



HIGHLIGHTS AT A GLANCE

- 08:30 – Is 2 degrees possible without relying on carbon storage and capture? (GDB3: Room E1); Citizen science and observatories for environmental monitoring, planning, and disaster resilience building (IE2.1: Room L2); Integrating stratigraphy, sedimentology, paleontology and paleoclimate in human evolution and dispersal studies (SSP4.7: Room 1.85)
- 10:30 – Open Data, reproducible research, and Open Science (IE2.4: Room L2); Urban air quality (AS3.22: Room 0.88); Women in geosciences (EOS7: Room L4/5)
- 12:15 – EGU competition results (EGU Booth)
- 13:30 – Promoting & supporting equality of opportunities in geosciences (EOS8: Room L4/5); Evapotranspiration (HS2.1.15: Room 2.15); Induced and triggered seismic activity (SM8.1: Room M1)
- 15:30 – Sustainable management of river deltas under pressure (GM7.2: Room N1)
- All day – Medal lectures (various rooms: see right); Short courses & ECS events (various rooms: see right); Meet EGU (EGU Booth); Geo Cinema (Room 0.90)

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 or questions, email Bárbara Ferreira at media@egu.eu. The newsletter is also available online at egu2017.eu/egu_today.html.

Closing Message from the EGU President

This has been our biggest meeting to date, which has created its own challenges but also a palpable energy and excitement through the week. It has been uplifting to see so many dedicated scientists enthuse 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. Perhaps you have established new collaborations or pondered your next Great Idea, prompted by what you have seen and heard during the week.

We have honoured our top scientists, young and old, with 27 Union and division medals, and a number of ECS awards. 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 enjoy the expanded exhibition area and other events included in the programme such as the short courses, splinter meetings, photo competition and other activities. EGU is about so much more than giving a presentation and listening to some 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 17 high-quality journals for your next paper. We are also working hard on developing policy-related and outreach opportunities for members and you will hear and see more of this at future meetings.

I look forward to seeing you again next year for an even more exciting week of science, if such a thing is possible!

Jonathan Bamber, EGU President

Is 2 degrees possible without relying on carbon storage and capture?

The 2015 COP21 Paris agreement aims to keep global temperature increase “well below” 2°C and to drive efforts to limit it to 1.5°C. The total remaining carbon budget for the 1.5°C goal is only 10 years away at current emission levels, and it would seem all but impossible to achieve. But can we still limit the warming to 2 degrees? And can it be done without staking our future on carbon storage and capture? These issues will be discussed at this great debate.



GDB3: 08:30–10:00 / Room E1

Short courses & early career scientist events

- Meet the expert in hydrology: is research at different spatial scales connected? (SC19/HS12.1: 08:30–10:00 / Room -2.91)
- Accessing and using global soil data (SC16/SSS13.12: 10:30–12:00 / Room -2.91)
- Interactive Big Data computing for geosciences (SC93: 10:30–12:00 / Room -2.31)
- Forest management under climate change (SC3: 13:30–15:00 / Room -2.91)

Urban air quality

This session features presentations on a variety of topics related to urban air quality, heat stress, and air pollution impacts including health.

AS3.22: Orals / 10:30–12:00 / 13:30–17:00 / Room 0.88, Posters / Att. 17:30–19:00 / Hall X5

Today's medal lectures

- Alexander von Humboldt Medal Lecture by Johan Bouma (ML1/GM/SSS: 12:15–13:15 / Room E1)
- GD Division Outstanding ECS Award Lecture by Nicolas Flament (ML37/GD: 13:30–14:00 / Room K1)
- SM Division Outstanding ECS Award Lecture by Elmer Ruigrok (ML44/SM: 14:15–14:30 / Room M1)

Competitions

Find out the winners of this year's Imaggeo and Communicate Your Science competitions today at 12:15 by the EGU Booth. We'll also announce the winners of the EGU Public Engagement Grants.

Geo Cinema Highlights

Room Geo Cinema (0.90)



Oceans: The Mystery of the Missing Plastic, 10:30–11:22

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Between Earth and Sky: Climate Change on the Last Frontier, 15:37–16:57

Meet EGU (EGU Booth)

- Executive editor of Ocean Science (John Huthnance), 10:00–10:30
- Programme Committee Chairs (Gerrit de Rooij, Susanne Buiter), 11:15–12:00
- Division President of Atmospheric Sciences (Annica Ekman), 11:15–12:00

What to do in Vienna this weekend

- **Vienna's Ring Tram:** Want to tour some of Vienna's classic sights in style? Consider a trip on the Ring Tram, a journey around the beautiful Ringstrasse all day between 10am and 17.30. egu.eu/9KYLU8
- **Austrian Dinner Show:** Fancy trying some traditional Austrian cuisine while enjoying local classical music? Perhaps a dinner show could be for you. egu.eu/4ZPBW9
- **Liechtenstein Castle and Seegrotte Mines:** Visit the former residence of the Prince of Liechtenstein, about an hour away from Vienna by train and bus. You can then take a gondola ride through Europe's largest underground lake in the Seegrotte Mines, a short trip from Burg Leichtenstein. egu.eu/86ISYC

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Interdisciplinary events

- Citizen science and observatories for environmental monitoring, planning, and disaster resilience building (IE2.1/NH9.19/ESSI3.12: Orals / 08:30–10:00 / Room L2, Posters / Attendance 17:30–19:00 / Hall X4)
- Open Data, reproducible research, and Open Science (IE2.4/ESSI3.10: Orals / 10:30–12:00 / Room L2, Posters / Attendance 17:30–19:00 / Hall X4)

Your highlights of this year's General Assembly

"I just came from a really interesting session on Geoethics and I really like the great debates, because I like to hear all the different perspectives. Obviously all the individual science presentations are really compelling and very impactful but some of these other ones stand out." (Chris McEntee, CEO of the American Geophysics Union)

"I really enjoyed the session 'academia is not the only route'. It opened my mind and showed me I can do really different things, I don't need to stay in academia." (Helena Łoś, PhD Student, Warsaw University, Poland)

"[At the EGU General Assembly] we have the chance to meet different colleagues from different universities, not only from Germany and Austria, but also all over the world and exchange knowledge and set up collaborations." (Duyen Hoang Thi Thu, PhD Student, Georg-August Göttingen University, Germany)

Promoting & supporting equality of opportunities in geosciences

Following last year's success, this session will explore reasons for the existence of underrepresentation of different groups (cultural, national and gender) by welcoming a debate with scientists, decision-makers and policy analysts related to geosciences. Co-organised with the European Association of Geochemistry and the European Research Council.

**EOS8: Orals / 13:30–17:00 / Room L4/5
Posters / Attendance 10:30–12:00 / Hall X4**

Women in geosciences

This session aims to evaluate the involvement of women in geosciences and to enhance their involvement in the future by means of success stories and role models.

**EOS7: Orals / 10:30–12:15 /
Room L4/5**

Evapotranspiration

This session features contributions on various aspects of evapotranspiration, from measurement to modelling and applications in catchment hydrology. It includes a solicited talk by Martha Anderson (USDA-Agricultural Research Service).

**HS2.1.15: Orals / 13:30–17:00 / Room 2.15
Posters / Att. 17:30–19:00 / Hall A**

Induced and triggered seismic activity

A platform to present the latest research, field studies, theoretical and modelling aspects as well as methods for seismic hazard analysis related to induced and triggered seismicity.

**SM8.1: Orals / 13:30–17:00 / Room M1
Posters / Attendance 17:30–19:00 / Hall X3**

Integrating stratigraphy, sedimentology, paleontology and paleoclimate in human evolution and dispersal studies

This event highlights the latest research on paleoenvironmental reconstructions in the vicinity of key sites of human evolution, showcasing a wide variety of analytical methods, and encouraging collaboration between different research groups.

**SSP4.7/CL1.08/NH2.9/SM1.4: Orals / 08:30–12:00 / Room 1.85
Posters / Attendance 13:30–15:00 / Hall X2**

Sustainable management of river deltas under pressure

The aim of this session is to bring together knowledge of both natural and societal processes acting in a delta, and their impacts, which is essential to find sustainable solutions for delta management.

GM7.2/ERE2.4/HS11.17/OS2.6: Orals / 15:30–17:00 / Room N1, Posters / Att. 17:30–19:00 / Hall X2

EGU 2018 General Assembly

The EGU conference returns next year, right here in Vienna. Mark the dates (**8–13 April 2018**) in your calendar and check www.egu2018.eu for updates. See you next year!