

Call for Papers: International Symposium on Remote Sensing of Environment

The organising committee of the 36th International Symposium on Remote Sensing of Environment (ISRSE) has issued a call for papers. The event will take place on 11-15 May 2015 in Berlin, Germany. This 36th Symposium will represent a major event in the long series of internationally recognised ISRSE meetings. The overall theme of the symposium is the use of Earth Observation systems and related Remote Sensing techniques for understanding and managing the Earth environment and resources.

ISRSE-36 takes place at a significant moment: The process to define the UN global development agenda post-2015 with its Sustainability Development Goals will be finalised in 2015. The Future Earth initiative has been created as a global platform to deliver solution-orientated research for sustainability. Among its key challenges are innovative approaches to integrate knowledge systems (data, observation, modelling, etc.), including remote sensing of the environment. A second Hyogo Framework of Action with its goal to substantially reduce disaster losses is set to be launched in 2015, where Earth observation approaches play an increasing role in making societies resilient to disasters.

Milestones

The global Group on Earth Observations (GEO), together with its partners, such as the Committee on Earth Observing Satellite (CEOS), addresses all of these political and scientific agendas while it currently prepares for its second implementation phase 2016-2025. ISRSE-36 will be an excellent forum to present results from past and current scientific achievements related to those international developments, as well as to discuss future plans for them. ISRSE-36 will feature recent milestones in the development of Earth observation programmes addressing sustainable development, global environmental issues and resilience to disasters:

- The European Union's Earth Observation Programme Copernicus, managed by the European Commission in partnership with the European Space Agency (ESA), has gone operational in 2014. The first mission of its dedicated Sentinel satellite fleet, Sentinel-1A, has been launched successfully, others will follow soon.
- The Symposium will also devote attention to other significant Earth Observation programmes world-wide, public as well as private, such as the US Land Imaging Programme and its Landsat legacy, the SPOT, Radarsat, ALOS or CBERS programmes, and ESA's Living Planet programme.
- The German Aerospace Center DLR is operating very successfully the TerraSAR-X mission and, together with its twin satellite, the TanDEM-X mission. 2015 will witness the full completion of the TanDEM-X global Digital Elevation Model. This will be a unique dataset with unprecedented quality and coverage. The RapidEye mission has been launched in 2008, where DLR supports its scientific exploitation. DLR also prepares for the EnMAP Hyperspectral Imaging mission to be launched in 2017.

ISRSE-36 will provide an outstanding opportunity to learn about these major programmes and their first results. It will be an important forum to present applications based on these new missions and to exchange views on future directions of Earth Observation technology and geographic information management. The Symposium will include plenary and thematic sessions, poster sessions and side events on issues of interest to scientists, policy makers and resource managers in the public and private sectors. The programme will feature speakers from around the globe sharing their experiences and knowledge on Earth observation applications and programmes. By attending the ISRSE-36, practitioners, scientists, policy makers, system engineers and students will be able to get a full view of the current situation in a range of fields now deemed critical in the Earth's sustainable management.

The 36th ISRSE is organised by the German Aerospace Center (DLR) in partnership with the International Center for Remote Sensing of Environment (Tucson, Arizona). ISRSE is an International Society of Photogrammetry and Remote Sensing (ISPRS) Symposium.

Call for Papers

ISRSE-36 calls for papers on the use of Earth Observation systems and related Remote Sensing techniques for understanding and managing the Earth environment and resources. The Symposium will also cover applications dedicated to enhancing human security such as global disaster risk reduction initiatives. Papers should take stock of progress made in the development of new applications, instruments, systems and analytical techniques in the full range of relevant themes. The 36th ISRSE Programme Committee will consider and evaluate all abstracts received for possible inclusion in oral or poster sessions.

For more information see the [ISRSE-36 website](#).

