



IN THIS ISSUE

Foreword.....	1
XXV IUGG2011 General Assembly in Melbourne	1
8 th ASC General Assembly in Hanoi, Vietnam	3
Meetings Calendar	4
General Information about IASPEI.....	5



The XXVth General Assembly of the IUGG Melbourne, Australia, 2011

(See www.iugg2011.com)

Foreword



Dear readers,

The deadlines for the grant applications and the abstract submissions related to the IUGG2011 General Assembly in Melbourne are almost there! Please act

IMMEDIATELY, register and send your abstract NOW!

I have adapted much of the information contained in the last IUGG Newsletter regarding the conference for your perusal. A report on the ASC Hanoi conference is also included in this issue, as well as other information you might find useful.

Peter Suhadolc
Secretary General

Please note:

I am sending out the Newsletter as an attachment to an e-mail, trying to limit its size. It can also be downloaded from the IASPEI website:

<http://www.iaspei.org/newsletters/newsletters.html>

The IASPEI Newsletter is distributed to National Correspondents and other national representatives we know of, to all IASPEI officers, to IASPEI scientists who attended recent IASPEI Assemblies, and to various research organisations in countries around the world.

Invitation

Prof. Ray Cas, the Chair of the Local Organising Committee, on behalf of the Australian Academy of Science and the Royal Society of New Zealand invites you to attend the next General Assembly from 27 June to 8 July 2011 in Melbourne, Australia. The conference will be held in the new Melbourne Convention and Exhibition Centre positioned in the middle of the city. (more information is at <http://www.mcec.com.au/>). This is the only 6 Star Green Star environmentally rated convention centre in the world and offers IUGG attendees the advantage of having all the sessions conveniently held in the one building.

The IUGG General Assembly is held every four years and provides the only opportunity for international scientists from all 69 member countries and from all eight of the International Scientific Associations that comprise the IUGG to come together to share their latest scientific discoveries. Each of the Associations, as well as the Union, has prepared an exciting scientific program of lectures and symposia: outstanding plenary speakers, state of the art symposia, a compelling keynote speakers program, and the highlight of IUGG conferences, an interdisciplinary, inter-association program of symposia addressing major scientific issues of global and regional significance and concern.

This will be the first time that the General Assembly has been held in Melbourne – considered one of the safest and most livable cities in the world – and only the second time that it has been held in Australia. The previous occasion being the outstandingly successful XVII General Assembly in Canberra in 1979. Australia

and New Zealand are ideal destinations for holidays and tourism, offering exotic touring opportunities. The indigenous Aboriginal culture of Australia and the Maori culture of New Zealand are unique in the world.

Earth on the Edge: Science for a Sustainable Planet

The scientific theme for the General Assembly is Earth on the Edge: Science for a Sustainable Planet. The IUGG President has invited nine of the world's leading geo-scientists to present Plenary Lectures on the topic:

Greg Ayers of the Australian Bureau of Meteorology, Melbourne, Australia.

Dan Baker of the University of Colorado, Boulder, USA.

Anny Cazenave of Centre National d'Etudes Spatiales in Toulouse, France.

Tom Jordan of the University of South California, Los Angeles, USA.

Brian Kennett of the Australian National University, Canberra, Australia.

Demetris Koutsoyiannis of the National Technical University of Athens, Greece.

Markus Rothacher of ETH Zurich, Switzerland.

Steve Self of the U.S. Nuclear Regulatory Commission, Alameda, USA.

David Vaughan of the British Antarctic Survey, Cambridge, UK.

Further information is available at <http://www.iugg2011.com/speakers.asp>

Key Dates

Conference & IUGG key dates

Monday 17 January – Abstract closing date for grant applicants

Tuesday 1 February – Abstract closing date

Tuesday 1 February – Adhering Bodies to notify the name of their Council delegate and delegates to the Association Plenaries

Sunday 27 March – Due date for further nominations of candidates for IUGG Officers

Monday 28 March – Authors and Grant applicants notified of acceptance

Monday 11 April – Author / Grant applicants registration & early bird deadline

Sunday 26 June – IUGG Bureau and Executive Committee meeting

Monday 27 June – First IUGG Council Meeting

Friday 1 July - IUGG Bureau and Executive Committee meeting

Saturday 2 July - Second IUGG Council Meeting

Tuesday 5 July - IUGG Bureau and Executive Committee meeting

Wednesday 6 July - Final IUGG Council Meeting

Friday 8 July – First meeting of the new IUGG Bureau and Executive Committee.

Candidates for election as IUGG Bureau Members, Association Presidents and Association Secretaries-General are requested to ensure that they remain until 8 July to take part in the first meeting of the new Executive Committee.

Friday 8 July – Field trips

IASPEI key dates

Wednesday 29 June – Bureau and Executive Meetings
Thursday 30 June – IASPEI Opening Plenary, IASPEI symposia start

Thursday 30 June to Saturday July 2 – Commission Meetings

Saturday July 2 – Executive & Commission Chairs Meeting

Monday 4 July - IASPEI Closing Plenary, IASPEI Gala Dinner

For all abstract submission and registration details, go to: www.iugg2011.com.

The Science Program

The Scientific Program of the XXVth General Assembly of the IUGG will run from **Tuesday 28 June until Thursday 7 July**. Each day will consist of four 90-minute sessions and one poster session (excluding the first Tuesday and the second Thursday). The Tuesday afternoon session of the first week will be the opening ceremony, the Thursday afternoon session of the second week is the closing ceremony, and three morning sessions will have plenary presentations. The 2011 Scientific Program of IUGG includes three categories of symposia and a number of workshops on a wide range of geophysical themes. These include:

* **Union Symposia** which cover a wide range of themes of concern to the eight Associations. Invited speakers feature in these Symposia, supported by poster presentations selected by the convenors from those submitted. Several of the Union Symposia (denoted using the letter code U) are expanded or followed in greater depth in Joint Symposia or in Association Symposia.

* **Joint Symposia** with keynote speakers and scientists whose presentations (which consist of oral and poster presentations) are accepted by the session convenors. The themes have been devised by at least two Associations, one of which is the lead Association. Some Joint Symposia are developed further separately in Association Symposia and Workshops.

* **Association Symposia** with keynote speakers and scientists whose presentations (which consist of oral and poster presentations) are accepted by the session convenors. The eight Associations, and the single letter code used to identify them, are:

C - IACS - International Association of Cryospheric Sciences

G - IAG - International Association of Geodesy

A - IAGA - International Association of Geomagnetism and Aeronomy

H - IAHS - International Association of Hydrological Sciences

M - IAMAS - International Association of Meteorology and Atmospheric Science

P - IAPSO - International Association for the Physical Sciences of the Oceans

S - IASPEI - International Association of Seismology and Physics of the Earth's Interior

V - IAVCEI - International Association of Volcanology and Chemistry of the Earth's Interior

For the scientific program outline, go to: www.iugg2011.com.

Field Trips

The Local Organising Committee has prepared an exciting group of field trips that deal with volcanology, tsunamis, seismology, and the cryosphere and include studies in the Philippines, Indonesia, Papua New Guinea, Vanuatu, New Zealand and Australia as shown in the map below. Information can be found at:

<http://www.iugg2011.com/fieldtrips.asp#ft1>



8th General Assembly of the Asian Seismological Commission Hanoi, Vietnam

The 8th General Assembly of the Asian Seismological Commission was held during November 8-10, 2010 in Hanoi, Vietnam.

There were 287 delegates from 32 countries who participated in the well-organized conference that had its venue at the Vietnam Academy of Science and Technology. Some, 70 participants received full or partial grants from the LOC. There were 208 abstracts printed in the *ASC2010 Programme and Abstracts*; 150 posters and 117 reports were scheduled. The gala dinner on the boat cruising the big Hanoi lake was unforgettable.



The conference was preceded by a Pre-Assembly Training Course on Seismic Hazards and Disasters in Asia, attended by 20 participants. The lecturers were: Fabio Romanelli, Nguyen Hong Phuong, Alexis Drogoul, Yongxian Zhang, Changsheng Jiang and Yuzo Ishikawa.

Eleven participants took part in the Post-Assembly Field Trip to the Red River Fault Zone (November 11 – 13, 2010). Evidence of seismic activities along the Red River fault zone (its Vietnamese segment) during the late Tertiary-Quaternary period were presented through the tectonic evolution, by structural analysis of fractured pebbles in Miocene conglomerates, and Morphotectonic study of active faults.

The ASC Bureau remained unchanged, under the leadership of prof. Kazuro Hirahara, Japan. The ASC Bureau accepted with thanks the invitation by prof. S. Demberel, Mongolia, to hold its 9th General Assembly in Ulaan Bataar, Mongolia.

Job Opportunities

Research chairs, University of Leicester

There are three positions being advertised at the University of Leicester, which you can view on their personnel web page at:

<http://www2.le.ac.uk/offices/personnel/>

Under "Department" choose Department of Geology.

The positions are:

SEN00127: Two Research Chairs

As part of a major strategic initiative we seek to appoint two new research-led professors to further strengthen our internationally renowned Department of Geology. We offer the opportunity to join our lively Department, which has recognised strengths in research and teaching.

For each position we wish to appoint strong international researchers to complement and enhance our research in one or more of the following areas:

- Palaeobiology
- Resource and/or Environmental Geology
- Sedimentology
- Solid Earth Geophysics or Petrophysics
- Tectonics and Crustal Evolution
- Volcanic and Magmatic Processes

You will have an outstanding academic record including internationally excellent publications and a track record of attracting funding to support your research. You will be expected to provide strong leadership to deliver leading-edge research.

For more information please visit the Department of Geology website: www.le.ac.uk/gl

The closing date for this post is midnight on **6 March 2011**. Interviews will be held on 19 May 2011 and 2 June 2011.

SEN00124: Lectureship

We wish to appoint a Lecturer in Geophysics to join our lively and dynamic Department of Geology, which is internationally recognised for its research and teaching. You will have an excellent academic research record, including peer-reviewed quality publications and the potential to secure funding to support your research. You will be able to demonstrate clear potential to complement and develop research in geophysics and to undertake teaching, including practical classes and fieldwork, at all levels. A strong commitment to research and to teaching is essential.

The post will start in September 2011.

For more information please visit the Department of Geology website: www.le.ac.uk/gl

The closing date for this post is midnight on **Sunday 27th February 2011**. Interviews will take place on Thursday 17th March 2011.

Meetings Calendar

A calendar of scientific meetings relevant to the interests of IASPEI scientists is maintained at:

<http://www.iaspei.org/meetings/forthcoming.html>

where more details can be found. We report below just the titles, dates, places and websites of the forthcoming meetings.

2011

International Symposium "The 2001 Bhuj Earthquake and Advances in Earthquake Science"

January 22-27, 2011, IUGG, Raisan, Gujarat, India

For more information on the symposium, please contact: bhuj.aes2011@gmail.com

Contact person: Dr. B.K. Rastogi:
brastogi@yahoo.com

European Geosciences Union General Assembly 2011

April 03 – 08, 2011, Vienna, Austria

Website: <http://meetings.copernicus.org/egu2011/>

Sixth International Conference on Seismology and Earthquake Engineering (SEE6)

May 16-18, 2011, Tehran, Iran

Papers due: January 31, 2011

Pre-registration: February 28, 2011

Website: www.see6.ir

7th International Workshop in Statistical Seismology

May 25-27, 2011, Thera Is. (Santorini), Greece

Contact person: Dr Gerassimos A. Papadopoulos,
statsei7@gein.noa.gr.

Web site:

<http://www.gein.noa.gr/statsei7/back/index.html>.

CTBT: Science and Technology 2011 (S&T2011) scientific conference

June 8-10 June, 2011, Hofburg Palace, Vienna, Austria.

Website: <http://www.ctbto.org/specials/ctbt-science-and-technology-2011-8-10-june-2011-vienna-austria/>

XXV IUGG2011 GENERAL ASSEMBLY "Earth on the Edge: Science for a Sustainable Planet"

June 27 - July 8, 2011, Melbourne, Australia

Website: <http://www.iugg2011.com>

**International Symposium on
Geophysical Imaging with Localized Waves**

July 24-28, 2011, Sanya, Hainan Island, China.

Contact person: Wu Ru-Shan <wrs@pmc.ucsc.edu>

**12th International Workshop on Modeling of Mantle
Convection and Lithosphere Dynamics**

August 20-25, 2011, Hotel Döllnsee-Schorfheide,
Germany (about 80 km from Berlin)

Contact person: Bernhard Steinberger <bstein@gfz-
potdam.de>

Website: [http://www.gfz-
potdam.de/events/2011/Mantle_Lithospheric_Dynamics
s_Workshop](http://www.gfz-potsdam.de/events/2011/Mantle_Lithospheric_Dynamics_Workshop)

**4th IASPEI International Symposium:
Effects of Surface Geology on Seismic Motion**

August 23-26, 2011, University of California, Santa
Barbara, USA

Contact persons: Ralph Archuleta
<ralph@crustal.ucsb.edu>

or Jamie Steidl <steidl@crustal.ucsb.edu>

Website: <http://esg.eri.ucsb.edu/>

**INTERNATIONAL CONFERENCE "EARTHQUAKE
FORECASTING-2011"**

September 12-15, 2011, Çanakkale, Turkey

Website: www.efc2011.org.

UGI2011 – Regional Geographic Conference

November 14-18, 2011, Santiago, Chile

Contact: kbecker@fisa.cl

Website: www.ugi2011.cl

General Information about IASPEI

The International Association of Seismology and
Physics of the Earth's Interior is one of the eight
Associations of the International Union of Geodesy and
Geophysics [[IUGG](#)].

The other IUGG Associations are:

International Association of Cryospheric Sciences
[[IACS](#)]

International Association of Geodesy [[IAG](#)]

International Association of Hydrological Sciences
[[IAHS](#)]

International Association of Meteorology and
Atmospheric Sciences [[IAMAS](#)]

International Association for the Physical Sciences of
the Oceans [[IAPSO](#)]

International Association of Geomagnetism and
Aeronomy [[IAGA](#)]

International Association of Volcanology and Chemistry
of the Earth's Interior [[IAVCEI](#)][Scientific Assemblies](#)

IASPEI holds an Ordinary General Assembly every four

years in conjunction with each Ordinary General
Assembly of IUGG. Between the General Assemblies,
IASPEI holds a Scientific Assembly, sometimes
meeting with one of the other Associations of IUGG.

Participation in IASPEI Activities

IASPEI welcomes all scientists throughout the world to
join in research into Seismology. IASPEI is subdivided
into a number of Commissions, many of which have
working groups for the study of particular subjects in
their general areas of interest. On occasion, these
internal IASPEI groups issue their own newsletters or
circulars and many maintain their own web sites. At
the IASPEI Assemblies, the groups organize specialist
symposia, invite scholarly reviews and receive
contributed papers that present up-to-the-minute
results of current research. The IASPEI web site gives,
or provides links to, information on the range of IASPEI
activities.

The IASPEI Web site

Information on IASPEI can be found at:

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

Contacting IASPEI

The Secretary-General is the main point of contact for
all matters concerning IASPEI.

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