



HIGHLIGHTS AT A GLANCE

- 08:30 – Energy, resources & the environment (ERE1.1: Room 0.94); Jón Egill Kristjánsson memorial session (AS1.34: Room F1); The 2016 central Italy seismic sequence (SM1.2/NH4.7/TS5.5: Room L2)
- 10:30 – Flash floods and associated hydro-geomorphic processes (HS4.1/AS4.35/GM9.11/NH1.10: Room 2.31)
- 12:15 – EGU plenary (UMI0: Room E1)
- 13:30 – ESA/NASA Union symposium (US2: Room E2); Extended continental shelf mapping: new scientific challenges (GM12.2/ERE1.9/SPP1.6/TS6.7: Room L3); Impacts at 1.5°C warming and how we get there (CL3.04: Orals: Room 0.14)
- 15:30 – Digital mapping & 3D viz approaches in Earth sciences (TS8.1/G6.3/GI2.14/GM3.6/SPP1.4: PICO spot 5a)
- All day – Medal lectures (various rooms: see right); Short courses & ECS events (various rooms: see right); Meet EGU (EGU Booth: see opposite page); GIFT workshop for teachers (EOS1: Room L4/5); GeoCinema (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.

Welcome message from the EGU Programme Chair

Welcome to the 2017 EGU General Assembly, the largest EGU meeting to date! We constructed a spacious additional hall to the venue for posters and PICO presentations. This year's programme features more than 17,700 abstracts distributed over a wide spectrum of sessions, including a set of interdisciplinary sessions grouped in four diverse themes. Other interesting events are the Union Symposia and the Great Debates. In one debate, we teamed up with the European Research Council to discuss the pros and cons of Open Science. Driven by recent developments, one of the Symposia will have a high-profile panel exploring what scientists can do to further the progress of scientific research and ensure mainstream scientific views are accepted and taken seriously by policymakers and the public. There are also various short courses, particularly interesting for early career scientists, movies in the Geo Cinema, a photo competition, and other exhibitions for you to enjoy. I hope you make the best of the conference by attending the sessions the programme committee and conveners have put together for you, and by networking with colleagues in the various rest areas around the conference centre. Have a productive and enjoyable week!

Gerrit de Rooij
Programme Committee Chair

Union symposium: ESA / NASA



This joint Union session, organised in collaboration with the European and American space agencies, includes presentations on Earth observation missions, as well as talks about NASA's and ESA's planetary and space sciences programmes.

US2: 13:30–17:15 / Room E2

Today's medal lectures

- Julius Bartels Medal Lecture by Tuija I. Pulkkinen (ML17/ST: 11:00–12:00 / Room L3)
- PS Division Outstanding ECS Award Lecture by Cédric Gillmann (ML43/PS: 11:45–12:15 / Room N2)
- GI Division Outstanding ECS Award Lecture by Fabio Tosti (ML38/GI: 13:30–14:30 / Room 0.49)
- Louis Agassiz Medal Lecture by Eric Rignot (ML19/CR: 19:00–20:00 / Room D2)

Short courses & early career scientist events

- How to navigate EGU: tips & tricks (SC44: 08:30–10:00 / Room -2.31)
- How to get your hydrology paper published – dealing with editors, reviews and revisions (SC24/HS12.2: 13:30–15:00 / Room -2.16)
- Publishing in EGU journals: Solid Earth and Earth Surface Dynamics – Meet the editors (SC48: 13:30–15:00 / Room -2.91)
- Crashing the Cryosphere! (SC63: 15:30–17:00 / Room -2.16)

EGU plenary

This session (UMI0) is the main meeting for bringing forward new ideas to the EGU and for members to keep up-to-date with EGU activities. Join us in **Room E1** from **12:15** today. Free snacks and soft drinks will be served.

Photo and video competitions

We've received over 330 photos and clips for this year's EGU Photo Contest. You can find the finalists, and vote for the winners by Thursday evening, in Hall X2, Brown Level (on the left when you come from Foyer D). We are also running a Communicate Your Science Video Competition: check our YouTube channel ([youtube.com/user/EuroGeosciencesUnion](https://www.youtube.com/user/EuroGeosciencesUnion)) and like your favourite videos! The winners of both competitions will be announced on Friday at 12:15 by the EGU Booth.

Geo Cinema Highlights

Room Geo Cinema (0.90)



Communicate your
Science Video Competition
Finalists, 15:02–15:32

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Lari – Lohkare-etsijä
(A Prospecting Dog),
18:29–18:44

Meet EGU (EGU Booth)

- Co-editor-in-chief of *Climate of the Past* (Marie-France Loutre), 08:30–09:15
- EGU Executive Secretary (Philippe Courtial), 08:30–09:15
- Division President of Geochemistry, Mineralogy, Petrology & Volcanology (Mike Burton), 13:30–14:15
- Executive editors of *Natural Hazards and Earth System Sciences* (Heidi Kreibich, Bruce D. Malamud, Uwe Ulbrich), 15:00–15:30
- Division President of *Climate: Past, Present, Future* / Galileo Conferences Coordinator (Thomas Blunier), 15:00–15:30
- Division President and the ECS Representative of *Earth Magnetism & Rock Physics* (Angelo De Santis, Stephanie Zihms), 15:30–17:00

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The 2016 central Italy seismic sequence

This co-organised session will dissect the seismic sequence that started in central Italy in late August 2016. The sequence has recorded more than 35,000 events, including several powerful earthquakes that resulted in casualties and serious building damage. This session provides an excellent opportunity for an overview of data analyses and interpretation models of the main ruptures processes and of the whole sequence.

SM1.2/NH4.7/TS5.5: Oral / 08:30–12:00 / Room L2, Poster / Attendance 17:30–19:00 / Hall X3

Flash floods

This session features contributions illustrating current advances and approaches in monitoring, modelling, forecasting and warning of flash floods and associated geomorphic processes.

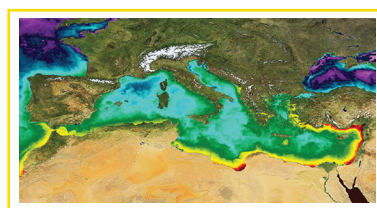
HS4.1/AS4.35/GM9.11/NH1.10: Orals
/ 10:30–12:00 / Room 2.31, Posters /
Attendance 17:30–19:00 / Hall A

Jón Egill Kristjánsson memorial session

This session honours the scientific legacy of Jón Egill Kristjánsson, who passed away last year. It will feature contributions in tribute to his research studies, in areas including clouds, aerosols, geoenvironment and Arctic weather.

AS1.34: Orals / 08:30–10:00 / Room F1,
Posters / Attendance 17:30–19:00 / Hall X5

GIFT workshop for teachers



Temperatures in the Mediterranean.
Credit: Land: ESA; Sea: Medspiration/
ESA/Ifremer

The EGU Geosciences Information For Teachers (GIFT) programme offers school teachers the opportunity to upgrade their geoscience knowledge. This year's workshop will explore the complexities and delicate relationships between civilization, natural processes, catastrophic events and protection of the environment in the key region of the Mediterranean.

EOS1: Mon, 08:30–12:00 / 13:30–19:00;
Tue, 08:30–12:00 / 13:30–19:00;
Wed, 08:30–12:00 / Room L4/5

Extended continental shelf mapping: new scientific challenges

Mapping for delineation of coastal state's extended continental shelves has resulted in a wealth of new geomorphologic and geologic data along continental margins throughout the globe. This session will present some of these new data sets and discuss how they are helping further our understanding of deep water margins.

GM12.2/ERE1.9/SSP1.6/TS6.7
Orals / 13:30–17:00 / Room L3
Posters / Attendance 10:30–12:00 / Hall X2

Impacts at 1.5°C warming and how we get there

This session will dive into the challenges of understanding impacts, and avoided impacts, in a 1.5°C warmer world and of sketching out a roadmap of how to get there. It includes a talk by Valérie Masson-Delmotte from the IPCC on the Panel's Special Report on Global Warming of 1.5°C.

CL3.04: Orals / 13:30–17:00 / Room 0.14
Posters / Attendance 17:30–19:00 / Hall X5

Digital mapping and 3D visualisation approaches in Earth sciences

This session aims to present and discuss the wide range of existing and newly developed approaches and techniques for digital data acquisition and 3D visualisation of a variety of geoscience problems at different scales and within different fields (structural geology, petrology, sedimentology, stratigraphy, geomorphology, natural hazards etc.).

TS8.1/G6.3/GI2.14/GM3.6/SSP1.4: PICOs / 15:30–17:00 / PICO spot 5a

Energy, resources & the environment

This general session of the ERE division gives an overview of its interdisciplinarity, needed to tackle the challenges of the future. It features topics from raw materials to renewable energies.

ERE1.1: Orals / 08:30–12:00
/ Room 0.94 & Posters /
Attendance 17:30–19:00 /
Hall X1

What's on tomorrow

- Interdisciplinary events: R's deliberate role in Earth sciences (IE3.6: 08:30–10:00 / PICO spot A); Monitoring the Sustainable Development Goals with the huge remote sensing archives (IE3.4: 10:30–12:00 / PICO spot A)
- Great Debate: Great extinctions (GDB5: 15:30–17:00 / Room E1)
- Plus, 18 medal lectures! Check the meeting programme or tomorrow's EGU Today for more information.