

Annual Report 2018 – IASPEI

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

The International Association of Seismology and Physics of the Earth's Interior (IASPEI) is the leading international association promoting studies in seismology, earthquake processes, and structure and ongoing geodynamical processes within the 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 working towards full scientific development.

Most of the IASPEI efforts during 2018 were directed towards the General Assemblies of IASPEI's four Regional Commissions, which were sponsored by IASPEI and IUGG.

2. ADMINISTRATION (max. ½ page)

- EC & Bureau meetings

The IASPEI Bureau met via phone conference in December 2016. Several e-mails regarding important questions on financial support or business to be solved immediately have been exchanged with the members of the Bureau and ExeCom throughout the year.

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

No changes.

- Other matters

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

Statutes. The statutes were not changed. IASPEI is registered as a Norwegian organization (Norwegian Org. Number 916 047 495).

Newsletters. IASPEI Newsletters have been regularly sent as pdf-file attachments to more than 3000 e-mail addresses. The Newsletters are also available for downloading from the IASPEI website. Five issues were distributed in 2018.

3. ACTIVITIES (max. 2 pages)

- Scientific Assemblies, Workshops/Symposia etc.

- The 2nd General Assembly of the African Seismological Commission (AfSC) was held in Al Hoceima, Morocco, 23 – 25 April 2018. The assembly had about 150 participants and was followed by three training courses on “Seismotectonics”, “Analysis of Seismic Signals” and “Usage of Radar Images” (26 – 27 April 2018).

- The 12th General Assembly of the Asian Seismological Commission (ASC) was held in Chengdu, China, 12 – 14 May 2018, jointly organized with the International Conference for the Decade Memory of the Wenchuan Earthquake, and as part of the 4th International Conference on Continental Earthquakes. The assembly had 1408 participants with 129 signing in with ASC as their affiliation. A pre-conference, four weeks long training course entitled “The North-Central Asian Earthquake Observation Techniques” was presented from April 16 to May 11, 2018.

- The 3rd General Assembly of the Latin America and Caribbean Seismological Commission (LACSC) had been planned to be in Puerto Rico, jointly with the

Seismological Society of America (SSA). However, due to the devastating impacts of hurricanes Irma and Maria in September 2017, LACSC and SSA decided to move the meeting to Miami, USA, 14 – 17 May 2018. The assembly had 743 participants with 122 from LACSC countries.

- The 36th General Assembly of the European Seismological Commission (ESC) was held in Valletta, Malta, 2 – 7 September 2018. The assembly had 802 participants. The one-week Peter Bormann Young Seismologist Training Course, entitled “Array Seismology”, was organized before the assembly (27 – 31 August 2018).
- Activities of Association Commissions, Working Groups, Divisions, Services etc.

Some 2,000 hard copies of the first printed edition of the IASPEI New Manual of Seismological Observatory Practice (NMSOP, 2002) are currently being used in more than 100 countries at seismological observatories, data and analysis centers, and for teaching, research, and field applications. In addition, it is used as basic material within 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 and the auspices of IASPEI and its Commission on Seismological Observation and Interpretation (CoSOI). All versions are freely available and downloadable from the web-site of the GFZ Library (<http://bib.telegrafenberg.de/publizieren/vertrieb/nmsop/>).

- 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. The Incorporated Research Institutions for Seismology (IRIS) is archiving the scanned seismograms. During the General Assembly in Prague it was decided that Graziano Ferrari (Istituto Nazionale di Geofisica e Vulcanologia (INGV), Italy) takes over the IDEA Project from W.H.K. Lee.

- Awards/Anniversaries/Obituaries

- *Awards.*

The **IASPEI Medal** is awarded for distinguished contributions in seismology: for sustaining IASPEI goals and activities and for scientific merits in the field of seismology and physics of the Earth's interior. The Medal is awarded every 2nd year during the IASPEI Assemblies.

In 2016, the IASPEI Bureau established an IASPEI Early Career Scientist Award program aimed at engaging excellent young researchers in the IASPEI community. Each of the four IASPEI Regional Commissions was asked to select one Early Career researcher (graduate student, postdoctoral research, pre-tenure faculty member) from their commission at each even-year Assembly of that Regional Commission. In 2018, the first awards were given by the AfSC to Sofia Benamri, Morocco, by the LACSC to Esteban Chaves, Costa Rica and by the ESC to Roseanne Clement, UK.

- *Obituaries* for prominent scientists were regularly published in the IASPEI Newsletters and on the IASPEI web-page.

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

- In 2019, the main focus will be on the General Assembly of the Association during the Centennial General Assembly of the IUGG in Montreal, Canada in July 2019.
- In 2020, the IASPEI main activity will be again concentrate on the General Assemblies of the four regional commissions of IASPEI (AfSC, ASC, ESC, LACSC). Some preparation work will already be ongoing in 2019.
- The 2021 Scientific Assembly of IASPEI is planned as a joint Assembly together with IAGA, to be held in Hyderabad, India in August 2021.



Participants of the 2nd AfSC General Assembly in Al Hoceima, Morroco, 2018. (Source: Hajar El Talibi)



Participants of the Closing Ceremony of the 12th ASC General Assembly in Chengdu, China, 2018. (Source: Li Li)



LACSC participants of the 3rd LACSC General Assembly and First LACSC-SSA Joint Meeting in Miami, USA, 2018. (Source: SSA)



Participants of the Peter Bormann Young Seismologist Training Course during the week before the 36th ESC General Assembly in Valletta, Malta, 2018. (Source: Päivi B. Mäntyniemi)