

IASPEI Newsletter

June 2018

Foreword.....	1
The 2019 IUGG in Montreal, Canada.....	1
The 12th ASC General Assembly, 12-14th May, Chengdu, China	1
Meetings Calendar	3
General Information about IASPEI.....	4

The 2019 IUGG in Montreal, Canada

The dates for the 27th General Assembly of the IUGG are 8 – 18 July 2019. All IASPEI relevant activities are planned for the last five or six conference days (12 – 17 July).

During the last months, the Scientific Program Committee (SPC) for the 27th General Assembly worked on the Joint Symposia program. At this moment, about 10 Union and 65 Joint Symposia are planned with IASPEI participating in all Union and about one third of the Joint Symposia.

The plan is that all Symposia relevant information will be published on the conference web-site in September (<http://iugg2019montreal.com/>).

The 12th ASC General Assembly, 12-14th May, Chengdu, China

The 12th General Assembly of the Asian Seismological Commission (ASC) was held during 12 – 14th May 2018 at the Century City International Conference Center, Chendu, China. The event was jointly organized with the International Conference for the Decade Memory of the Wenchuan Earthquake, as a part of the 4th International Conference on Continental Earthquakes

Foreword



Dear Readers,

This short Newsletter contains some information about next year's 27th General Assembly of the IUGG in Montreal, Canada.

Then, we have one report from the 12th General Assembly of the Asian Seismological Commission.

Please don't forget to inform me about international conferences and workshops with IASPEI related topics. Then, I can add these events to the Meetings Calendar of future Newsletters.

Johannes Schweitzer
Secretary General

(<http://www.4thicce.com>). Chinese President Xi Jinping sent a special message for the joint conference that was read out. Prof. Thorne Lay, President, IASPEI, and Dr. Paramesh Banerjee, President, ASC, delivered their speeches at the Opening ceremony of the Joint Conference on 12th May, 2018 (available at <http://www.asc-iaspei.org>).

The joint Conference had a total of 1408 registered participants from 49 different countries, 129 of which mentioned ASC as their primary association. The Conference was divided into five themes, *i.e.*, Visible Crust, Earthquake Dissection, Resilient Cities and Towns, Smart Service, and Regional International Cooperation, and had 436 oral and 401 poster presentations. In total, 107 abstracts were accepted for presentation in five ASC sessions, 52 of which were oral presentations and the rest posters. The ASC gratefully acknowledges financial grants received from the IUGG, IASPEI and the Seismological Society of Japan (SSJ) that were mostly used to support the participants. Special thanks go to the China Earthquake Administration (CEA) for sponsoring travel expenses for 36 participants and hosting the ASC General Assembly at Chengdu.

The ASC also organized a pre-conference training course titled “The North-Central Asian Earthquake Observation Techniques” from April 16 to May 11, 2018. In total, 21 participants from Armenia, Kazakhstan, Kyrgyzstan, Mongolia, Russia and Tajikistan joined in the training course. The entire course was subdivided into three parts, and trainings were imparted at three different locations: Part-I The theory of earthquake observation, April 16 – 28, 2018 at Beijing, Part-II The hands-on practical training on operation and installation of seismological instruments and allied software, April 29 – May 9, 2018 at Zhuhai, Part-III Lecture series on Effort to mitigate earthquake hazards May 10 – 11, 2018 at Chengdu.

The ASC General Assembly was officially opened by Dr. Paramesh Banerjee, President, ASC, followed by remarks from Prof. Thorne Lay, President, IASPEI, Prof. Harsh Gupta,

immediate-past President of the IUGG and Mr. Chunfeng Hu, the General Secretary of the Local Organizing Committee of the conference and Director General of the Department for International Cooperation of the CEA. The inauguration session was followed by four keynote presentations made by Prof. Harsh Gupta, Prof. Kenji Satake, Dr. Paramesh Banerjee and Prof. Zhongliang Wu.

The ASC sessions in the conferences were:

S2-1-2 Strong motions, early warning, and lessons from great earthquakes

S2-2-3 Anthropogenic seismicity: Induced and triggered earthquakes

S2-3-6 Global seismo-geodetic observation: GPS, strain accumulation and silent earthquakes

S3-1-6 Seismic hazard assessment

S5-1-1 Regional cooperation in seismo-geodesy: An ASC initiative

During the 3-day Assembly, the ASC Executive Committee had three Bureau Meetings and one Council Meeting. An unanimous resolution was passed to adopt a new constitution of the ASC with revised original ASC Statutes adopted in 1996, introducing some major changes in vision and mission statements. The revised constitution is awaiting ratification by IASPEI.

Elaborate discussions were also held on inadequate state of earthquake disaster preparedness in most of the Asian countries and an immediate need to set up a Pan-Asian Centre under control of the ASC to facilitate data sharing, technology transfer and capacity building within Asian countries towards building a better earthquake resilient society.

A special meeting was arranged with Prof. Guoguang Zheng, the Vice Minister of Emergency Management and the Administrator of the China Earthquake Administration (CEA), other senior CEA officials, Prof. Thorne Lay, President, IASPEI

and Dr. Paramesh Banerjee, President, ASC. In the meeting, among other things, need for a closer cooperation between the CEA and ASC towards seismological research, earthquake disaster preparedness and regional as well as international collaborative approaches were highlighted. It was emphasized that the Belt and Road Initiative (BRI) of the China government involves a vast region of the Asian continental land mass. This opens for a regional scientific cooperation between the participating Asian countries towards better earthquake disaster mitigation under the BRI umbrella, where ASC can play an active role.

Finally, at the valedictory session of the Conference, a number of recommendations were adopted and declared as The Wenchuan Resolution, out of which the following three are most relevant to the ASC:

- As an outcome of the *International Conference for the Decade Memory of the Wenchuan Earthquake*, the inter-governmental-agency collaboration for seismic safety along ‘*the Belt-and-Road (the Silk Road Economic Belt and the 21st-Century Maritime Silk Road)*’ was advocated.
- The 4th International Conference on Continental Earthquakes (4th ICCE) announced the launching of the China Seismic Experiment Sites in the Sichuan-Yunnan region and the Tianshan-Pamir region, and calls for international cooperation.
- The 12th General Assembly of the Asian Seismological Commission (ASC) proposes to take up a major initiative for international cooperation to establish an integrated Asia-Pacific seismic and geodetic observation facility.

Meetings Calendar

We report below titles, dates, places and websites of the forthcoming meetings relevant to the interests of IASPEI scientists. If you are aware of events not listed below, please inform the Secretary General.

2018

13th Annual AfricaArray Workshop

June 24 – July 27, 2018, Johannesburg, South Africa

URL: <http://africaarray.psu.edu/>

16th SEDI 2018

July 8 – 13, 2018, Edmonton, Alberta, Canada

URL: <https://sedi2018.sciencesconf.org/>

International Symposium on Geodesy and Geodynamics (ISGG2018)

July 30 – August 2, 2018, Kunming, China

URL:

<http://isgg2018.csp.escience.cn/dct/page/1>

Goldschmidt2018

August 12 – 17, 2018, Boston, MA, USA

URL: <https://goldschmidt.info/2018/>

1st International Conference on Earthquakes and Tsunamis

August 23 – 24, 2018, Huatulco, Oaxaca, Mexico

Contact: Nelly Zúñiga

nellyzuniga@huatulco.umar.mx

36th General Assembly of the European Seismological Commission (ESC)

September 2 – 7, 2018, Valletta, Malta

URL: www.escmalta2018.eu

10th International Conference “Cities on Volcanoes”

September 2-7, 2018, Naples, Italy

URL: <https://www.citiesonvolcanoes10.com>

2nd International Geothermal Conference GEOHEAT 2018

September 4 - 7, 2018, Petropavlovsk-Kamchatsky, Russia

Contact: geoheat2018@yandex.ru

Australian Geoscience Council Convention (AGCC) 2018

October 14 -18, 2018, Adelaide, Australia

URL: <https://www.agcc.org.au>

Geophysical Methods in Decision of Actual Problems of Modern Seismology” - TASECO-2018 (Tashkent Seismological Conference – 2018)

October 15 – 16, 2018, Tashkent, Uzbekistan

Contact: tash.seismo2018@mail.ru &

taseco2018@gmail.com

6th Assembly of the Arab Conference on Astronomy and Geophysics (ACAG)

October 15 – 17, 2018, Cairo, Egypt

URL: <https://acag-conf.net>

2nd International School on Advanced Modeling of Seismic Hazard in Africa

October 17 – 18, 2018, Helwan, Cairo, Egypt

URL: <https://acag-conf.net/advanced-modeling-seismic-hazard-africa/>

AGU Fall Meeting

December 10 – 14, 2018, Washington D.C., USA

URL: <https://fallmeeting.agu.org/2018/>

2019

EGU General Assembly 2019

April 7 – 12, 2019, Vienna, Austria

URL: <http://www.egu2019.eu/>

Seismological Society of America (SSA)

April 23 – 26, 2019 Seattle, Washington, USA

URL: <https://www.seismosoc.org/meetings/>

27th IUGG General Assembly

July 8 – 18, 2019, Montreal, Canada

URL: <http://iugg2019montreal.com/>

AOGS2019 16th Annual Meeting

July 28 – August 2, 2019, Singapore

URL:

<http://www.asiaoceania.org/aogs2019/public.asp?page=home.htm>

AGU Fall Meeting

December 9 – 13, 2019, San Francisco, USA

2020

AOGS2020 17th Annual Meeting

June 28 – July 4, 2020, South Korea

LACSC General Assembly

July 2020, Quito, Ecuador

2021

AOGS2021 18th Annual Meeting

August 1 – 6, 2021, Singapore

2nd Joint IAGA-IASPEI Scientific Assembly

August 22 – 27, 2021 Hyderabad, India

General Information about IASPEI

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

The other IUGG Associations are:

Int'l Association of Cryospheric Sciences [IACS]

Int'l Association of Geodesy [IAG]

Int'l Association of Hydrological Sciences [IAHS]

Int'l Association of Meteorology and Atmospheric Sciences [IAMAS]

Int'l Association for the Physical Sciences of the Oceans [IAPSO]

Int'l Association of Geomagnetism and Aeronomy [IAGA]

Int'l 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

Since July 2015, all scientists participating in IASPEI activities are counted as members of IASPEI (see <http://www.iaspei.org/statutes.html>). IASPEI welcomes

all scientists throughout the world to join in seismological research.

IASPEI is subdivided into several 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

IASPEI can be found on the web 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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