUES | 481.3 | 495.0 | 504.6 | 514.2 | 522.5 | 2036.3 |
2. ASSEMBLY SURCHARGE | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 | 20.0 |
3. SALES OF PUBLICATIONS, ETC | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.8 |
4. MISCELLANEOUS (interest) | 12.5 | 12.5 | 12.5 | 12.5 | 12.5 | 50.0 |
5. ICSU GRANTS | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 |

#### 6. TOTAL INCOME

| | 537.7 | 517.3 | 526.9 | 555.2 | 2137.1 |

#### EXPENDITURES

11. ADMINISTRATION | 104.0 | 119.0 | 104.0 | 143.0 | 240.0 |
11.1 Personnel | 20.0 | 20.0 | 20.0 | 20.0 | 80.0 |
11.2 Equipment | 5.0 | 5.0 | 5.0 | 5.0 | 20.0 |
11.3 Supplies | 5.0 | 5.0 | 5.0 | 5.0 | 20.0 |
11.4 Communication | 8.0 | 8.0 | 8.0 | 8.0 | 32.0 |
11.5 Travel, organizational | 50.0 | 65.0 | 50.0 | 70.0 | 235.0 |
11.6 Miscellaneous | 1.0 | 1.0 | 1.0 | 5.0 | 8.0 |
11.7 Travel, representative | 15.0 | 15.0 | 15.0 | 30.0 | 75.0 |

12. NEW INITIATIVES | 60.0 | 60.0 | 60.0 | 60.0 | 240.0 |
12.1 Education and outreach | 30.0 | 30.0 | 30.0 | 30.0 | 120.0 |
12.2 Science | 30.0 | 30.0 | 30.0 | 30.0 | 120.0 |

13. ASSEMBLIES | 0.0 | 0.0 | 0.0 | 70.0 | 70.0 |
13.1 Organization | 0.0 | 0.0 | 0.0 | 10.0 | 10.0 |
13.2 Travel Grants | 0.0 | 0.0 | 0.0 | 60.0 | 60.0 |

14. SYMPOSIA | 30.0 | 30.0 | 30.0 | 0.0 | 90.0 |
14.1 Symposia | 30.0 | 30.0 | 30.0 | 0.0 | 90.0 |

15. ASSOCIATIONS | 240.6 | 247.5 | 252.3 | 257.1 | 997.5 |
15.1 Allocations | 240.6 | 247.5 | 252.3 | 257.1 | 997.5 |
16. DUES | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |
16.1 ICSU | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |

17. ICSU GRANTS | 30.0 | 30.0 | 30.0 | 30.0 | 90.0 |
17.1 gEY-Africa | 30.0 | 30.0 | 30.0 | 30.0 | 90.0 |
18. UNION ACTIVITIES | 93.0 | 93.0 | 93.0 | 93.0 | 372.0 |
18.1 GRC, SEDI, CMG, UCDI | 18.0 | 18.0 | 18.0 | 18.0 | 72.0 |
18.2 Inter-Union Science (ILP) | 15.0 | 15.0 | 15.0 | 15.0 | 60.0 |
18.3 Liaison Officers | 30.0 | 30.0 | 30.0 | 30.0 | 120.0 |
18.4 International Scientific Programs | 25.0 | 25.0 | 25.0 | 25.0 | 100.0 |
18.5 New commissions | 5.0 | 5.0 | 5.0 | 5.0 | 20.0 |

19. COUNTRIES IN Need | 0.0 | 0.0 | 0.0 | 90.0 | 90.0 |
19.1 Travel Grants, General Assemblies | 0.0 | 0.0 | 0.0 | 90.0 | 90.0 |

20. FEES | 8.0 | 8.0 | 8.0 | 8.0 | 32.0 |
20.1 Professional Services | 5.0 | 5.0 | 5.0 | 5.0 | 20.0 |
20.2 Bank Fees | 3.0 | 3.0 | 3.0 | 3.0 | 12.0 |

21. CONTINGENCIES | 5.0 | 5.0 | 5.0 | 5.0 | 20.0 |

22. TOTAL EXPENDITURES | 595.6 | 587.5 | 577.3 | 751.1 | 2511.5 |

23. BALANCE 12/31 | 708.7 | 638.5 | 588.1 | 392.2 |