



This section advertises conferences, summer schools and workshops submitted to the EGU online [meetings calendar](#). The EGU logo marks meetings co-sponsored by the Union.

Please note that events submitted to the calendar without description or website may not be highlighted here.

## EGU 2015 General Assembly

12–17 April 2015, Vienna, Austria

The EGU General Assembly 2015 will bring together geoscientists from all over the world to one meeting covering all disciplines of the Earth, planetary and space sciences. The EGU aims to provide a forum where scientists, especially early career researchers, can present their work and discuss their ideas with experts in all fields of geoscience. The EGU is looking forward to cordially welcoming you in Vienna!

Website: [egu2015.eu](http://egu2015.eu)  
Abstract deadline: 7 January

## EGU Topical meeting: Validation in Flood Risk Modelling

09–10 December 2014, Delft, The Netherlands

Flood risk analysis, used to make important and often expensive decisions, is complex and subject to significant uncertainty. The fact that this information is important but also uncertain has led to an increasing requirement to verify and validate flood risk analyses. This workshop provides an overview of validation and verification methods for models used in flood risk analysis, specifically for models of processes for which only limited observations are available.

Website: [egu.eu/3KY3Z2](http://egu.eu/3KY3Z2)

## International Workshop on Polar-Lower Latitude Linkages and their Role in Weather and Climate Prediction

10–12 December 2014, Barcelona, Spain

The workshop's overall aim is to improve the polar components of the tools used for weather and climate prediction, including

enhanced initialisation, which may lead to improved forecasts in the extra-polar regions. The workshop will consist of key note talks by invited speakers, poster sessions, breakout group sessions and a plenary session. The expected outcome is producing a set of recommendations that will be broadly disseminated as a report.

Website: [egu.eu/8V9RA4](http://egu.eu/8V9RA4)

## Thermodynamic modeling with alphaMELTS and other MELTS software

11–14 December 2014, Pasadena, CA, USA

This short course will introduce users to the underlying thermodynamics, illustrate the capabilities and potential applications of individual MELTS-type models and give participants first hand experience running MELTS. We will focus on the alphaMELTS front-end at first but will also be demonstrating a variety of interfaces supported by Caltech and OFM-Research, from the well-established (e.g. the original MELTS GUI) to the new and cutting edge (e.g. MELTS\_Excel, libalphaMELTS).

Website: [egu.eu/87RYMX](http://egu.eu/87RYMX)

## 2014 AGU Fall Meeting

15–19 December 2014, San Francisco, United States

The Fall Meeting of the American Geophysical Union provides an opportunity for researchers, teachers, students, and consultants to present and review the latest issues affecting the Earth, the planets, and their environments in space. This meeting will cover topics in all areas of Earth and space sciences.

Website: [egu.eu/2QBD5R](http://egu.eu/2QBD5R)

## Annual Meeting of the Palaeontological Association

16–19 December 2014, Leeds, UK

The 58<sup>th</sup> Annual Meeting of the Palaeontological Association will begin with a symposium entitled 'The photosynthesis revolution: how plants and photosynthetic micro-organisms have bioengineered the planet' and the Annual Address will be given by Alan Haywood, on 'Understanding ancient Earth climates and environments using models and data'.

Website: [egu.eu/8NYMBK](http://egu.eu/8NYMBK)

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## XI International Eclogite Conference 2015

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31 January – 07 February 2015, Rio San Juan, Dominican Republic

The International Eclogite Conferences are organised in different countries every two years and focus on studies in the field of high- and ultrahigh-pressure metamorphism. The programme will comprise a central 4-day conference block dedicated to a wide variety of topics related to high- and ultrahigh-pressure metamorphism that will also include a 1-day syn-conference field trip. In addition, pre- and post-conference field trips will be offered.

Website: [egu.eu/8P9JIY](http://egu.eu/8P9JIY)



## Theoretical advances in planetary flows and climate dynamics

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02–06 March 2015, Les Houches, France

The aim of this meeting is to synthesise recent progress and address outstanding fundamental issues in planetary flows, notably Earth's atmosphere and oceans. The meeting will highlight the general principles that underlie these flows and will favour multidisciplinary interactions between different scientific approaches (observations, modelling and theory).

Website: [egu.eu/4ZRDTN](http://egu.eu/4ZRDTN)

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## From Hooke to Helioseismology: The UK's contribution to seismology – past, present and future

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09–10 April 2015, Leicester, England

The UK has a rich history in seismology. It is 100 years since John Milne, who defined the word 'seismometer', died. As major facets of the science are perhaps becoming 'historical' e.g. onshore controlled source crustal seismology, this meeting has been designed to explore the UK's past and present contribution to the subject. While science does not recognise national boundaries, work undertaken in the UK since the time of Hooke, through Rayleigh, Jeffreys, Bullard and more is worthy of report.

Website: [egu.eu/7TY782](http://egu.eu/7TY782)

Abstract deadline: 20 March 2015

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## HydroEco2015: 5<sup>th</sup> International Multidisciplinary Conference on Hydrology and Ecology, Advances in Monitoring, Predicting and Managing Hydroecological Processes

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13–16 April 2015, Vienna, Austria

The aims of this meeting are: to present new findings and approaches on interactions between hydrology and ecology; to promote interdisciplinary interactions on water related issues between hydrology, hydrogeology, biogeochemistry, microbial ecology and ecology; to explore advances in monitoring, modelling and predicting dynamics of hydroecological processes; and to discuss management approaches and applications to tackle environmental issues, including measures for ecosystem preservation and restoration.

Website: [egu.eu/5ZBORP](http://egu.eu/5ZBORP)

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## 3<sup>rd</sup> International Workshop on Rock Physics

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13–17 April 2015, Perth, Australia

The workshop will review recent advances in theoretical, experimental, computational and applied rock physics and steer future research. The organisers invite everyone interested in rock physics to come to Perth and share their ideas and insights with like-minded colleagues.

Website: [egu.eu/8WC9F5](http://egu.eu/8WC9F5)

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## Google Geo for Research and Higher Education

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13 April 2015, Vienna, Austria

This workshop is intended for scientists, researchers, students and faculty who regularly work with geospatial data. You will gain hands-on introductory experience with Google's Geo cloud technologies including Google Earth Engine and Google Maps Engine. Attendance to this hands-on workshop is limited. Applications will be circulated at the end of February.

Website: [egu.eu/3TVN7Q](http://egu.eu/3TVN7Q)