

Call for Papers of the Joint Event

The Fourth International Conference on Earth Observation for Global Changes and 2013 Annual Conference of Canadian Institute of Geomatics (CIG)

Ryerson University, Toronto, Ontario, Canada, 5-7 June 2013

Global change is one of most important and active research topics worldwide. Earth observations science and technology has proved to be a very powerful means to study global changes. The Fourth International Conference on Earth Observation for Global Changes (EOGC 2013) is designed to advance research and development as well as encourage innovative applications of geomatics technologies in global change studies and to specifically address the international aspects of the coupled social, land and climate systems in global change studies using advanced geospatial tools, spatiotemporal models, and earth observation systems. The conference offers an interdisciplinary forum in the fields of remote sensing and photogrammetry, surveying and mapping, geodesy and geosciences, geography, marine science, forestry, renewable energy, environment, transportation, disaster management, and climate change science.

History: The EOGC conference series has been a bi-annual event since 2006, endorsed by the International Society for Photogrammetry and Remote Sensing (ISPRS), the International Cartographic Association (ICA), the International Association of Geodesy (IAG), and the International Society for Digital Earth (ISDE). The first three events were held in Madrid, Spain (2006), Chengdu, China (2009), and Munich, Germany (2011).

EOGC2013 Conference will be held on 5-7 June 2013, in Toronto, Ontario, Canada, co-organized by the [CIG Toronto Branch](#), [Ryerson University](#), [University of Waterloo](#), and [York University](#). The conference will provide a forum to present ongoing research and ideas related to earth observations and global change studies with respect to geospatial information technology, remote sensing, and global navigation satellite systems. The conference will hold pre-conference workshops, keynotes, panel discussions and technical sessions. Authors are invited to submit an abstract and if accepted, to submit a full paper via the conference website. All full papers will be published in the conference proceedings. Selected papers will be peer-reviewed and published in a volume of Springer Lecture Notes and special journal issues. Workshop proposals are welcome. Details about workshops and abstract/paper submission will be available on the website.

Conference organizers



Endorsed by



Suggested Topics for EOGC2013 Stream

- Earth Observation Satellite Missions for Global Change Studies
- Monitoring and Modeling Land Use and Land Cover Changes
- Global Geodetic Observing Systems for Global Change Studies
- Global Land Cover and Change Information Services and Systems
- Remote Sensing of Changes in Snow and Ice, Frozen Ground, Ice Sheets and Glaciers and Arctic Water Sea Ice
- Climate-induced Hazards Mapping and Vulnerability Assessment
- Modeling and Analyzing of Impacts from Sea Level Rise
- Integration of Remote Sensing and GIS for Predicting, Monitoring and Responding to Hydro-meteorological Extremes
- Multi-dimensional Spatiotemporal Modeling of Global Landscape Dynamics
- Demonstration Projects on the Value of Earth Observations for Water Quality Management
- Multi-source Data Integration for Global Change Studies
- Quality Assurance for Global Change Databases

Suggested Topics for CIG Stream

- Global Satellite Navigation
- Cadastral Surveys and Land Information Systems
- Spatial Data Infrastructures and Arctic SDI
- Airborne, Terrestrial and Mobile Mapping
- Unmanned Vehicle Systems for Geomatics
- Data Modeling, Visualization and Augmented Reality
- Canadian Geoid
- GIS (dynamic, geoprocessing, geodesign and geocollaboration)
- Location-based Services
- Laser Scanning for 3D Surveying and Mapping
- Distributed and Web-based Geospatial Information Services
- Spatial Decision Support and PPGIS
- Geospatial Image Analysis, Processing and Understanding
- Hydrography
- Web Mapping

Important Dates

Submission of abstracts: 15 January 2013
Notification of acceptance: 15 February 2013
Camera ready full papers: 1 April 2013

Registration

	Before 1 April 2013	After 1 April 2013
Full (non CIG members)	CAD\$475	CAD\$575
Students and seniors	CAD\$320	CAD\$320
CIG members	CAD\$475	CAD\$475

At least one author must be registered for the conference in order for the paper to be included in the conference program and proceedings. Registration fees include registration, proceedings, coffee breaks, exhibitor's reception, lunches, and conference dinner. The 13% Canadian Goods & Services Taxes are included.

Conference website

<http://eogc2013.blog.ryerson.ca/>

