

IASPEI Newsletter

October 2022

IN THIS ISSUE

Foreword.....	1
IUGG General Assembly 2023.....	2
IASPEI related Symposia during the IUGG GA 2023.....	2
2023 IASPEI Bureau and Executive Committee elections.....	6
Call for IASPEI Medal 2023 nominations.....	7
Training school on modelling glacial isostatic adjustment (GIA).....	7
New census of legacy seismograms launched.....	7
CTBT: Science and Technology conference SnT2023....	8
Report from EMSEV2022.....	9
Obituary.....	10
Meetings Calendar.....	10
General Information about IASPEI.....	11

Foreword

Dear Readers,

I hope this Newsletter finds you all well.

In this issue we publish some general information about the forthcoming IUGG General Assembly (GA) in Berlin, in 2023. The abstract submission has been opened and we list here for your information all planned IASPEI related Symposia during the conference. Please consider your participation and send your contributions.

Then, we inform about the planned elections of IASPEI officers during the IUGG GA and publish a call for nominations for the IASPEI Medal 2023.

We further inform about an IASPEI co-sponsored IASPEI-IAG joint training school, a census of legacy seismograms in Europe and the CTBT SnT2023 conference.

The Inter-association working group (IAGA, IASPEI, IAVCEI) on Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV) had a meeting and sent us a report.

Then, I must inform you with great sadness that one of our colleagues passed away. We remember him with an obituary.

The still ongoing COVID-19 pandemic continues to strongly influence our international cooperation and Association activities. If you plan to participate in any events in 2022 or 2023, please regularly check the corresponding webpages in our Meetings Calendar.

Please do not forget to send me information or corrections about international conferences and workshops with IASPEI related topics. This list can only be complete and correct if I receive information about such events and can update the Meetings Calendar of future Newsletters.

All the best and stay healthy,

Johannes Schweitzer
Secretary General

IUGG General Assembly 2023

IASPEI related Symposia during the IUGG GA 2023



The 28th IUGG General Assembly (IUGG2023 GA), <https://www.iugg2023berlin.org> will be held from 11 to 20 July 2023 at the City Cube in Berlin, Germany. The IUGG GA is one of the world's most important geoscientific events, with more than 5000 participants. It takes place every four years.

Since some Assemblies, IASPEI activities are concentrated in the 2nd half of the Assembly. So, all IASPEI Symposia and all Joint Symposia with IASPEI participation are scheduled from Friday 14 to Wednesday 19 July 2023.

Important dates for Assembly participants:

- 14 February 2023
Abstract submission and grant application closes
- 17 March 2023
Information of participants on abstract acceptance and the results of the grant applications
- 28 April 2023
Early bird registration closes
- 12 May 2023
Publication of program

During the forthcoming IUGG2023 GA, IASPEI is involved with Conveners or Co-Conveners in the organization of 50 Symposia of which 30 are under the leadership of IASPEI. The full description of the Symposia can be found on the conference website following the link 'Program' (<https://www.iugg2023berlin.org>).

IASPEI Symposia

- S01 Observational Seismology – Open Session** Convener: Torsten Dahm (Germany) Co-Conveners: Domenico Di Giacomo (UK), Johannes Schweitzer (Norway)
- S02 International, National, Regional and Local Networks and Earthquake Data Centers: Highlights and Challenges** Convener: Dmitry Storchak (UK) Co-Conveners: Kristin Pankow (USA)
- S03 Seismic Scattering and Absorption, Ambient Noise, and Monitoring Earth's Structure** Convener: Hisashi Nakahara (Japan), Co-Conveners: Ulrich Wegler (Germany), Ludovic Margerin (France)
- S04 Advancements in Acquisition, Processing and Interpretation of Seismological Data** Convener: Francesco Grigoli (Italy) Co-Conveners: Mostafa Mousavi (USA), Aitaro Kato (Japan)
- S05 Advances in Earthquake and Explosion Monitoring Using Distributed Acoustic Sensing** Convener: Ben Dando (Norway) Co-Conveners: Charlotte Krawczyk (Germany), Meghan Miller (Australia), Herb Wang (USA)
- S06 Pre-Instrumental Earthquake Data** Convener: Paola Albinì (Italy) Co-Conveners: Kenji Satake (Japan)

S07 Scientific Drilling and Downhole Monitoring – A Key to Understand Geohazards Convener: Harold Tobin (USA) Co-Conveners: Sukanta Roy (India), Kuo-Fong Ma (Taiwan), Patricia Martínez-Garzón (Germany), Thomas Wiersberg (Germany)

S08 Anthropogenic Seismicity Convener: Stanislaw Lasocki (Poland) Co-Conveners: Thomas H. Goebel (USA), Haijiang Zhang (China), Beata Orlecka-Sikora (Poland)

S09 Earthquake Ground Motion and Seismic Hazard Convener: Fabrice Cotton (Germany) Co-Conveners: Trevor Allen (Australia), Dino Bindi (Germany), Carlo Cauzzi (Switzerland), Kuo-Fong Ma (Taiwan), Hiroe Miyake (Japan), Eric Thompson (USA)

S10 Multi-Hazard Risk Assessment Convener: Katsuichiro Goda (Canada) Co-Conveners: Chen Huang (Norway)

S11 Site Response in Urban Areas Convener: Stefano Parolai (Italy) Co-Conveners: Roberto Paolucci (Italy), Philippe Gueguen (France)

S12 Recent Devastating Earthquakes Convener: Kenji Satake (Japan) Co-Conveners: Thorne Lay (USA), Dmitry Storchak (UK), Li Li (China)

S13 Development, Testing and Application of Earthquake Forecasting Models Convener: Annemarie Christophersen (New Zealand) Co-Conveners: Eleftheria Papadimitriou (Greece), Sebastian Hainzl (Germany), Jiangang Zhuang (Japan), Andrea Llenos (USA), Rodolfo Console (Italy)

S14 New Advances in Understanding the Earth's Crust Dynamics in the Light of Solving the Problem of Earthquake Forecasting Convener: Sergey Pulinet (Russia) Co-Conveners: Jure Žalohar (Slovenia), Blaž Vičič (Switzerland)

S15 Boundary Layers in Earth's Mantle: Origin, Structure, and Influence on Convection Convener: Morvarid Saki (Germany) Co-Conveners: Lauren Waszek (Australia), Rashni Anandawansa (USA)

S16 Earthquake Source Mechanics Convener: Satoshi Ide (Japan) Co-Conveners: Simone Cesca (Germany), Keisuke Ariyoshi (Japan), Daniela Kühn (Norway), Germán Prieto (Colombia), Seok Song (South Korea)

S17 European Lithosphere Convener: Thomas Meier (Germany) Co-Conveners: Claudio Faccenna (Italy), Claudia Piromallo (Italy), Enrico Serpelloni (Italy), Josip Stipčević (Croatia)

S18 Integrating Seismic Tomography With Mineral Physics and Potential Fields to Describe the Crust and Upper Mantle Physical State Convener: Judith Bott (Germany) Co-Conveners: Ajay Kumar (Germany), Magdalena Scheck-Wenderoth (Germany), Ulrich Achauer (France)

S19 Fabrics and Dynamics of the Lithosphere-Asthenosphere System Imaged by Seismic Anisotropy and Integrated Studies Convener: Jaroslava Plomerova (Czech Republic) Co-Conveners: Juan Carlos Afonso (Netherlands), Ulrich Achauer (France)

S20 Education & Outreach to Ensure Success of Earthquake Early Warning Programmes Convener: Alison Bird (Canada) Co-Conveners: Raju Sarkar (Bhutan), Xyoli Pérez-Campos (Mexico)

S21 Seismology Education and Inclusive Environments Convener: Raju Sarkar (Bhutan) Co-Conveners: Aaron Velasco (USA), Xyoli Pérez-Campos (Mexico)

Joint Symposia with IASPEI as lead Association

JS01 Cryoseismology (IASPEI, IACS, IAG)

Convener: Andreas Köhler (Norway, IASPEI) Co-Conveners: Alex Brisbourne (UK, IACS), Bernd Kulesa (UK, IACS), Mirko Scheinert (Germany, IAG), Masaki Kanao (Japan, IASPEI)

JS02 Seismo – Geodesy (IASPEI, IAG)

Convener: Takuya Nishimura (Japan, IASPEI) Co-Conveners: Jean-Mathieu Noquet (France, IAG)

JS03 Probing the Earth's Lithosphere: Understanding Tectonic, Volcanic, Cryotonic and Geodynamic Processes Using Geophysical Methods (IASPEI, IAG, IAGA)

Convener: Uli Achauer (France, IASPEI) Co-Conveners: Holger Steffen (Sweden, IAG), Foteini Vervelidou (Italy, IAGA)

JS04 Monitoring, Imaging and Mapping of Volcanic Areas (IASPEI, IAG, IAVCEI, IAGA)

Convener: Thomas Walter (Germany, IASPEI) Co-Conveners: Ronni Grapenthin (USA, IAG), Takeshi Hashimoto (Japan, IAGA), Federico Lucchi (Italy, IAVCEI)

JS05 Real-Time GNSS Data and Products Usage: Interoperability and Management Challenges (IASPEI, IAG, IAVCEI, IAPSO)

Convener: Angelo Strollo (Germany, IASPEI) Co-Conveners: Antonio Avallone (Italy, IAG), Yuhe Tony Song (USA, IAPSO), Clinton John (Switzerland, IASPEI), Giuseppe Puglisi (Italy, IAVCEI)

JS06 Joint Inversion of Different Geophysical Data Sets (IASPEI, IAGA, IAG, IAVCEI)

Convener: Christel Tiberi (France, IASPEI) Co-Conveners: Mareen Lösing, (Germany, IAG), Max Moorkamp (Germany, IASPEI/IAGA), Alexander Grayver (Switzerland, IAGA), Luca D'Auria (Spain, IAVCEI)

JS07 Geophysical Constraints on the Earth's Deep Interior Combining Modelling and Observations (IASPEI, IAGA, IAG, SEDI) Convener: Jérémy Requier (Belgia, IASPEI) Co-Conveners: Carla Braintenberg (Italy, IAG), David Cebbron (France, IAHS)

JS08 Advances in Heat Flow Studies: From Fundamental Geodynamic Understanding to Geothermal Energy Applications (IASPEI, IAVCEI, IHFC)

Convener: Ben Norden (Germany, IAVCEI) Co-Conveners: Ivone Jimenez Munt (Spain, IASPEI), Sukanta Roy (Malaysia, IASPEI)

JS09 Early Warning Systems for Geohazards (IASPEI, IAVCEI, IAHS, IAG)

Convener: Elisa Zuccolo (Italy, IASPEI) Co-Conveners: John LaBrecque (USA, IAG), Maria-Helena Ramos (France, IAHS), Roberto Sulpizio (Italy, IAVCEI)

Joint Symposia with IASPEI participation

JA01 Machine Learning in Geo-, Ocean and Space Sciences (IAGA, IAVCEI, IAHS, IASPEI, IAMAS, IAPSO)

Convener: Peter Wintoft (Sweden, IAGA) Co-Conveners: Hristos Tyrallis (Greece, IAHS), Dave Reusch (USA, IAMAS), Istvan Szunyogh (USA, IAMAS), Fatma Jebri (UK, IAPSO), Gesa Maria Petersen (USA, IASPEI), Silvia Massaro (Italy, IAVCEI)

JA02 Data Assimilation and Statistical Learning in Earth and Space Sciences (IAGA, IACS, IAHS, IAMAS, IASPEI)

Convener: Tomoko Matsuo (USA) Co-Conveners: Patricia de Rosnay (UK, IACS), Julien Aubert (France, IAGA), Larry Kepko (USA, IAGA), Salvatore Grimaldi (Italy, IAHS), Craig Bishop (Australia, IAMAS), Kerry Gallagher (France, IASPEI)

JA03 Analogue Data for the Future: Preservation and Present-Day Utilization of Historical Data in the Geosciences (IAGA, IACS, IASPEI, IAHS, IAG, IAPSO) Convener: Ciarán Beggan (UK, IAGA) Co-Conveners: Lauren Vargo (New Zealand, IACS), Kirsten Elger (Germany, IAG), Hisashi Hayakawa (Japan/UK, IAGA), Alberto Viglione (Italy, IAHS), Satheesh S.C. Shenoi (India, IAPSO), Josep Batlló Ortiz (Spain, IASPEI), Kristine Harper (Denmark, IASPEI), Roberto Carniel (Italy, IASPEI)

JA04 Marine Geodesy and Geophysics – Opportunities & Hazards (IAGA, IAG, IASPEI, IAVCEI) Convener: Sebastian Hölz (Germany, IAGA) Co-Conveners: Valérie Ballu (France, IAG), Alberto Viglione (Italy, IAHS), Heidrun Kopp (Germany, IASPEI), Paraskevi Nomikou (Greece, IAVCEI)

JA07 Interdisciplinary Observations of Pre-Earthquake Processes. The Concept of Lithosphere- Atmosphere- Ionosphere Coupling (IAGA, IASPEI, EMSEV) Convener: Mala Bagiya (India, IAGA) Co-Conveners: Dimitar Ouzounov (USA, IASPEI/EMSEV), Sergey Pulinet (Russia, IASPEI/EMSEV), Katsumi Hattori (Japan, IASPEI/EMSEV), Patrick Taylor (USA, IASPEI/EMSEV)

JA08 Ground and Satellite Electromagnetic Observations Related to Earthquakes, Tsunami's and Volcanic Activity (IAGA, IASPEI, EMSEV, IAVCEI) Convener: Ramesh Singh (India/USA, EMSEV) Co-Conveners: Ken'ichi Yamazaki (Japan, EMSEV), Qingjua Huang (China, IASPEI/EMSEV), Takeshi Hasimoto (Japan, IAVCEI/EMSEV)

JC06 Mountain Cryosphere Hazards (IACS, IAVCEI, IASPEI) Convener: Holger Frey (Switzerland, IACS/GAPHAZ) Co-Conveners: Michele Koppes (Canada, IACS/GAPHAZ), Mylene Jacquemart (Switzerland, IACS/GAPHAZ), Fabian

Walter (Switzerland, IASPEI), Roberto Sulpizio (Italy, IAVCEI)

JG01 Interactions of the Solid Earth With Ice Sheets and Sea Level (IAG, IACS, IASPEI) Convener: Rebekka Steffen (Sweden, IAG/IASPEI) Co-Conveners: Bert Wouters (Netherlands, IACS), Natalya Gomez (Canada, IAG/IACS), Lambert Caron (US, IAG), Doug Wiens (US, IASPEI)

JG07 Modern Gravimetric Techniques for Geosciences (IAG, IAVCEI, IAPSO, IASPEI) Convener: Jürgen Müller (Germany, IAG) Co-Conveners: Chris Hughes (UK, IAPSO), Rudolf Widmer-Schmidrig (Germany, IASPEI), Emily Montgomery-Brown (USA, IAVCEI)

JH01 New, Large, and Open Data for the Earth and Environmental Science Community (IAHS, IAPSO, IACS, IAGA, IASPEI) Convener: Heidi Kreibich (Germany, IAHS) Co-Conveners: Charles Fierz (Switzerland, IACS), Masahito Nosé (Japan, IAGA), Elena Tel Pérez (Spain, IAPSO), Florian Haslinger (Switzerland, IASPEI)

JH04 Anthropocene: Perspectives From and Within Geophysics (IAHS, IAMAS, IACS, IASPEI, IAVCEI, IAG, IAPSO) Convener: Christophe Cudennec (France, IAHS) Co-Conveners: Richard Essery (UK, IACS), Melita Keywood (Australia, IAMAS/iCACGP), Mark Lawrence (Germany, IAMAS/iCACGP), Domenico Giardini (Switzerland, IASPEI), Roberto Sulpizio (Italy, IAVCEI)

JH05 Citizen Science, Crowdsourcing and Innovative Monitoring for Advancing Geo-Sciences (IAHS, IASPEI, IAGA, IACS, IAMAS) Convener: Fernando Nardi (Italy, IAHS) Co-Conveners: Ryan Crumley (USA, IACS), Manoj Nair (USA, IAGA), Thomas Spengler (Norway, IAMAS), Rémy Bossu (France, IASPEI)

JM03 Polar Regions Instrumentation (IAMAS, IACS, IASPEI) Convener: Tracy Moffat-Griffin (United Kingdom, IAMAS) Co-Conveners: Alexis Berne (Switzerland, IACS), Matthew Lazzara (USA, IAMAS), Adam T. Ringler (USA, IASPEI)

JP01 Tides (IAPSO, IAHS, IAGA, IASPEI, IAG) Convener: Joanne Williams (UK, IAPSO) Co-Conveners: Jean-Paul Boy (France, IAG), Nick Pedatella (USA, IAGA), Christophe Cudennec (France, IAHS), Philip Woodworth (UK, IAPSO), Evgeniy Podolskiy (Japan, IASPEI)

JP04 Ice Sheet-Ocean Interactions: Challenges and Insights From Theory, Observations and Modelling (IAPSO, IACS, IASPEI) Convener: Felicity McCormack (Australia, IAPSO), Isabel Nias (UK, IACS) Co-Conveners: Donald Slater (UK, IACS), Sue Cook (Australia, IACS), Yoshihiro Nakayama (Japan, IAPSO), Helene Seroussi (USA, IACS/IAPSO), Rick Aster (USA, IASPEI)

JP05 Tsunamis (IAPSO, IASPEI, IAVCEI, IAMAS, IAG) Convener: Yuichiro Tanioka (Japan, IASPEI) Co-Conveners: Maitane Olabarrieta (USA, IAMAS), Diana Greenslade (Australia, IAPSO), Maria Ana Baptista (Portugal, IAPSO), Alexander Rabinovich (Russia, IASPEI), Mohammad Herdarzadeh (UK, IASPEI), Yuichi Nishimura (Japan, IAVCEI)

JV04 Volcano Seismology (IAVCEI, IASPEI) Convener: Jürgen Neuberg (UK, IASPEI/IAVCEI) Co-Conveners: Luca de Siena (Germany, IASPEI)

JV05 Strain Localisation and Seismic and Volcanic Hazards (IAVCEI, IASPEI, IAG) Convener: Jürgen Neuberg (UK, IASPEI/IAVCEI) Co-Conveners: Philippe Jousset (Germany, IASPEI)

JV06 Geophysics of Solar System Planets (IAVCEI, IASPEI, IAG, IAGA) Convener: Alessandro Bonforte (Italy, IAVCEI) Co-Conveners: Kumiko Hori (Japan, IAGA), Philippe Lognonné (France, IASPEI)

JV07 Structure and Composition of the Earth Mantle and Crust (IAVCEI, IASPEI, IAGA, ILP) Convener: Luca Caricchi (Switzerland, IAVCEI) Co-Conveners: Kate Selway (Australia, IAGA), Christine Thomas (Germany, IASPEI), Gabi Laske (USA, IASPEI)

2023 IASPEI Bureau and Executive Committee elections

During the forthcoming General Assembly in Berlin in July 2023, IASPEI must elect the members of the IASPEI Bureau and the IASPEI Executive Committee. Following the IASPEI Statutes and By-Laws, the IASPEI President Kenji Satake has appointed “a Nominating Committee whose charge is to bring before the Plenary Meeting of the Association at the quadrennial General Assembly a slate of candidates for election”. The nomination committee for the 2023 elections consist of

Thorne LAY (Past-President and Committee Chair, USA), tlay@ucsc.edu

Keiko KUGE (National Representative, Japan), keiko@kugi.kyoto-u.ac.jp

Marcelo ASSUMPCÃO (Past IASPEI ExeCom Member, Past Secretary General LACSC, Brazil), marcelo@iag.usp.br

Päivi MÄNTYNIEMI (Past Ass. Secretary ESC, Finland), paivi.mantyniemi@helsinki.fi

Paulina AMPONSAH (AfSC President, Ghana), pekua2@yahoo.com

If you want to propose somebody as member of the Bureau or the Executive Committee, please contact the nomination committee.

Call for IASPEI Medal 2023 nominations

The award of an IASPEI medal has been decided during the 2011 General Assembly in Melbourne.

The IASPEI medal is awarded for sustaining IASPEI goals and activities and for scientific merits in the field of seismology and physics of the Earth's interior. The IASPEI Bureau is in charge of taking the decision about who, among the candidates nominated at large, will be the medal recipient.

Until now, the IASPEI Medal has been awarded to Robin Adams (2013), Willie H.K. Lee (2015), Bob Engdahl (2017), Brian Kennett (2019) and Barbara Romanowicz (2021).

Nominations of candidates for the IASPEI Medal 2023 are due until 28 February 2023.

Please send nominations attached with a CV of the candidate and a letter of motivation for the nomination to:

Johannes Schweitzer, IASPEI Secretary General (iaspei@norsar.no)

geoid variations, and a 1-day field trip to examine records of land uplift and sea level change.

The course is targeted at individuals who are working on (or will soon start working on) GIA modelling, or topics directly related to GIA modelling. It is aimed at graduate students and early career scientists, but all interested parties are encouraged to apply regardless of age or experience level. An introduction to the fundamentals and applications of GIA modelling will be provided, no previous modelling experience is required.

For more details visit the webpage: <https://polenet.org/2023-gia-training-school/>

Applications open on November 1st, 2022.

Deadline for applications is January 31st, 2023.

Please send any queries to: 2023.gia.school@gmail.com

The organising committee (Lambert Caron, Volker Klemann, Andrew Lloyd, Jun'ichi Okuno, Stephanie Sherman, Holger Steffen, Rebekka Steffen, Pippa Whitehouse, Terry Wilson, Maryam Yousefi)

Training school on modelling glacial isostatic adjustment (GIA)



A training school on glacial isostatic adjustment (GIA) modelling will be held from 3 – 7 July 2023 at Lantmäteriet, Gävle, Sweden. The program will include lectures and practical exercises aimed at investigating the interactions between solid Earth deformation, ice mass change, and associated sea-level and

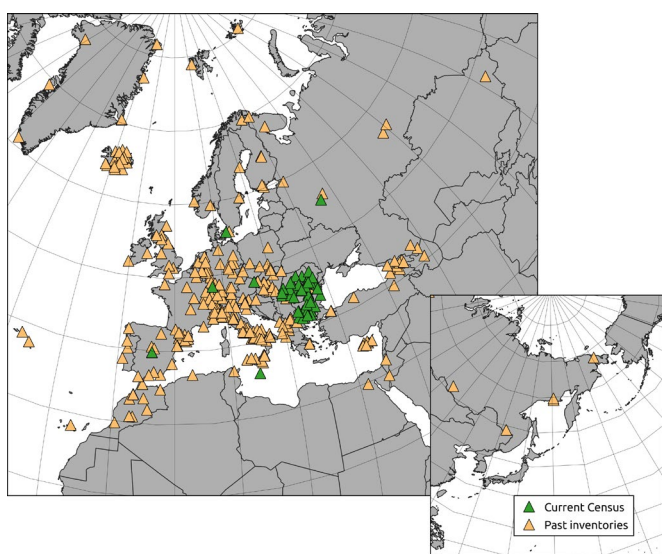
New census of legacy seismograms launched

The ESC Working Group (ESC WG) 02-12 on "Methods and data for the Study of Earthquakes Recorded on Pre-WWSSN Seismograms" is working on improving our knowledge of the legacy seismic data preserved in Europe and the Euro-Mediterranean Area.

Europe has a long tradition of seismological observation, but its heritage is dispersed in institutions throughout the continent in varying states of preservation. For this reason, the ESC WG dedicated to legacy seismology decided to launch a survey to compile a new inventory of such datasets preserved in

CTBT: Science and Technology conference SnT2023

institutions worldwide. This should provide an actualized picture of the situation of this heritage and, in turn, should allow better coordination of collective initiatives to improve its preservation, dissemination, and valorization. The survey builds upon past similar European initiatives and has already compiled a number of entries (see map below). We encourage all institutions in possession of legacy seismograms to fill in the survey and distribute it to other potentially interested candidates. Please, complete it “to the best of your knowledge” as any information on where any seismograms currently are stored can be valuable.



The survey is open to any institution in charge of legacy seismograms, in Europe or abroad. It can be filled in online at <https://tinyurl.com/LegacySeis> or, if it is easier for you, you may fill it in as an Excel spreadsheet that we send upon request. Do not hesitate to contact us for any questions or comments on the survey at info@legacy-seismograms.eu.

Josep Battló, Raphael De Plaen, Thomas Lecocq

The Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO) relies on innovation to enhance the capabilities of the Treaty’s verification regime as well as to help move the Treaty closer to universalization and entry into force. As the seventh event in the CTBT: Science and Technology conference series, SnT2023

(<https://conferences.ctbto.org/event/23/>) will bring together well over 1000 scientists, technologists, academics, students, and representatives of the CTBTO’s policy making organs. In addition, representatives from the fields of research and development, science diplomacy, science advisory, media and advocacy are invited to attend the conference.

SnT2023 is scheduled to take place at the Hofburg Palace in Vienna, Austria, featuring virtual components for active online participation to support broader outreach and global inclusiveness. While restrictions on physical attendance at SnT2023 due to COVID-19 are not currently foreseen, the structure of the conference will be hybrid and remain flexible in order to adapt to any circumstances as needed.

Conference Objectives:

- Identify opportunities and methods to improve nuclear-test-ban monitoring and on-site inspection;
- Demonstrate how scientific developments and cooperation can support national needs, frame policy objectives in support of the CTBT and promote its universalization;
- Broaden, connect and strengthen the scientific communities working in nuclear-test-ban monitoring and on-site inspection, including young scientists, and to enhance the geographical and gender representations of these communities;
- Promote civil and scientific applications, capacity building and training related to CTBT techniques and data.

Abstract deadline: 30 November 2022
Contact info: The SnT Organizing Team
snt@ctbto.org

Report from EMSEV2022

Electromagnetic Studies of Earthquakes and Volcanoes (EMSEV) is a joint Inter-association (IAGA, IASPEI, and IAVCEI) working group in IUGG. From August 22 to 24, 2022, EMSEV2022 was held at National Central University in Taiwan. The meeting was initially scheduled for the summer of 2020 but was postponed for two years due to COVID-19.

EMSEV2022 was planned mainly by Professor J. Y. Liu of National Central University (NCU), Taiwan (EMSEV Bureau, IAGA liaison). Originally EMSEV2022 was scheduled from August 22 to 26. The last two days had originally planned a visit to the Taiwan Volcano Observatory (TVO) on August 25 and a visit to the 921 Chi-Chi Earthquake Museum on August 26. However, due to the low number of participants from overseas, they were canceled. The meeting was held both face-to-face and online. EMSEV2022 was hosted by NCU and co-sponsored by Academia Sinica and NCU Space Physics and Engineering Center (<https://irsl.ss.ncu.edu.tw/emsev2022>).

During EMSEV2022, six sessions were organized:

- Session 1 Electromagnetic methods for seismicity and volcano monitoring
- Session 2 Theoretical and laboratory studies for understanding seismic and volcanic phenomena
- Session 3 Satellite observations for volcanic and seismic hazard assessment and monitoring
- Session 4 Earthquake and volcano related phenomena investigation by

multidisciplinary and multiparametric approaches

Session 5 Magnetospheric, ionospheric, atmospheric, and lithospheric coupling

Session 6 Electromagnetic signals associated with earthquakes and volcanic eruptions

In addition, a special session, "Hunga Tonga Hunga Ha'apai volcano eruption on January 15, 2022" was held. Incidentally, this Tonga eruption special session was held as all invited lectures.

The number of submitted abstracts were 60. The number of participants was slightly over 80 from 10 participating countries and regions (Taiwan, China, USA, Japan, France, Italy, Russia, Greece, India, and Fiji). The detailed program of EMSEV2022 can be found on the EMSEV website: <https://www.emsev-iugg.org/emdoc/EMSEV2022program.pdf>.

After the scientific session, on September 9, a bureau meeting was held to summarize the meeting and discuss the venue of the 2024 EMSEV General Assembly. Professor S. Kumar of The University of the South Pacific in Fiji and Professor F. Vallianatos of the National and Kapodistrian University of Athens in Greece have proposed to invite the next EMSEV General Assembly.

Both proposals were extremely attractive, and it was difficult to decide which was better. However, since EMSEV2022 was mainly organized through networks, many bureau members wanted to hold a face-to-face meeting next time. It is unknown what the pandemic will be like in two years, however, most bureau members believe that it will be easier to travel to Greece in comparison with Fiji. Therefore, we agreed that the EMSEV2024 will be held in Crete, Greece, in late September 2024.

Toshiyasu Nagao, EMSEV chair

Obituary

Ion Ilies (1956 – 2022)



Suffering from a chronic illness, Ion Ilies – head of the Seismic Monitoring Center of the Institute of Geology and Seismology Republic of Moldova, died on September 5, 2022, at the age 66.

His parents, along with thousands of other families from Moldova, were deported in 1949 by the Soviet Government to Siberia. There, in the village of Novo-Derevensk, Yurghinsky district, Tyumen region, Russia, on March 10, 1956 was born their son Ion Ilies.

After returning to his homeland in the Republic of Moldova, Ion Ilieș was graduated from the Faculty of Physics and Mathematics of the "Ion Creangă" State University (1979). In the same year he started working at the Institute of Geology and Seismology Moldavian Academy of Sciences. Almost immediately after that, he was drafted into the Soviet Army. A year later, upon his return he continued to work at the Seismic Monitoring Center of the Institute. Starting as an engineer, he went through all the stages of career growth and ended up as the head of the Center. In this position, he activated for more than 20 years, until the last day of his life.

Ion Ilieș showed himself as a good specialist – seismologist, good mentor for his younger colleagues and a good organizer. Under his direct leadership, the national network of seismic stations was significantly expanded, the Seismic Monitoring Center was equipped with modern digital equipment and included in the European and world network of seismological observations.

Ion Ilies also contributed substantially to the strengthening of the Institute's international relations, actively participating in the implementation of joint projects with specialists from Romania, Bulgaria, Turkey and others.

In his professional activity Ion Ilies also dedicated himself to education activities. He constantly held lectures and trainings on the nature of earthquakes, seismic hazard and protective measures for decision makers, emergency response specialists, teachers and schoolchildren.

Anyone who knew him remembers him only in good words.

We offer our sincere condolences to his family, to all who knew and appreciated him.

Vasile ALCAZ, dr. hab., Institute of Geology and Seismology, Republic of Moldova

Meetings Calendar

We report below forthcoming meetings relevant to the interests of IASPEI scientists. If you are aware of events not listed below or changes regarding these events, please inform the Secretary General.

2022

Deep Earth Doctoral School

October 24 – November 4, 2022, Les Houches, France

URL: <https://deepearthschool.github.io/>

XXth General Assembly of WEGENER
October 25 – 29, 2022, Marrakech, Morocco
URL: <https://wegener2021.sciencesconf.org>

6th Workshop of International Working Group on Rotational Seismology
November 21 – 23, 2022 Paris, IPG
URL: <https://www.rotational-seismology.org/events/workshops/2022>

AGU Fall Meeting
December 12 – 16, 2022, Chicago, USA
URL: <https://www.agu.org/Fall-meeting>

2023

EGU General Assembly 2023
April 23 – 28, 2023, Vienna, Austria
URL: <https://www.egu23.eu/>

CTBT: Science and Technology (SnT2023)
June 19 – 23, 2023, Vienna, Austria
URL: <https://conferences.ctbto.org/event/23/>

Glacial isostatic adjustment training school
July 3 – 7, 2023, Gävle, Sweden
URL: <https://polenet.org/2023-gia-training-school/>

IUGG 28th General Assembly (IASPEI 42nd General Assembly)
July 11 – 20, 2023, Berlin, Germany
URL: <https://www.iugg2023berlin.org/>

20th Annual Meeting AOGS
July 30 – August 4, 2023, Singapore
URL: <https://www.asiaoceania.org/aogs2023/public.asp?page=home.asp>

AGU Fall Meeting
December 11 – 15, 2023, San Francisco, USA

2024

EGU General Assembly 2024
April 14 – 19, 2024, Vienna, Austria

ESC General Assembly
September, Corfu, Greece

EMSEV 2024
September, Crete, Greece

LACSC General Assembly
TBD, Costa Rica

AGU Fall Meeting
December 2024, Washington, USA

2025

IASPEI 43rd Scientific Assembly as Joint Assembly with IAGA
2025, Lisbon, Portugal

AGU Fall Meeting
December 2025, New Orleans, USA

2026

AGU Fall Meeting
December 2026, San Francisco, USA

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:

- International Association of Cryospheric Sciences [IACS]
- International Association of Geodesy [IAG]
- International Association of Geomagnetism and Aeronomy [IAGA]
- International Association of Hydrological Sciences [IAHS]
- International Association of Meteorology and Atmospheric Sciences [IAMAS]
- International Association for the Physical Sciences of the Oceans [IAPSO]
- International 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 as joint 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/about/statutes-and-by-laws>). 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 websites. 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 website gives, or provides links to, information on the range of IASPEI activities

The IASPEI Website

The IASPEI website is hosted by the International Seismological Centre (ISC) in Thatcham, UK and can be found 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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