



Joint EOEC-GIT4NDM June 24-26, 2019 Chengdu, China

Call for Papers

Submission: Papers are invited on the wide range of topics as outlined. Presenters should submit an abstract of not more than 350 words in length with a maximum of five keywords, which includes the following items:

- Title of the paper.
- Author's name (s) and affiliation.
- Email contact address.
- Keywords and the abstract content.

The abstract should clearly state the objectives, methodology, results and conclusions of the work described in the paper. Final acceptance will be issued based on the draft paper.

For more information please contact Saeid (Adam) Pirasteh at: s2pirast@uwaterloo.ca

Theme:

Earth observation and geospatial data sharing for sustainable development

Topics of interest include but are not limited to:

- Machine Learning and Artificial Intelligence for geospatial world and smart environment & city.
- Point cloud processing, BIM and smart 3D visualization.
- Implementation of Geospatial information management for SDGs 2030
- Earth Observation Satellite Missions for Environmental Change Studies.

- Monitoring, modeling for land use and land cover.
- Global geodetic observing systems for environmental change studies.
- Global lands cover and change information services and systems.
- Remote Sensing of changes in snow and ice, frozen ground, ice sheets and glaciers and arctic seawater ice.
- Climate-induced hazards mapping and vulnerability assessment
- Modeling and analysis of impacts from sea level rise.
- Integration of Remote Sensing and GIS for predicting, monitoring and responding to hydro-meteorological extremes.
- Spatiotemporal modeling of global landscape dynamics
- Quality assurance for environmental change databases.
- New earth observation systems for natural hazard monitoring.
- UAV systems for hazard mapping and damage assessment.
- Laser scanning for indoor mapping and evacuation simulations.
- Web-based multidimensional GIS for disaster risk management and web-mobile applications development.
- Multi-sensor integration for monitoring marine disasters.
- Monitoring and managing meteorological and geological disasters
- Wireless sensor networks for agricultural and ecological disasters.
- Mobile mapping for transportation emergency response.

The 6th International Conference on Earth Observation for Environmental Changes (EOGC) and 8th Geo-information Technologies for Natural Disaster Management (GiT4NDM)

June 24-26, 2019

Southwest Jiaotong University (SWJTU) Chengdu, China

<http://eoec2019.csp.escience.cn>

- New geospatial technologies in early warning, forecasting and monitoring of natural hazard chains and data sharing.
- Public participation of using GIS for disaster preparedness and planning.
- Foggy weather/heavy rain, impact on quality of life (e.g., car accidents).
- Red tide, impact on marine life and policy management.
- Sand twisters and rigorous winds.



Important Dates:

Submission of abstracts: 1 March 2019

Full papers submission: 1 April 2019

Notification of acceptance: 10 April 2019

Last date for Registration: 1 May 2019

Registration and Papers Submission:

<http://eoec2019.csp.escience.cn>

Selected Papers: All full papers will be published in the conference proceedings. Publication will be submitted to IEEE Xplore. Also, selected papers will be submitted to an ISI or SCI indexed journal.

Conference Organizers and Sponsors

