

Side Events

Different workshops are being planned for Sunday immediately preceding the Symposium and in the evenings during the Symposium. Further information will be available on the website.

Social Events

We will organize a tour of the lake's spectacular Borromean Islands (Isola Bella, Isola Madre and Isola dei Pescatori), including a visit to the grand palazzo of the Borromeo family.

Other possible destinations are the Alpine Botanical Garden (Gignese), the Monte Mottarone, with its spectacular 360° view from the Po Valley to the summits of the Alps, the high mountain valleys of the Ossola region offering glimpses of bygone ways of life. Extensive natural parks such as the National Park of the Val Grande are nearby. Milan's elegant shopping districts of Via Montenapoleone and Via Sant'Andrea and the city rich cultural life are only an hour's drive away.

4 May 2008 Icebreaker

6 May 2009 Social dinner on the Borromean islands

1/2 day - 1 day trips to Milano, Monte Rosa, Cervino: please check <http://isrse-33.jrc.ec.europa.eu>



Symposium venue

Palazzo dei Congressi – Stresa (Lago Maggiore) - Italy

The Palazzo dei Congressi is located on the Lago Maggiore and offers splendid conference facilities surrounded by a beautiful scenery of parks, gardens and mountains: www.stresacongressi.it

Please check the conference website for information on how to get there.

Accommodations

Stresa offers a wide range of accommodations of different classes. Arrangements can be made with Palazzo dei Congressi (special rates have been arranged). For selection and booking, use the link ISRSE-33 on www.stresacongressi.it

Contacts

Online information and registration can be found at the Registration link at <http://isrse-33.jrc>. Registration payment may be by wire transfer, bank draft or submitted online using a credit card. If you have questions regarding your registration, please contact the Symposium Registrar at isrse33@symposia.org

For general and logistic questions, please email to isrse-33@jrc.it

For questions regarding the exhibition, please email to exhibition-33@jrc.it

**Call for Papers
Preliminary Programme**

**33rd International Symposium on
Remote Sensing of Environment**

**Sustaining the
Millennium Development Goals**



May 4-8, 2009

Palazzo dei Congressi
Stresa, Lago Maggiore, Italy

<http://isrse-33.jrc.ec.europa.eu>

Welcome

You are cordially invited to the 33rd International Symposium on Remote Sensing of Environment (ISRSE) which will take place on May 4-8.2009 in Stresa, Italy. This 33rd Symposium will represent a major event in the long series of internationally recognized ISRSE meetings. The overall theme of the symposium is the use of Earth Observation systems and airborne techniques for understanding and managing the Earth environment and natural resources.

This ISRSE-33 takes place at a strategic moment, when science and technology are expected to play a greater role in contributing towards sustainable development objectives faster and in a more equitable manner. Earth Observation, in particular, now has become an essential component of the global effort to deal with global challenges. Poverty reduction, food security and agricultural production, integrated water resource management, natural resource management— especially forests and biodiversity, migration, urbanization, land degradation and, perhaps most importantly at present, climate change, are all inextricably linked, whether in developed or developing countries. ISRSE-33 will specifically address the UN Millennium Development Goals and be structured along the societal benefit areas of the GEO (Group on Earth Observations) initiative.

At the ISRSE-33, European efforts (EC, ESA and Member States) towards establishing the now active Global Monitoring for Environment and Security (GMES) initiative — which was conceived nearly on the Lago Maggiore ten years ago— will be described and discussed.

The Symposium will devote attention to the US National Land Imaging Program and its Landsat Data Continuity Mission which represent significant steps towards the broad availability of satellite data for development. It will pay tribute to NASA as the Agency celebrates its 50th anniversary and will offer an opportunity for reviewing its past and current achievements in earth observation.

Applications in Africa will be the focus of dedicated sessions. The Symposium will also offer a platform for describing and discussing new remote sensing programs in all countries of the world. The latest developments in the setting up of interoperable Earth Observation and Spatial Data Infrastructures through international arrangements are also included in the Symposium's programme.

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 remote sensing applications and programmes. By attending the ISRSE-33 remote sensing practitioners, scientists, system engineers and policy makers will be able to get a full view of the current situation in a range of fields now deemed critical in improving the Earth's sustainable management. Students are also encouraged to participate and share their knowledge and views on new R&D activities and technologies through pre-conference tutorial initiatives.

The 33rd ISRSE is jointly organized by the International Center for Remote Sensing of Environment (Tucson, Arizona) and the Joint Research Centre of the European Commission. The ISRSE is an International Society of Photogrammetry (ISPRS) Symposium.



Call for Exhibitors

Why to exhibit in Stresa at the 33rd ISRSE, 2009?

- The Symposium is dedicated to a niche market and is widely acknowledged to be one of the most significant gatherings of the remote sensing industry
- It is a unique marketing opportunity to expose products, equipment and services to quality visitors in a short space of time
- It is an opportunity for face to face contacts with the industry's Who's Who
- The Symposium is an excellent investment in cost-effective advertising
- This event is the ideal platform to launch new products, make announcements and present the latest innovations and technological developments
- The Symposium program will feature presenters from around the globe sharing their experiences and knowledge during plenary, breakout and poster sessions
- Holding of the Symposium in Stresa gives an opportunity to involve both Italian and international exhibitors and visitors, reasonably increasing their benefits and efficiency



Stand Costs

1.500,00€ for a stand / booth of 3m x 2m - two or more adjacent booths can be booked.

Booths will have sign identifying your organization / company, panels, pair of spotlights, 1 table and 3 chairs.

Full Stand package includes

- One full participant registration
- Admission in all areas of the Conference Centre
- Conference kit (with copy of programme outline)
- Access to sessions and side events
- A link to your company or organization website from the conference website:
<http://isrse-33.jrc.ec.europa.eu>
- Pre-Symposium publicity, a listing in the Symposium program. Full payment received before January 1st also guarantees an exhibit listing in the preliminary program mailed to leaders in the remote sensing industry throughout the world.
- Coffee breaks
- Post-conference CD with final papers
- Icebreaker on 4 May

For more information go to <http://isrse-33.jrc.ec.europa.eu>

Registration

All symposium participants, including speakers / authors, are required to register and pay the full participant registration fee. Symposium badges will be required for all activities.

Full payment must accompany registrations.

Each participant requires individual registration. For multiple registrations, please register separately online for each participant or fax / mail form for each attendee.

Registration fee for participants

	on or before March 6, 2009	on or after March 7, 2009
Full registration fee	400€	450€
Students	100€	150€
Day fees	150€	200€
Exhibitors	<i>see related section</i>	<i>see related section</i>

Payment made in US dollars should apply the rate of 1.5 US \$ for 1 Euro.

The registration fee for participants includes

- Admission to all areas of the Conference Centre
- Conference kit (with copy of programme outline)
- Access to sessions and side events
- Coffee breaks
- Post-conference CD with final papers
- Icebreaker on 4 May

For more information, please go to <http://isrse-33.jrc.ec.europa.eu>



Cancellation Policy

Notifications of cancellation must be sent in writing to the Conference Secretariat:

isrse33@symposia.org

If communicated before **31 March 2009** the amount will be refunded (deducted with administrative expenses of 50€). We regret that refunds will not be made for cancellations received after 31 March 2009.

Call for Papers

ISRSE-33 welcomes papers on monitoring, understanding and managing the world's natural resources and environment; papers addressing the measurement and analysis of progress towards the UN MDG's are particularly encouraged. 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 during this first decade of the 21st Century in the development and use of observation technologies and data and information systems. Oral and poster sessions will cover the development, deployment and operational use of Earth observing systems both space- and airborne. They will include presentations on instruments, systems, new analytical techniques, results and applications in the full range of relevant fields.

An exhibit area will also display commercial, industrial programs and technical realizations.

The 33rd ISRSE Program Committee will consider and evaluate all abstracts received for possible inclusion in plenary, poster or parallel sessions.

Abstracts submitted should focus on one of the following categories and themes:

1. Reducing loss of life and property from natural and human-induced disasters.
2. Understanding environmental factors affecting human health and well-being.
3. Improving management of energy resources.
4. Understanding, assessing, predicting, mitigating and adapting to climate variability and change.
5. Improving water resource management through better understanding of the water cycle.
6. Improving weather information, forecasting and warning.
7. Improving the management and protection of terrestrial, coastal and marine ecosystems.
8. Supporting sustainable agriculture and combating desertification.
9. Understanding, monitoring and conserving biodiversity.
10. Earth Observation advances: Instrumentation, data management, capacity building and education.

Submissions related to the following topics are also invited:

- National remote sensing programmes
- Spatial data infrastructures in support of development
- Airborne remote sensing
- Contribution to International Programmes

Programme

PLENARY SESSIONS

- Global issues, global responses: the GEO process
- Agencies: Getting ready for the challenges ahead
- Addressing societal benefits of GEOSS
- GMES current status, perspective
- “Digital Earth”: how Earth Observation data will be accessed and by whom
- National programmes in remote sensing

THEMATIC SESSIONS



Integrating Climate Change / Atmosphere considerations into decision-making

Progress on GCOS objectives
Extreme events
Climate change impacts
Observation Data continuity
Weather forecast



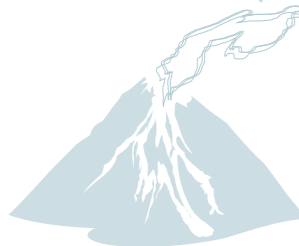
Agriculture: Food Crisis – reducing poverty and hunger

Agriculture, crops, or rangeland monitoring
Global food production: area and yield forecasts
Sustainability and traceability of food/feed/bio-fuel products
Food security and vulnerability



Ecosystems and Forests: reversing current degradation trends

Forest monitoring
REDD - Carbon
Tropical Deforestation
Ecosystems and Biodiversity, Land use



Assisting in the identification and management of natural disaster risks

Earthquakes, floods, sea surges, tsunamis, volcanoes, storms
Disaster risk assessment and mitigation
Disaster early warning systems
Emergency response and damage assessment
Global and regional initiatives



Focus on Africa: strategies for sustainable development

Ecosystems and biodiversity
Forest management
Food production / security
Health
International activities with Africa



Marine resources and dynamics: observation capabilities and applications

Ocean dynamics
Resources
Coastal zones
Maritime traffic monitoring



Water: precious but degraded resource

Monitoring water resources
Drought, desertification
Monitoring water use and sanitation
Snow cover, glaciers and ice caps

Energy Management: ensuring economic and social stability as well as sustained progress

Wind energy
Solar energy
Ocean energy
Use of meteorological data for energy uses

Data and Information Systems: emerging technologies

Data policies
Earth Observation information infrastructures (including sensor web)
Spatial Data Infrastructures
Environment and health: air quality

Abstract Submission

Interested contributors should submit a summary of the paper they propose for presentation.

- It should be in English.
- Maximum of 250 words.
- 3-5 keywords relevant to the submission are included under title / authorship.
- 11-point Times font in MS Word, single space.
- Full name and title, e-mail address, fax, telephone of authors and complete postal contact information for main author.
- Category and theme for which you are submitting your abstract.

Abstracts should reach the Programme Committee **no later than November 1, 2008.**

Notification of **paper acceptance** and an author's kit will be mailed **by December 12, 2008.**

Final papers will be due **by February 27, 2009.** Please submit abstracts through the Submit Abstract link at <http://isrse-33.jrc.ec.europa.eu>

All abstracts must be submitted online.