



HIGHLIGHTS AT A GLANCE

- 08:30 – Scientific research in a changing European Union: where we stand and what we aim for? (US5: Room E1); Open Data, Reproducible Research, and Open Science (ESS13.5: PICO spot 1); Outer planets systems (PS3.1: Room M2); Management, restoration and rehabilitation of degraded and fire affected lands (SSS8.3: Room K2)
- 12:15 – Photo competition winners announcement (EGU Booth)
- 13:30 – Medical geology (IE1.5/BG1.41/GMPV6.13/SSS13.71: Room N2); Induced and triggered seismic activity (SM6.01/EMRP4.32/NH4.17: Room D1); Open session in geodesy (G6.1: Room -2.47)
- All day – Medal lectures (various rooms: see right); Short courses & ECS events (various rooms: see right); Meet EGU (EGU Booth); Division meetings (various rooms: see overleaf)

EGU Today helps you keep up with the many activities at the General Assembly by highlighting sessions and events from the programme. If you have comments, email the editor Bárbara Ferreira at media@egu.eu. The newsletter is also available at egu2018.eu/egu_today.html and on the EGU2018 app.

Closing message from the EGU President

This has been a busy week with a dizzying array of sessions, events and activities including, for the first time for us, an artist-in-residence who has been producing cartoons of your science and a poet-in-residence too. Walking around the conference centre I have felt a compelling sense of energy, enthusiasm and buzz about exchanging and sharing ideas. It has been inspiring to see so many dedicated scientists being passionate about their science, eager to engage and to make a difference. I hope you have felt the same and found the week both rewarding and productive and, of course, enjoyable.

We have honoured our top scientists, and we have debated some controversial and challenging topics in Union Sessions and Great Debates alongside the numerous oral, poster and PICO sessions that are the hallmark of the meeting. I hope you have also had time to savour the exhibition areas and other events such as the short courses, splinter meetings, and the photo competition. EGU is about so much more than giving a presentation and listening to a few others. We are working hard to support our members in many other ways. We have pioneered open access publishing in the geosciences and encourage you to consider one of our 18 high-quality journals for your next paper. Our publications now include a new title in our stable: Geoscience Communication. We are also working hard on developing policy and outreach opportunities for members and you will hear and see more of this at future meetings. If you like what you saw this week, why not get involved? Contact your division president or speak to one of the other union officers and find out how you can help shape the future of EGU and your community.

Jonathan Bamber, EGU President

Scientific research in a changing European Union: where we stand and what we aim for?



This session will explore some of the challenges and potential threats to academics in the EU and how these issues can be addressed and overcome. The session will also outline some of the advantages of the EU, funding programmes that are currently provided and how the European Union can continue to develop and nurture its researchers. Andrea Tilche (European Commission), Claudia Alves de Jesus-Rydin (European Research Council), Sir Keith O'Nions (Cambridge Enterprise Board), and Ira Didenkulova (Tallinn University of Technology) are the panellists.

US5: 08:30–10:00 / Room E1

Short courses & early career scientist events

- Scientific publishing, science integrity and work ethics: short-course on the scientific method and our modern work environment (SC3.9: 08:30–12:00 / Room -2.91)
- How to write (and publish) a scientific paper in Hydrology (SC3.6/HS12.2: 08:30–10:00 / Room -2.16)
- How to publish in the EGU journal Ocean Science (SC3.7/OS6.1: 08:30–10:00 / Room -2.31)
- Open-Source simulations: slope stability and failure in a hydrological catchment model (SC1.30/NH10.1: 10:30–12:00 / Room -2.85)
- Meet the experts in geomorphology (SC3.18/GM12.2/TS1.9: 10:30–12:00 / Room -2.16)

Today's medal lectures

- David Bates Medal Lecture by Bruno Bézard (ML11/PS: 08:30–09:30 / Room M2)
- Augustus Love Medal Lecture by Edgar M. Parmentier (ML8/GD: 11:00–12:00 / Room D3)

Photo Competition winners

Find out the winners of this year's Imaggio Photo Competition today at 12:15 by the EGU Booth.

Meet EGU

EGU Booth, Hall X2



- Division President of Biogeosciences (Giuliana Panieri), 09:15–10:30
- Executive Editors of Nonlinear Processes in Geophysics (Olivier Talagrand), 10:00–10:30 & (Daniel Schertzer), 10:30–11:15
- Executive Editor of Ocean Science (John Huthnance), 11:15–12:00

Division meetings

Today's meetings, taking place from 12:15 to 13:15, are:

- Atmospheric Sciences (AS) / Room E2
- Energy, Resources and the Environment (ERE) / Room L2
- Geodynamics (GD) / Room D3

What to do in Vienna this weekend

- **Relax with Vienna's best coffee:** You can't visit Vienna without going for a coffee and a slice of Sacher torte in one of the city's fine coffee establishments. Try Cafe Hawelka, once a hub of Viennese artists, or Cafe Central, the legendary literati cafe. egu.eu/72XBYW
- **Explore architectural wonders:** Immerse yourself in Vienna's architectural heritage with a visit to Wien Museum Karlplatz, where you will find an exhibition of Otto Wagner's architectural works. egu.eu/10V35T
- **Get into the jungle:** Step outside of the city and explore the Lobau – a national park fondly known as 'Vienna's jungle'. Catch a boat straight from the old city and travel in style. egu.eu/2K7PC1

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Medical geology: an interdisciplinary field of science for the benefit of the society

Medical geology is an emerging field of science that deals with the impact of natural geological factors, processes and materials on human and animal health. This field is based on a multi-, cross- and inter- disciplinary approach bringing together experts from various fields of science including geoscientists, environmental and public health experts, animal health professionals and many more.

**IE1.5/BG1.41/GMPV6.13/SSS13.71: Orals / 13:30–15:00 / Room N2
Posters / Attendance 17:30–19:00 / Hall A**

Your highlights of this year's General Assembly

"It's my fifth EGU. I think year after year [my highlight] is increasingly the possibility of interacting with people. For networking, it is the best chance during the year to meet all the people from your field and even other fields to try to plan projects together."

Giulia Tessari, Postdoc, Sarmap SA, Switzerland

"My EGU 2018 highlight so far would be meeting the EMRP Division Early Career Scientist Medallist at our Division Meeting and actually getting to go to the Council Meeting for the first time as the incoming ECS representative. At the General Assembly I do like all the short courses and I'm always sad that I can't go to all of them because I think it's great that there's not just the focus on science, but also becoming a well-rounded scientist."

Stephanie Zihms, EGU ECS Representative, Heriot Watt University, UK

Open Data, Reproducible Research, and Open Science

This session aims to show how researchers, citizens, funding agencies, governments and other stakeholders can benefit from Open Data, Reproducible Research, and Open Science in various flavours, acknowledging the drawbacks and highlighting the opportunities available for geoscientists.

ESSI3.5: PICO / 08:30–10:00 / PICO spot 1

Induced and triggered seismic activity

Induced and triggered seismicity are common phenomena associated with subsurface exploration and remote seismic events, respectively. This session deals with the observation, theory and hazard analysis of induced and triggered seismic activity.

SM6.01/EMRP4.32/NH4.17: Orals / 13:30–17:00 / Room D1, Posters / Attendance 17:30–19:00 / Hall X3

EGU 2019 General Assembly

The EGU conference returns next year, right here in Vienna. Mark the dates (**7–12 April 2019**) in your calendar and, over the next few months, check www.egu2019.eu for updates. See you next year!

Outer planets systems

This session, which includes the David Bates Medal Lecture, features abstracts on the outer planets and Pluto systems. A significant part of the session will be devoted to the Cassini-Huygens mission.

**PS3.1: Orals / 08:30–12:00 / Room M2
& 13:30–17:00 / Room B**

Management, restoration and rehabilitation of degraded and fire affected lands

Soil degradation affects more than 52 billion hectares of land around the world and natural and man-made disturbance to the soil system can modify critical ecosystem functions. This session features contributions covering research describing experimental, observational, and theoretical studies on management, restoration and rehabilitation of soils.

**SSS8.3: Orals / 08:30–10:00 / Room K2
Posters / Attendance 17:30–19:00 / Hall X3**

Open session in geodesy

This session features contributions of general interest within the geodesy community which are not covered by the other sessions, e.g. relativity in geodesy.

G6.1 : Orals / 13:30–15:00 / Room -2.47, Posters / Attendance 15:30–17:00 / Hall X3