



Call for Papers

Ninth Annual GEBCO Bathymetric Science Day

San Francisco, California, United States of America – 15-19 December 2014

Held as a Scientific Session at the American Geophysical Union 2014 Fall Meeting

The Moscone Center, 747 Howard Street, San Francisco, California, USA

Submission deadline: 06 August 2014, 23:59 EDT (07 August at 03:59 GMT).

The IHO/IOC Committee for the General Bathymetric Charts of the Oceans (GEBCO, www.gebco.net) is an international body undertaking global bathymetric mapping and naming of undersea features. The “GEBCO Bathymetric Science Day” is the meeting day for science and technology presentations. The 2014 Science Day will be held sometime between 15-19 December 2014 as a scientific session at the American Geophysical Union (AGU) 2014 Fall Meeting. The session title is “New Perspectives on Seafloor Morphology from High-Resolution Ocean Mapping”. The session description is as follows.

Morphologic details of the ocean floor are revealed in high-resolution bathymetric maps derived from data collected by a variety of sensors- from echo-sounders, lasers, and multi-spectral scanners, to satellite altimeters. As the resolution of these systems increases, the details of seafloor structure that they reveal provide new insights into a range of seafloor, oceanographic, and tectonic processes. New advances in mapping and data processing may further enhance these interpretations. This session invites contributions from studies using high-resolution seafloor mapping, including regional and global data, as well as innovations in methods of compilation, gridding, uncertainty estimation, and display techniques that lead to enhanced interpretation. We seek contributions dealing with a wide range of applications including, but not limited to, high-resolution seafloor imagery revealing new perspectives on glacial landforms, tectonic processes, bottom currents, sediment dynamics, and bottom habitats.

Those wishing to contribute a presentation or poster should submit an abstract through the online AGU abstract system: <https://agu.confex.com/agu/fm14/webprogrampreliminary/Session1700.html>. **AGU’s submission deadline is 06 August 2014, 23:59 EDT (07 August at 03:59 GMT).** AGU has the following requirements for abstracts: a) the abstract submitter must be first author and be a current AGU member, 2) The submitter only can submit one contributed abstract, 3) the abstract submission fee is \$65US. Co-authors can be the presenter and do not have to be AGU members. Those attending Science Day will need to pay AGU Fall Meeting registration fees, either for just that day or the whole meeting. Fees for the 2014 meeting are not available yet, but the 2013 fees can be viewed at <http://fallmeeting.agu.org/2013/travel-housing/registration-rates/>. Contributors also are encouraged to publish their presentations on GEBCO’s website at www.gebco.net.

Science Day is an excellent venue for exchanging ideas and growing new collaborations. Please come, share your knowledge, and join an international and cross-disciplinary team engaged in exciting and fundamental work. Any contributor to Science Day may attend all meeting days of GEBCO’s Technical Sub-Committee on Ocean Mapping (TSCOM) and Sub-Committee on Regional Undersea Mapping (SCRUM), 11-13 December 2014 at Google Headquarters, GWC3 Building, 1505 Salado Dr, Mountain View, California. The TSCOM & SCRUM meetings are free.