



ifip

International Federation for Information Processing

FIRST IFIP CONFERENCE ON INFORMATION TECHNOLOGY IN DISASTER RISK REDUCTION ITDRR 2016

UNIVERSITY OF NATIONAL AND WORLD ECONOMY

SOFIA, BULGARIA

NOVEMBER 16 - 18TH 2016

[HTTP://ITDRR.UNWE.BG/](http://ITDRR.UNWE.BG/)

The effects of disasters are very serious and the destruction caused may take a very long time to recover. Related damage is severe and it may cause relief expenses of billions of euros. With the increase of natural disasters that have occurred in the past years, it is expected their frequency will continue to increase in the coming years.

Due to disaster risk reductions multidisciplinary nature, people from various backgrounds, such as industry, diverse geographical and global settings, not-for-profit organization backgrounds, agriculture, marine life, welfare, risk management, safety engineering and social networking services will be included.

At present, at global and national levels, a wide range of multiple scientific and scientific-applied research activity in the area of disaster risk reduction concerning individual types of disasters is conducted. Modern information and communication technologies can facilitate significantly the decision-making processes from the point of view of disaster risk reduction.

ITDRR-2016 provides an international forum for researchers and practitioners to present their latest R&D findings and innovations. The conference is especially focused on the various IT aspects and challenges of coping with disaster risk reduction. ITDRR-2016 invites experts, researchers, academicians and all other who are interested to disseminate their work. The conference establishes an academic environment that fosters the dialogue and exchange of ideas between different levels of academic, research, business and public communities.

CALL FOR PAPERS

ITDRR-2016 will provide an open forum for the dissemination of the current research progress, innovative approaches and original research results on application of Information Technology for Disaster Risk Reduction. The conference will focus on, but will be not limited to the following topics:

- Advanced ICT and disasters
- Big Data and disasters
- Climate change and disaster risk
- Climate information management
- Climate information processing
- Cloud Computing in emergency management
- Communications in disasters
- Crowdsourcing and emergency management
- Disaster information processing
- Disaster prevention and mitigation
- Disaster relief, resilience and research
- Disaster risk management capability assessment
- Emergency preparedness
- Hazard, vulnerability and risk mapping
- ICT challenges in emergency management
- Integrated risk governance
- IoT and natural disasters
- Mobile computing and emergency management
- Disaster monitoring
- Disaster response management
- Disaster information management in response, recovery, preparedness, and mitigation
- Disaster risk assessment
- Disaster risk management
- Disaster risk reduction
- Disasters and security
- Hazard and vulnerability analysis
- Security and privacy issues in disaster management
- Social media and disasters
- Socio-economic impacts of disasters

IMPORTANT DATES

Paper submission deadline	May 30th, 2016
Notification of acceptance	July 4th, 2016
Camera-Ready version	July 18th, 2016
Registration	July 29th, 2016
ITDRR	November 16 - 18th, 2016



The conference proceedings will be published in IFIP AICT by Springer.

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