

IUGG – General Assembly, Melbourne, June 28-July 7, 2011

Report on IAGA activities by Luigi Vigliotti (Italian Delegate)

The IAGA was involved in the IUGG meeting by organizing 16 symposia plus 5 joined symposia. Furthermore the association Co-sponsored additional 21 symposia covering a wide range of topics of interest for other associations.

IAGA SYMPOSIA

- A01 Planetary Magnetic Fields and Geomagnetic Secular Variation (5 sessions; 27 oral presentations)
- A02 Electromagnetic Induction (5 sessions, 23 oral presentations, 13 posters)
- A03 Paleomagnetism (6 sessions; 25 oral presentations, 9 posters)
- A04 Rock Magnetism (11 sessions; 48 oral presentations, 8 posters)
- A05 Electrodynamics and energetic of the middle atmosphere and lower thermosphere: the local and global picture (4 sessions; 24 oral presentations)
- A06 Coupling in the atmosphere-ionosphere-magnetosphere system and its response to external forcing and forcing from below (18 sessions, 88 oral presentations; 21 posters)
- A07 Radiation belt dynamics and remote sensing of the Earth's plasmasphere (7 sessions; 40 oral presentations, 14 posters)
- A08 Space plasma processes (8 sessions, 44 oral presentations, 13 posters)
- A09 Magnetosphere-ionosphere coupling (19 sessions, 110 oral presentations; 16 posters)
- A10 The Sun and the Heliosphere: New Views (11 sessions, 64 oral presentations, 8 posters)
- A11 The Sun and the Heliosphere: Physical Processes (9 sessions, 52 oral presentations, 7 posters.)
- A12 Space Weather and Space Climate (11 sessions, 62 oral presentations, 23 posters)
- A13 Magnetic observations from ground to space – ingredients for new geomagnetic research (6 sessions 33 oral presentations, 9 posters)
- A14 Lithospheric field and related geological/tectonic implications (8 sessions, 33 oral presentations, 8 Posters)
- A15 Reporter's Review (8 session, 46 oral presentations)
- A16 History sessions focused on IAGA subdisciplines (2 sessions, 8 oral presentations, 8 posters)

JOINT SYMPOSIA

- J-A01 Fluids in the crust and mantle: Geodynamic and seismological consequences - geophysical and geological constraints
- J-A02 Climate and Weather of the Sun-Earth System - CAWSES –II early results
- J-A03 Long-term changes in the stratosphere, mesosphere, thermosphere and ionosphere
- J-A04 Electromagnetic oscillations from space to Earth: Celebrating 150 years and recent developments in ultra-low frequency wave research
- J-A05 Data rescue, digitisation and metadata requirements in geophysics

CO-SPONSORED SYMPOSIA

- U-03 Recent Progress in the Studies of the Earth's Deep Interior
- U-04 Progress and Perspectives in Studies of the Continental Lithosphere
- U-05 Data Science/Informatics and Data Assimilation in Geophysical Models

- U-07 Mathematical tools in Geophysical Modelling
- U-10 Climate Change: a 360 Degree-View from IUGG Associations
- U-11 Earth and Space Science in Africa
- U-12 Geosciences and the Future of Planet Earth
- J-G03 History of Geosciences from Terrestrial to Spaceborne Observations
- J-G05 Integrated Earth Observing Systems
- J-M02 Data assimilation and ensemble forecasting for weather and climate
- J-M09 External forcing from above on the middle atmosphere and lower ionosphere
- J-M12 Thunderstorms: from troposphere to mesosphere and beyond
- J-S03 Scientific Results from Seafloor Networks
- J-S04 Physics and Chemistry of Earth Materials with Implications for Earth Structure and Processes
- J-S07 Antarctic and Arctic Research
- J-S09 Electromagnetic Studies of Earthquakes, Active Faulting and Tsunamis
- J-S10 Electromagnetic studies of active processes using space technology
- J-S11 Imaging and monitoring active volcanoes and geothermal fields by ElectroMagnetic (EM) and other geophysical techniques
- J-S12 Towards short-term earthquake prediction - Electromagnetic and other possible precursors and their generation mechanisms
- J-V02 Forecasting and Monitoring Volcanic Eruptions
- J-V07 Using Paleomagnetism to Understand Volcanic Processes

The J-V07 symposia (Using Paleomagnetism to Understand Volcanic Processes) co-sponsored with the IAVCEI had among the lead conveners Massimo Mattei (University Roma-3)

The participation to the IUGG-GA was estimated in about 3500 participants with 2683 oral presentations and 5971 abstracts. The number of scientists attending the meeting was significantly lower with respect to the last Assembly that recorded the presence of 4375 delegates. In spite of this decrease IAGA was again the largest association in terms of number of registrants (About 650).

Business meetings

Two conferences (2nd and 6th July) of the IAGA delegates were organized in the framework of the IUGG General Assembly.

First meeting (2nd July)

27 Chief Delegates were present from the 35 voting member countries that had sent

accreditation letters. A quorum of Delegates (at least half) was therefore present and the meeting could proceed.

President Friis-Christensen gave his report to the Delegates. No questions arose.

The Secretary General reported on the actions of the Executive Committee since the previous Conference in 2009.

The report from the IAGA Finance Committee was presented. A few questions and comments arose. A. Gvishiani has noted that no travel money has been spent for EC members, which is a very good thing. However, this option must not be an impediment for EC members who have no funds and need to travel for IAGA meetings. Also, he indicated that some Associations have a huge

reserve from publications, so the next IAGA EC should consider further publications. F. Lowes indicated that Springer has gained significant benefit from the IAGA book series. E. Petrovsky underlined that the benefit has been also for IAGA, and for authors, through the publications of their chapters. I. Cairns pointed out that the external audit has to be done before the next GA, in order to fulfill IUGG requirements.

The report of the Nomination committee was presented. The voting scheme proposed by D. Kerridge was accepted.

The report on the preparation for the IAGA 2013 SA was presented.

Medals and awards

Bengt Hultqvist received the IAGA Medal for Outstanding Long Service, with an introduction on his long activities within IAGA given by the President. Five Young Scientists received an award and one was given to Gilda Currenti (University of Catania),

Business

The proposed changes to the SBL were accepted unanimously.

Resolutions Committee: The CoD confirmed the EC nomination of Kathy Whaler (chair), Michel Menvielle and Toshihiko Iyemori.

Second meeting (6th July)

Thirty of the thirty-six accredited Chief Delegates were present at the meeting so a quorum was present.

The Secretary General reported the skeleton programme for the next IAGA Scientific Assembly that will be held in Merida (Mexico) in september 2013. This programme planning will be defined following the suggestions of the IAGA Divisions.

BUSINESS

Resolutions

Draft resolutions from the IAGA 2009 Scientific Assembly were presented by the

Chair of the Resolutions Committee, Kathy Whaler

Election of Officers for the 2011 - 2015 Quadrennium

The election process was done using the scheme provided by David Kerridge, leader of the Nomination Committee. The newelected EC is:

President: Kathryn Whaler (UK):

Vice-President: Eduard Petrovsky (Czech Republic)

Members:

Laszlo Szarka (Hungary)

Archana Bhattacharyya (India)
Iver Cairns (Australia)
Jeffrey Forbes (USA)
Toshihiko Iyemori (Japan)
Monika Korte (Germany)
Yau, Andrew (Canada)