

# CLOSING PLENARY

IUGG-IASPEI 2011

Melbourne, Australia

# Agenda

- 1) President's Welcome
- 2) Secretary General's Report
- 3) Financial statement and Discharge of Accounts
- 4) Union Activities
- 5) Association Activities
- 6) Future Activities and Assemblies
- 7) Appointment of Representatives
- 8) 2013 IASPEI GA
- 9) Election of IASPEI Officers for 2011-2015
- 10) Revision of Statutes and Bylaws
- 11) Resolutions
- 12) Shaking hands: From the President
- 13) Close of Plenary

# 1 President's Welcome

## 2 Secretary General's Report 2008-2011

- Bureau meetings:

  - 2008 Vienna

  - 2009 Cape Town

  - 2010 Shanghai

  - 2011 Melbourne

- Executive Committee meetings:

  - 2009 Cape Town

  - 2011 Melbourne

# Business meetings during this assembly

Wednesday

Bureau and Executive meetings

Thursday

Opening plenary

Saturday

Executive meeting with Commission chairs

Monday

Executive meeting

Closing plenary

IASPEI Commissions and IASPEI sponsored bodies  
also have conducted business meetings during the  
Assembly

# Regional Commission Meetings

31th European Seismological Commission General Assembly, September, 7-12, 2008, Hersonissos, Crete island, Greece

32th European Seismological Commission General Assembly, September, 3-10, 2010, Montpellier, France

7th Asian Seismological Commission General Assembly, November, 25-28, 2008, Tsukuba, Japan

8th Asian Seismological Commission General Assembly, November, 8-10, 2010, Ha Noi, Vietnam

# Short activity report 2007-2010

- **IASPEI Newsletters** - IASPEI uses them to broadcast announcements about its activities, forthcoming meetings and other information of interest to IASPEI members. Also downloadable from IASPEI Website.
- **IASPEI Website** - IASPEI continues development of its Website on the WorldWideWeb which contains organizational information, meeting announcements and Internet connections and other information of interest to IASPEI scientists.

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

The Website has recently moved to Edinburgh, where it is hosted by the BGS. IASPEI is very much indebted to BGS for this help!

# Report on Assembly statistics

- Number of sessions: 758
- Number of oral talks: > 2300
- Number of posters: > 1200
- Number of countries: 92
- Number of participants: 3600 450  
IASPEI
- People supported: 250 78



# Report on Assembly statistics

## Participation by country (top 10)

|             |     |
|-------------|-----|
| Australia   | 667 |
| USA         | 509 |
| Japan       | 465 |
| China       | 255 |
| Germany     | 170 |
| UK          | 151 |
| France      | 111 |
| New Zealand | 102 |
| India       | 74  |
| Brazil      | 52  |

# 3 Financial statement 2007-2010

INTERNATIONAL ASSOCIATION OF SEISMOLOGY AND PHYSICS OF THE EARTH'S INTERIOR

Quadrennial Report for the Years 2007-2010

Amounts in USA Dollars

| RECEIPTS                      | IUGG              | GRANTS &<br>CONTRACTS | EXPENDITURES                         | IUGG              | GRANTS &<br>CONTRACTS |
|-------------------------------|-------------------|-----------------------|--------------------------------------|-------------------|-----------------------|
| 1 IUGG ALLOCATION .....       | 140 886.80        | x                     | 11 ADMINISTRATION .....              | 51 884.50         | x                     |
| 2 UNESCO GRANTS .....         |                   | x                     | 12 PUBLICATIONS .....                | 0.00              | 0.00                  |
| 3 OTHER GRANTS .....          | 14 820.00         | 0.00                  | 13 ASSEMBLIES .....                  | 76 361.61         | 0.00                  |
| 4 CONTRACTS WITH UNESCO, etc. |                   | x                     | 14 SYMPOSIA & SCIENTIFIC MEETINGS .. | 49 302.56         | 0.00                  |
| 5 SALES OF PUBLICATIONS ..... | 20.00             | x                     | 16 GRANTS (Permanent Services, etc.) |                   | x                     |
| 6 MISCELLANEOUS .....         | <u>21 690.02</u>  | <u>x</u>              | 17 CONTRACTS WITH UNESCO, etc. ....  |                   | x                     |
|                               |                   |                       | 18 MISCELLANEOUS                     | <u>0.00</u>       | <u>x</u>              |
| 7 TOTAL RECEIPTS .....        | <b>177 416.82</b> | <b>0.00</b>           | 19 TOTAL EXPENDITURES .....          | <b>177 548.67</b> | <b>0.00</b>           |
| IDEA RECEIPTS .....           | <b>84 280.15</b>  |                       | IDEA EXPENDITURES .....              | <b>67 443.81</b>  |                       |
| DOORNBOS FUND RECEIPTS .....  | <b>2 711.30</b>   |                       | DOORNBOS FUND EXPENDITURES .....     | <b>1 604.29</b>   |                       |
| ESC FITESC RECEIPTS .....     | <b>1 612.11</b>   |                       | ESC FITESC EXPENDITURES .....        | <b>0.00</b>       |                       |
| 8 CASH ON HAND AND IN BANK    |                   |                       | 20 CASH ON HAND AND IN BANKS         |                   |                       |
| Jan. 1, 2007 .....            | <b>15 926.23</b>  | x                     | Dec. 31, 2010 .....                  | <b>40 061.43</b>  |                       |
| 9 INVESTMENTS & RESERVES      |                   |                       | 21 INVESTMENTS & RESERVES            |                   |                       |
| Jan. 1, 2007 .....            | <b>53 872.72</b>  | x                     | Dec. 31, 2010 .....                  | <b>61 195.30</b>  |                       |
| DOORNBOS FUND                 |                   |                       | DOORNBOS FUND                        |                   |                       |
| Jan. 1, 2007 .....            | <b>21 246.06</b>  | x                     | Dec. 31, 2010 .....                  | <b>22 353.08</b>  |                       |
| IDEA ACCOUNT                  |                   |                       | IDEA ACCOUNT                         |                   |                       |
| Jan. 1, 2007 .....            | <b>7 312.77</b>   | x                     | Dec. 31, 2010 .....                  | <b>24 149.11</b>  |                       |
| 10 TOTAL .....                | <b>364 378.16</b> | <b>0.00</b>           | 22 TOTAL .....                       | <b>395 967.80</b> | <b>0.00</b>           |
| Jan. 1, 2007                  | Dec. 31, 2010     |                       |                                      |                   |                       |
| 23 ACCOUNTS RECEIVABLE .....  | 0.00              |                       | 0.00                                 |                   |                       |
| 24 ACCOUNTS PAYABLE .....     | 0.00              |                       | <b>31 589.64</b>                     |                   |                       |

# Report of the IASPEI Audit Committee for the period 2007-2010

- We have examined the accounts presented by the treasurer for the period 2007 to 2010 and the budgets for 2011 and 2012. We have established that the accounts represent fairly the transactions of IASPEI and its financial status.
- We have interviewed the treasurer about the oscillations in expenses following the 2-year cycle of IASPEI meetings, about the IDEA-Seismoarchives funds, and about the Doornbos Fund. And we have found all the explanations fully satisfactory.
- We note that the IASPEI administration is managed with a small percentage of the available funds, and that the dominating expenses are for assemblies and other scientific meetings with a large emphasis on travel grants.
- We consider the finances of IASPEI to be in a healthy state with a level of reserves approaching two-year expenses being satisfactory.
- We give the treasurer discharge for the accounts for the period 2007-2010.

David A. Rhoades

Bernard Dost

Melbourne, 30 June 2011

# 4 Union Activities

- Changes were proposed to the IUGG Statutes and Bylaws
- Next venue (2015) for the IUGG GA to be decided on Wednesday

# Union Activities

Candidates for IUGG officers  
Elections next Wednesday

- President: Dave Jackson (USA)  
Harsh K Gupta (India)
- Treasurer: Aksel W Hansen (Denmark)
- Vice-President: Michael Sideris (Canada)  
Guoxiong Wu (China)
- Secretary General: Alik Ismail-Zadeh (Germany)
- Bureau members: Isabelle Jane Ansorge (South Africa), Jaime Urrutia Fucugauchi (Mexico), Pierre Hubert (France), Kenji Satake (Japan)
- Finance Committee: Zoltan Hajnal (Canada), David Rhoades (New Zealand), David Collins (UK), Jan Krynski (Poland), Juan Vilas (Argentina)

# 5 ASSOCIATION ACTIVITIES

- Commission on Education and Outreach  
Co-Chairs: John Taber (USA) & Matthias Ohrnberger (Germany)
- Commission on Seismological Observation and Interpretation (CoSOI)  
Chair: Dmitry Storchak (UK)
- Commission on Tectonophysics and Crustal Structure  
Chair: Kevin Furlong (USA)
- Commission on Earthquake Sources - Modelling and Prediction  
Chair: Alexey Zavyalov (Russia)
- Commission on Earth Structure and Geodynamics  
Co-Chairs: Greg Houseman (UK) & Thorne Lay (USA)

# ASSOCIATION ACTIVITIES

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

\_\_Chair: Mohsen Ghafory-Ashtiany (Iran)

- Federation of Digital broadband Seismograph Network (FDSN)

\_\_Chair: Gerardo Suarez (Mexico)

- European Seismological Commission (ESC)

\_\_Chair: Steinunn Jakobsdottir (Iceland)

- Asian Seismological Commission (ASC)

\_\_Chair: Kazuro Hirahara (Japan)

# ASSOCIATION ACTIVITIES

- IASPEI/IAVCEI Commission on Physics and Chemistry of Earth Materials  
Chair and IASPEI representative: Ian Jackson (Australia)
- IAVCEI/IASPEI Committee on Volcano Geophysics  
Chair and IASPEI Representative: Jurgen Neuberg (UK)
- IAGA/IASPEI/IAVCEI WG on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV)  
IASPEI/IAVCEI Representative: Malcolm J S Johnston (USA)
- International Heat Flow Commission (IHFC)  
Chair: Yuri Popov (Russia)
- International Ocean Network (ION)  
Chair: Ralph A Steven (USA)
- Commission on Earth Sciences in Africa  
Chair: Atalay Ayele (Ethiopia)



# 6 FUTURE IASPEI ACTIVITIES and ASSEMBLIES

- 2012 ASC GA in Ulaan Batar (Mongolia)
- 2012 ESC GA in Moscow (Russia)
- 2013 IASPEI GA in Gothenburg (Sweden)
- 2015 IUGG/IASPEI GA in either Honolulu (USA) or Prague (Czech rep.)

# 7 IASPEI REPRESENTATIVES 2007-2011

- **IAGA/IASPEI WG on the Re-use of Submarine Telephone Cables**  
Hisashi Utada (Japan)
- **IAPSO/IASPEI/IAVCEI Joint Tsunami Commission**  
Vasily V. Titov (USA)
- **IAU/IUGG WG on Non-rigid Earth Nutations**  
Bruce A Buffett (USA)
- **ICSU Panel on World Data Centers**  
Timothy K Ahern (USA)
- **ISC Executive Committee**  
Oleg Starovoit (Russia)
- **IUGG Committee for Mathematical Geophysics**  
Yehuda Ben-Zion (USA)
- **IUGG/IUGS Commission on the Lithosphere**  
Kevin Furlong (USA)
- **SCAR (Solid Earth Geophysical Working Group)**  
Saurabh K Verma (India)
- **EMSEV**  
Malcolm Johnson (USA)
- \* **Union GEORISK Commission**  
David Jackson (USA)

# 9 ELECTION OF IASPEI OFFICERS (2011-2015)

## **IASPEI BUREAU**

President: Domenico Giardini (Switzerland)

1st Vice-President: Ian Jackson (Australia)

2nd Vice-President: Thorne Lay (USA)

Secretary-General: Peter Suhadolc (Italy)

## **IASPEI EXECUTIVE COMMITTEE**

Members: Marcelo Assumpcao (Brazil)

Kenji Satake (Japan)

Michelle Grobbelaar (South Africa)

Alexey Zavyalov (Russia)

Wu Zhongliang (China)

# 10 STATUTES & BYLAWS

# IASPEI Statutes and By-laws

why changed ?

- to conform with changes in practice since last revised by General Assembly in 1981

Since 1981:

- we now have the internet: e-mail, web etc.
- The General and Scientific Assemblies now are completed within one week, rather than two.

Aim of revisions:

To clarify language and avoid ambiguity

# IASPEI Statutes and By-laws

## IASPEI governance

- The members of IASPEI are the countries adhering to IUGG.
- The Plenary Meeting of National Delegates (taking place at each General Assembly and Scientific Assembly) determines the direction of IASPEI
- A Bureau of President, General-Secretary, Treasurer, and two Vice-Presidents, meeting annually, administer the Association.
- The Bureau is part of an Executive including past-President and 4 others.

# IASPEI Statutes and By-laws

changes:

- Bureau meetings using Web-based technology are authorised.
- The Bureau may if needed conduct an extraordinary meeting of the National Delegates using e-mail or web-based tools
- the term "posted" will be taken to indicate an e-mail sent to the list of the Association National Correspondents
- period of notice for resolutions/nominations reduced to fit in the 1-week assembly format.



# 11 Resolutions

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

*Resolution 1: Latin American Seismological  
Commission*

Noting the increasing seismological research activities in Latin America, the high level of earthquake risk in the region, and the success of the regional IASPEI Commissions (ESC and ASC) in developing seismological programs and cooperation,

IASPEI

**encourages** the formation of a Latin American Seismological Commission to foster more cooperation within the region and the organization of regular IASPEI regional meetings.

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

*Resolution 2: African Seismological Commission*

Noting the increasing seismological research activities in Africa, the variable level of earthquake risk in the region, and the success of the regional IASPEI Commissions (ESC and ASC) in developing seismological programs and cooperation,

IASPEI

**encourages** the formation of an African Seismological Commission to foster more cooperation within the region and the organization of regular IASPEI regional meetings.

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

*Resolution 3: IASPEI MEDAL*

Noting the established practice of several other IUGG associations of recognising outstanding contributions

IASPEI

resolves to award no more frequently than biennially an IASPEI Medal for outstanding service in furthering the aims of IASPEI.

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

## *Resolution 4: Earthquake Forecasting*

Recognising the challenges associated with earthquake forecasting, and noting the findings of the International Commission for Earthquake Forecasting for Civil Protection (ICEF) convened by the Italian Department of Civil Protection following the 2009 l'Aquila earthquake, and the potential of its recommendations for improving earthquake forecasting both in Italy and elsewhere,

**IASPEI**

Endorses the findings and recommendations of the final ICEF report.

[Reference to publication to be added!]

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

*Resolution 5: SeismoArchives Project*

Noting that steady progress has been made by the IASPEI SeismoArchives project and other efforts, in scanning and making the scanned seismogram files accessible online,

IASPEI urges that

- (i) appropriate sources of funding be found to complete a library of seismograms for significant earthquakes recorded at a set of key observatories prior to the digital era (~1980), and
- (ii) the SeismoArchives project help to facilitate the selection and preparation of records (along with related seismological information) to be scanned, including identification of those at risk of destruction, and provide guidance to assure that the resulting electronic libraries contain all relevant metadata and instructions for their use.

IASPEI Closing Plenary  
Monday 4 July Melbourne, Australia

*Resolution 6: Appreciation*

RECOGNISING the enormous effort required to organise the  
General Assembly,

IASPEI

THANKS and CONGRATULATES the IUGG Local Organizing  
Committee and its Chair Professor Ray CAS for a most  
memorable meeting in Melbourne.

# 12 Shaking hands: From the President



# 12 Shaking Hands: From the President

- **In the last four years:**
- **Earthquake engineers and seismologists shake hands, as represented by the IAEE-IASPEI Dialogue**
- **CTBT community and seismological community shake hands, as represented by the ISS and the Union Session**
- **Scientific community shake hands with industry, as represented by GEM**
- **Shaking hands between seismologists in IUGG member countries/regions and those in the countries/regions which have not been the IUGG member, as represented by the ISC-IASPEI Networking project**
- **Shaking hands among ESC and ASC, and the coming LASC, and African Seismological Committee**

# Shaking Hands: From the President

- **In the next four years:**
- **Shake hands with young colleagues**
- **Shake hands with the digital time (bottom-line is to provide materials to Alice for our website)**
  
- **IASPEI promotes:**
- **Shaking hands between those who think that earthquakes cannot be predicted, and those who think that earthquakes can be predicted**
- **Shaking hands between those who think that probabilistic approach for seismic hazard works better, and those who think that deterministic approach works better**
- **Shaking hands between seismological and geodetic communities and geochemical and mineral physics communities**
- **Shaking hands between seismological information service and decision-making for the reduction of earthquake disasters**

# Shaking Hands: From the President

- **Last but not the least:**
- **Grazie to Peter, the excellent Secretary general, and the Bureau, as well as the EC**
- **Spasiba to Alexy, Mohsen, Hirihara-san, as well as to the other commissioners**
- **Heilimanung, Arigado Gozhaimasu, and Ganchamida, ... to our National Committees**
- **Thanks to Claude, Brian, and Bob, our Past presidents who have been always strongly supporting us**
- **Xie xie, and Danke to Willie Lee, Peter Bormann, among others, who are not here with us this time, but have made significant contributions**
- **and, last but not least,**
- **Thanks, to you all !!!**

# CLOSE OF PLENARY

Thanks to all of you for participating in this  
IUGG/IASPEI General Assembly!

We look forward to seeing you again at  
the IASPEI2013 General Assembly  
in GÖTEHENBURG, Sweden