

## **Fostering developed-developing country partnerships for the advancement of global volcano science**

The IAVCEI Developing Nations Network has been established with the aim of supporting scientists working in a resource-constrained context to collaborate with the global community of volcanologists. The facilitation of respectful partnerships between scientists in developed and developing countries will promote both the creation and sharing of information, knowledge and tools in a sustainable way to bridge the gap in these data-sparse regions.

Scientists from developing nations can encounter barriers to actively participating in the international volcanological community. These barriers can include the cost to attend international conferences, the cost to publish in scientific journals, the lack of redundancy in personnel resources to allow attendance at training and workshops. In turn these barriers can limit abilities to contribute to dialogue on strategic priorities. In addition, limited visibility in the international community can hinder open discussion and influence of the focus of scientific studies relating to their own country, or to even equally present the results of their own studies. This imbalance in the representation for example at scientific meetings or in scientific publications between scientists from developed nations and developing ones can lead to a bias in our understanding of the current status of scientific study and knowledge gaps globally and to reinforce the on-going widening of the inability of scientists in developing countries to contribute equally to the scientific dialogue. Furthermore these detriments can be amplified where scientists in developed countries undertake work in developing countries without appropriate engagement or consultation with locally operating scientists, potentially presenting results that can even influence the ability and direction of future work by local scientists, without having realised the possible impacts. The recent establishment of a Developing Nations Network (DNN) for volcano scientists, under the umbrella of IAVCEI, seeks to promote genuine and respectful international collaboration in volcanology in a sustainable and mutually beneficial way and to facilitate access to tools and methods to grow capability in developing countries. In these initial stages we seek to hold a meeting to i) discuss and formalise the priorities of the network; and ii) to discuss and develop a set of best practice guidelines for volcano scientists working in the developing world. It is vital that attendance and contribution of scientists from developing nations be promoted and facilitated in these discussions; this proposal seeks funding to support this attendance.