

Gi4DM 2018

GeoInformation For
Disaster Management

18-21
March
2018

Istanbul
Technical
University

Suleyman
Demirel
Cultural Center
Istanbul
Turkey

www.
gi4dm2018
.org

Introduction & Invitation

The world has experienced several devastating disasters in this century, first an Earthquake of a very high magnitude and then Tsunami afterwards or heavy rain flows, followed by floods and landslides are common occurrences. These are conditions where even the most advanced EWS cannot make a significant difference. So, most of the potential to mitigate such a disaster in the future would have to be in the field of vulnerability reduction by adaptation, e.g. in urban planning and construction, based on risk and vulnerability maps.

Another question is the quality and coordination of disaster mapping activities to support response measures. Here we should coordinate all efforts globally as most of the disasters nowadays affect Trans boundaries. So the Geoinformation technologies will and better expressed should help in all facets of Disaster Management. An international effort in this direction is the Gi4DM series of Conferences, which was held for the first time in 2005 in Delft after the Indian Ocean Tsunami and repeated every year in almost all parts of the world. The upcoming conference in next March 2018 will demonstrate the last international advances in Geoinformation regarding the Disaster Management.

We are pleased to invite you to submit an abstract and in case of acceptance your paper to this conference. **All accepted papers will be published in ISPRS Archives... The ISPRS Archives are listed in the ISI Conference Proceedings Citation Index (CPCI) of the Web of Science, SCOPUS, and the Directory of Open Access Journals (DOAJ).**

Please note that your manuscript needs to follow the official ISPRS publication guidelines: <http://www.isprs.org/documents/orangebook/app5.aspx>

We invite all scientists, practitioners and decision makers to join the conference by sharing their experiences by presenting papers and participating to the discussions afterwards...

Another possibility for your papers to be presented at Gi4DM is that authors can publish their papers at the ISPRS Journal of Geo-Information which is an open access journal with an Impact Factor of 1.502 (2016).

Instructions for authors are as follows:

1. Please provide a cover-letter to indicate it was a contribution from Gi4DM 2018.
2. Conference papers should be expanded to the size of a research article by adding at least 50% new materials.
3. Editorial Procedures including following parts: pre-check, peer review, revision, decision and publication (rejection).
4. The publishing fees of IJGI will be 1000CHF from 1 January 2018.

More detailed information can be found on the journal's website: <http://www.mdpi.com/journal/ijgi>

Tullio Tanzi
ISPRS ICWG III/IVa Chair
URSI

Orhan Altan
ISPRS ICWG III/IVa Co-Chair
ISPRS Honorary Member

Madhu Chandra
ISPRS ICWG III/IVa Co-Chair
URSI

General Topics

- Remote Sensing and GIS as Tools for Natural and Man-made Disaster Management
- Landslide Monitoring and Data Processing
- Flood Analysis, Drought Monitoring
- Forest Fire Control
- Urban Analysis
- Earthquake and Geo-Hazards
- Coastal and Ocean Pollution
- Desertification and Land Degradation
- Radio Communication and Observation Services at All Levels of Disaster Management
- Guiding Rescue Teams by GI-Technology
- Use of Small Satellites and Drones in Disaster Management
- New Approaches in Disaster Management Like Societal Science
- Multi-Stake Holder Disaster Management Models/Approaches
- Capacity Building in Disaster Monitoring, Assessment, and Management
- Relationships between the Land-Use Decisions and Disaster Risks
- Mobile Mapping Applications in Disaster Management

Program at a Glance

| 18 March 2018 | 19 March 2018 | 20 March 2018 | 21 March 2018 | 22 March 2018 |
|--|---|--------------------------------------|--------------------------------------|-------------------------------|
| Arrival of the Participants & Registration Begins | Opening Ceremony 1 st Plenary Session | Plenary Session Technical Session | Plenary Session Technical Session | Departure of the Participants |
| Workshop: Advanced Radar Methods and Their Application in Disaster Management | Poster Session | Poster Session | Technical Session | |
| | Technical Session | Technical Session | Technical Session | |
| | Ice Breaker Reception | Conference Dinner | Closing Ceremony | |

Important Dates

Abstract Submission Deadline
December 15, 2017

Notification of Abstract Acceptance
January 15, 2018

Early Registration Deadline
January 15, 2018

Full Paper Submission Deadline
February 15, 2018

Program Committee Chair

Prof. Dr. Filiz Sunar • fsunar@itu.edu.tr

Scientific Committee Chairs