

Annual Report 2015 – IASPEI

1. SHORT INTRODUCTION OF ASSOCIATION (max. ½ page)

The International Association of Seismology and Physics of the Earth's Interior is the leading international association promoting studies of seismology, earthquake processes, and structure and ongoing geodynamical processes in Earth's interior. IASPEI achieves its goals primarily through scientific conferences organized by IASPEI and its Commissions, but also sponsors other international initiatives, fosters international cooperation, both in monitoring of seismic sources and research and education activities, especially in countries that are in the process of working towards full scientific development.

Most of the IASPEI efforts during 2015 were directed towards the IUGG2015 General Assembly in Prague, in particular IASPEI Symposia and the IASPEI-led Inter-Association Symposia. However, several important additional scientific meetings have been sponsored by IASPEI and several ongoing projects continued.

2. ADMINISTRATION (max. ½ page)

- EC & Bureau meetings

The IASPEI Bureau and Executive Committee have met several times in Prague in June/July. Several e-mails regarding important questions on financial support or business to be solved immediately have been exchanged with the members of Bureau and EC throughout the year.

- Changes in administration (setting up of new Commissions, Working Groups, etc., or termination of old Commissions, Working Groups, etc.)

In Prague the name of the **Commission on Earthquake Source Modeling and Monitoring for Prediction** was changed to **Commission on Earthquake Generation Process – Physics, Modelling and Monitoring for Forecast** and a new Commission was established with the title **Commission on Earthquake Source Mechanics (ESM)**.

- Other matters

Website. The IASPEI website has the address <http://iaspei.org>.

Statutes. After discussing the possibility of personal membership in IUGG Associations, the Statutes and By-laws of IASPEI were modified. The revised IASPEI Statutes and By-laws have been unanimously approved in Prague during the IUGG General Assembly. The new Statutes and By-laws are available for download from the website.

Newsletters. IASPEI Newsletters have been regularly sent as pdf-file attachments to e-mails. The Newsletters are also available for downloading from the website. Four issues were distributed in 2015.

3. ACTIVITIES (max. 2 pages)

- Scientific Assemblies, Workshops/Symposia etc.

- *2015 IUGG General Assembly in Prague.*

IASPEI participated actively in the conference (505 officially registered as IASPEI delegates, with 76 supported financially with grants. The scientific program included 13 IASPEI and 16 Inter-Association symposia with IASPEI participation. IASPEI also

organized an ad-hoc symposium about the Nepal 2015 Earthquake, contributed to the Union program with one Union Lecture and participated in nine of the 11 Union Symposia.

- Activities of Association Commissions, Working Groups, Divisions, Services etc.

- IASPEI support was granted to the 2015 ECGS Workshop on Earthquake and Induced Multi-hazard early warning and rapid response, which was held 18 – 20 November 2015 in Luxembourg (<http://www.ecgs.lu/ewrr2015/>).

- IASPEI supported, also via donations received for this purpose, the IRIS workshop “Managing Data from Seismic Networks” in Hanoi, 9 – 15 September 2015 with 37 participants from 19 countries.

- Some 2,000 hard copies of the first printed edition of the IASPEI New Manual of Seismological Observatory Practice (NMSOP 2002) are currently in use in more than 100 countries at seismological observatories, data and analysis centers, in teaching, research, and field applications, used as basic material in national and international seismology training courses, or by private enterprises and individual scientists. In 2014, a rigorously updated and amended electronic second edition, NMSOP-2, was completed and put online, thanks to the efforts of the late Peter Bormann. This version, as well as future ones, are professionally maintained, further developed and edited by the GFZ German Research Centre for Geosciences under a long-term commitment, the auspices of IASPEI and its Commission on Seismological Observation and Interpretation (CoSOI). All versions, including the slightly corrected 2009 electronic version of the first edition, are freely available and downloadable via <http://nmsop.gfz-potsdam.de>. This Website is mirrored both by IASPEI and ISC: (<http://www.iaspei.org/projects/NMSOP.html>, <http://www.isc.ac.uk/standards>).

- Scientific Programs, Projects, Publications

The IDEA (International Digital Earthquake Archives) project of the Committee for Preservation of WWSSN and Historical Seismograms (also called *Seismoarchives: Seismogram Archives of Significant Earthquakes of the World*), continued its mission. IRIS is archiving the scanned seismograms. During the General Assembly in Prague it was decided that Graziano Ferrari (INGV) takes over the IDEA Project from W.H.K. Lee. The Project for scanning old Batavia seismograms was ongoing in 2015 and will be continued in 2016.

- Awards/Anniversaries/Obituaries

- *Awards*. During the Opening Plenary of the IASPEI General Assembly in Prague, the second IASPEI medal was awarded to Dr. Willie H.K. Lee.

- *Obituaries* for prominent scientists were regularly published in the IASPEI Newsletters.

4. PLANNED FUTURE ACTIVITIES/ ANNOUNCEMENTS (max. ½ page)

- In 2016, four *Regional commission assemblies* will be held:

- ESC will hold its 35th General Assembly in Trieste (Italy).
 - ASC will hold its 11th General Assembly in Melbourne (Australia).
 - LACSC will hold its 2nd General Assembly in San Jose (Costa Rica).
 - AfSC will hold its 1st General Assembly during a Nile cruise (Egypt).
- In 2017, the joint Scientific Assembly of IAG and IASPEI will be held in Kobe (Japan) (<http://iag-iaspei-2017.jp/>).