



Floods and climate: Understanding and exploiting the link between floods and climate

04–05 October 2012, Potsdam, Germany

This EGU Topical Meeting is aimed at discussing (1) the current state of our understanding of the link between floods, meteorological processes and climate, and (2) novel research and management options for quantifying and exploiting the climate-flood link. We bring together scientists from different disciplines, e.g. hydrology, water resources management, meteorology, climatology, paleo-climatology, paleo-hydrology, to have a broader perspective on floods.

Website: <http://bit.ly/TUdM3d>

PANAF 2012 – Paleoseismology Along the North Anatolian Fault

08–12 October 2012, Istanbul, Turkey

The Paleoseismology along the North Anatolian Fault (PANAF) meeting aims to gather Earth scientists who are interested on the paleoseismicity and recent earthquake activity of the North Anatolian Fault.

Website: <http://www.panaf.itu.edu.tr/>

International Symposium on Properties and Functions of Biogeochemical Interfaces in Soil

08–10 October 2012, Dornburg, Germany

The symposium aims to raise interdisciplinary dialogue between specialists from the fields of advanced instrumental analysis techniques and experts from the field of theoretical, physically based modelling and computational chemistry. The goal is to discuss the limits and prospects of the joint application of these two complementary scientific approaches to gain a mechanistic understanding of the controlling role of BGI (Biogeochemical Interfaces) for the fate of organic chemicals in soil.

Website: <http://www.spp1315.uni-jena.de/>

Land atmosphere interactions at the regional scale

08–10 October 2012, Madrid, Spain

This workshop will revise the state-of-the art of land-atmosphere interactions encouraging to establish future links between

atmospheric process to the ones that occur at the vegetation and soil level. Invited lecturers with different background will present how the combination of experiments and process studies can improve the representation of the land-atmosphere at different spatial and temporal scales and unravel the feedbacks between land and atmosphere, including cloud effects.

Website: <http://events.ciemat.es/web/egu>

FuegoRED IV. Forest fires effects on soils

24–27 October 2012, Tenerife, Canary Islands

The main targets of the meeting are intended to be the establishment of further links between fire scientists on the one hand and environmental managers, on the other, as well as to show new perspectives of study about problematic issues related to forest fires.

Website: <http://jnotario.webs.ull.es/FuegoRED12/index.htm>

3rd Conference on Terrestrial Mars Analogues

25–27 October 2012, Marrakech, Morocco

The analysis of Mars analogue environments on Earth is of paramount importance for the interpretation of the data from past, present, and future orbital and landed missions, as well as mission planning (both robotic and human). Sedimentary environments in particular attract strong interest because they can retain the palaeoclimatic and palaeoenvironmental history of the planet and under the right conditions may harbour fossil or present life signatures. The participation of terrestrial geologists is particularly encouraged, in order to identify and promote the many synergies between Martian and terrestrial science.

Website: <http://www.ibnbattutacentre.org/conf/mars2012/>

GSA Annual Meeting & Exposition

04–07 November 2012, Charlotte, USA

The Annual Meeting & Exposition of the Geological Society of America will count with a broad array of field trips, technical sessions, and short courses. The meeting is typically attended by some 6,000 people from every geoscience discipline and every stage of career development.

Website: <http://www.geosociety.org/meetings/2012/>

9th European Space Weather Week

05–09 November 2012, Brussels, Belgium

Now in its 9th year, the ESWW has grown into the main annual event in the European Space Weather calendar. This year's event will highlight key innovations in space weather research, applications and services. The meeting will also focus on current challenges and actions necessary in moving towards a sustainable Space Weather Infrastructure able to meet the requirements of a diverse end-user community. The final session of the week will present the final results of the COST Action ES0803 Developing Space Weather Products and Services in Europe.

Website: <http://stce.be/esww9/>

8th Alexander von Humboldt International Conference on Natural Disasters, Global Change, and the Preservation of World Heritage Sites

12–16 November 2012, Cusco, Peru

The aim of this conference is to bring together geoscientists, engineers, seismologists, geologists, architects, and other specialists, to discuss natural disasters and their prevention, with particular emphasis on World Heritage sites. A special session will be devoted to Inca ruins, in particular those of Macchu Picchu (celebrating the 100 years anniversary of their rediscovery in 1911).

Website: <http://meetings.copernicus.org/avh8/>

ESA-CliC-EGU Topical Conference on Earth Observation and Cryosphere Science

13–16 November 2012, Frascati, Italy

This conference, a joint venture between the Climate and Cryosphere (CliC) Project of the World Climate Research Program, the European Geosciences Union (EGU) and the European Space Agency (ESA), aims to provide a forum for world-class scientists to present new research results and focus on and discuss future challenges on EO technology for cryosphere science.

Websites: <http://eo4cryosphere.info/>

14th Plinius Conference on Mediterranean Storms and Final MEDEX Conference

13–16 November 2012, Palma de Mallorca, Spain

The Plinius Conferences are interdisciplinary meetings in which the exchange of new ideas and results about the Mediterranean

Storms and their hydrological, geological, marine or social consequences takes place. The topics foreseen for this 14th edition are: Social impacts of the Mediterranean storms; Mediterranean storms monitoring; Diagnosis and prediction of the Mediterranean storms; Hydrometeorology and hydrology of the Mediterranean storms; Geological and marine consequences of the Mediterranean storms.

Website: <http://www.plinius14.eu/>

4th EGU Leonardo Conference: Hydrology and Society

14–16 November 2012, Torino, Italy

The EGU Leonardo Topical Conference Series on the Hydrological Cycle is a cycle of conferences taking places every year in Europe to host scientific discussions focused on specific topics around the hydrological cycle. This year's topic is directed also to non-hydrologists, trying to bridge issues coming from themes that are relevant for the society to solutions possibly coming from the scientific research in hydrology.

Website: <http://www.eguleonardo2012.polito.it/>

AGU Fall Meeting

03–07 December 2012, San Francisco, USA

The American Geophysical Union's 45th annual Fall Meeting will count with the presence of more than 20,000 Earth and space scientists, educators, students, and other leaders who will gather in San Francisco to present groundbreaking research and connect with colleagues.

Website: <http://fallmeeting.agu.org/2012/>

Annual International Conference on Geological & Earth Sciences (GEOS 2012)

03–04 December 2012, Singapore

A major role of Earth science scholars is to examine the delicate balance between the Earth's resources and the growing demands of industrialization. Through research and development, earth scientists have the power to preserve the planet's different resource domains by providing expert opinion and information about the forces which make life possible on Earth. This is the theme of GEOS 2012.

Website: <http://www.geoeearth.org/>
