

Annual Report 2023 – IASPEI

1. SHORT INTRODUCTION OF ASSOCIATION

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 2023 were directed towards the IUGG General Assembly in Berlin, and in particular the IASPEI Symposia and the IASPEI-led Inter-Association Symposia.

2. ADMINISTRATION

- EC & Bureau meetings

The IASPEI Bureau / Executive Committee (EC) had two joint meetings in 2023, one organized as video conference in April and one during the General Assembly in Berlin in July. There were additional, regular e-mail exchanges regarding all Association related questions (as e.g., financial support, requests, planning of future Assemblies or business to be solved immediately) between the members of the IASPEI Bureau and EC throughout the whole year.

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

The general interest in an IASPEI Commission on Earth Structure and Geodynamics has vanished during the last years and no new chair could be found. In addition, there is a large topical overlap with the IUGG Union Commission Studies of Earth's Deep Interior (SEDI) (<https://iugg.org/associations-commissions/commissions/sedi/>), in which many seismologists are already active. Therefore, the IASPEI ExeCom decided in Berlin to declare the Commission on Earth Structure and Geodynamics as dissolved and asks the IASPEI membership to participate instead in SEDI activities. Therefore, the IASPEI ExeCom decided in Berlin to declare the **Commission on Earth Structure and Geodynamics** as dissolved and asks the IASPEI membership to participate instead in SEDI activities.

In the aftermath of the Berlin Assembly, some Early Career Scientists (ECSs) have become active and started to organize an ECSs Group in IASPEI.

- Other matters

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

Statutes. After some discussion during the (virtual) ExeCom meeting on 3 April 2023, paragraph "XIV. Meetings of the Bureau and of the Executive Committee" of the By-

laws have been unanimously extended by the new clause:

3. The president of each Regional Commission or their designee shall be invited to participate in Executive Committee meetings with consultative capacity without vote.

IASPEI is registered as a Norwegian organization (Norwegian Org. Number 916 047 495).

Newsletters. IASPEI Newsletters were regularly sent as PDF-file attachments to more than 4200 e-mail addresses. The Newsletters are also available for download from the IASPEI website. Four Newsletter issues were distributed in 2023.

3. ACTIVITIES

- Scientific Assemblies, Workshops/Symposia etc.

2023 IUGG General Assembly in Berlin.

IASPEI participated actively in the conference, 750 of the officially registered more than 5000 participants associated themselves with IASPEI, with 90 participants had been supported financially with grants. The scientific program included 21 IASPEI and 30 Inter-Association symposia with IASPEI participation (of which 9 had been led by IASPEI). IASPEI also contributed to the Union program with one Union Lecture and participated in the Union Symposia.

IASPEI supported a workshop on „International Training Course on Ocean Bottom and Amphibian Experiment Seismological Dataworkshop“, which was organized by Prof. Krüger, University of Postdam before the Assembly.

During the Assembly, the IASPEI Commissions and the IASPEI-sponsored bodies FDSN and IHFC also had their business meetings.

SEDI/IASPEI/ILP Workshop on Improving Earthquake Preparedness Through Geoscience Education in the Himalaya

A two-day workshop for Nepali school teachers from 1 to 3 May 2023 in a centrally located city in Nepal, Pokhara. There were 49 teachers participating, of which most were science, computer science, and social science teachers, as well as several school principals. (see IUGG E-Journal – 1 December 2023, <https://iugg.org/wp-content/uploads/2023/11/IUGGej2312.pdf>).

- 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 website of the GFZ Library (<http://bib.telegrafenberg.de/publizieren/vertrieb/nmsop/>).

- Scientific Programs, Projects, Publications

In 2023, IASPEI continued to financially support the work of the Inter-Association Working Group on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV).

- 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 during the IASPEI Assemblies. The IASPEI Medal 2023 was awarded during the Opening Plenary at the General Assembly in Berlin to Prof. Harsh K. Gupta, India.

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 researcher, pre-tenure faculty member) from their commission at each even-year Assembly of that Regional Commission. New awardees will be selected during the planned General Assemblies of the Regional Commissions in 2024.

Obituaries

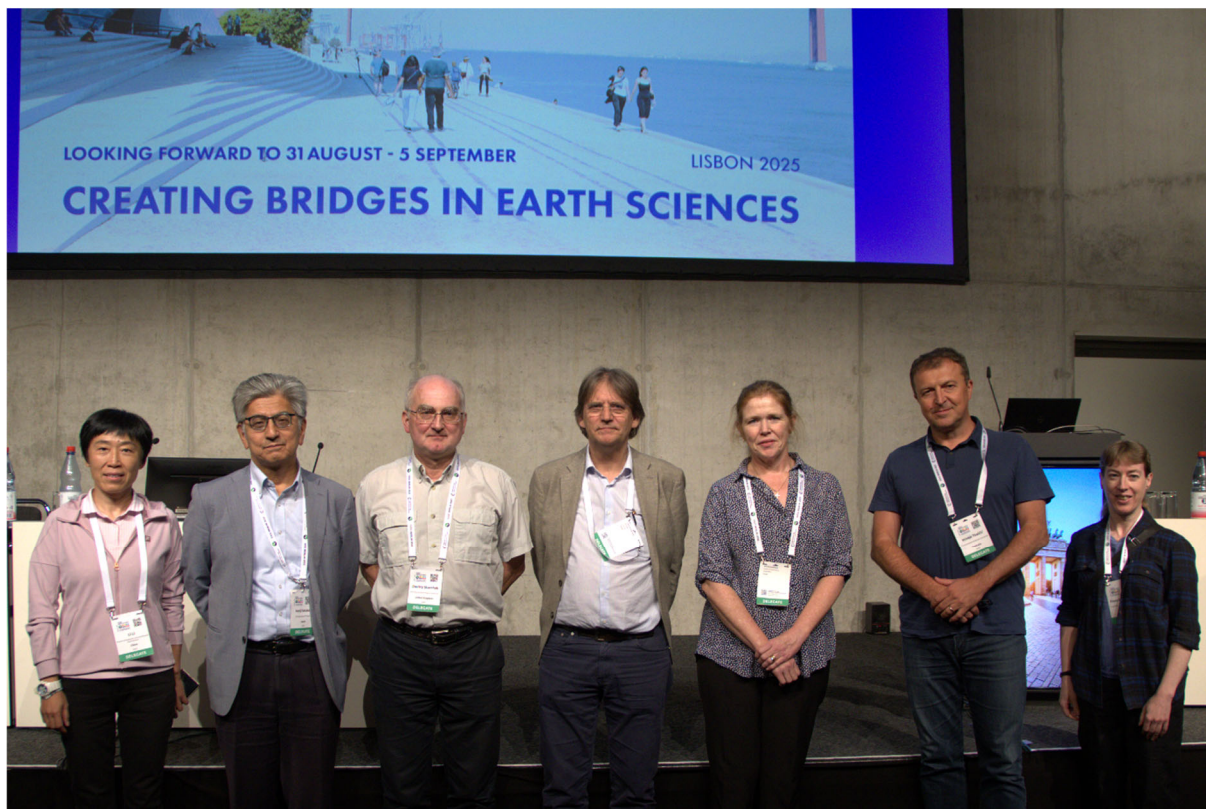
Obituaries for internationally recognized scientists of the IASPEI community are regularly published in the IASPEI Newsletters and on the IASPEI webpage. In 2023, sadly, six obituaries had to be published.

4. PLANNED FUTURE ACTIVITIES/ ANNOUNCEMENTS

In 2024, the IASPEI main activities will be again concentrating on the General Assemblies of the four regional commissions of IASPEI (AfSC, ASC, ESC, LACSC).

- LACSC will hold its 5th General Assembly in San José (Costa Rica) in June.
- ESC will hold its 38th General Assembly on Corfu (Greece) in September.
- AfSC plans its 4th General Assembly for October in Namibia.
- ASC will hold its 15th General Assembly in Belek, Antalya (Türkiye) in November.

The next IASPEI Scientific Assembly will be a Joint Assembly together with IAGA in Lisbon, Portugal in September 2025.



The new elected board of IASPEI and members of the new IASPEI Executive Committee after the Closing Plenary of the General Assembly in Berlin.