

3rd IFIP Conference
Information Technology in Disaster Risk Reduction
ITDRR 2018
September 20 - 21, 2018
Poznan, Poland



ITDRR-2018 Program

Thursday, 20 Sept, 2018 – ITDRR-2018

Thursday, 9:30 – 16:00, Registration, Congress registration desk

Friday, 21 Sept, 2018 – ITDRR-2018

Friday, 9:30 – 11:00,

chair: Yuko Murayama

Recovery Watcher - a Disaster Communication System for Situation Awareness and its Use for Barrier-Free Information Provision *Yuko Murayama, Kayoko Yamamoto, Jun Sasaki*

Universally Designed Beacon-Assisted Indoor Navigation for Emergency Evacuations *G. Anthony Giannoumis, Terje Gjøsæter, Jaziar Radianti*

Preparing a Smart Environment to Decision-Making in Emergency Traffic Management *Jacimar Tavares, Marcos Borges*

State of the Art of Groupware Technologies in Emergency Management *Jacimar Tavares, Leandro Gonçalves, Patrícia Gurgel, Marcos Borges*

CBRN Risk Analysis Using Analytical Tools of the WAZKA System *Zbigniew Tarapata, Ryszard Antkiewicz, Dariusz Pierzchala, Jaroslaw Rulka*

Friday, 11:00 – 11:30, Coffee Break

Friday, 11:30 – 12:30, WCC 2018 Keynote

Harnessing Frontier Technologies for Sustainable Development *Shamika N. Sirimanne*

Friday, 12:30 – 14:00, Lunch Break

Friday, 14:00 – 15:30,

chair: Jose J. Gomzalez

Vulnerability Analysis of Interdependent Critical Infrastructures *Tor-Edin Farstad, Ahmed Abdeltawab Abdelgawad, Jose J. Gonzalez*

Micro Failure Region Models Inducing Massive Correlated Failures on Network Topologies *Nicolás Boettcher, Yasmany Prieto, Jorge E. Pezoa*

Investigating the Disaster Preparedness of Iranian Hospitals in Disaster Events *Seyed Payam Salamati Nia, Kaushal Keraminiyage, Udayangani Kulatunga, Somayeh Valadi*

Organizational Features in Disaster Risk Management Systems *Yury Alejandra Castillo Manyoma, Nicolas Daniel Gómez Reyes, Luz Esperanza Bohorquez*

Content Analyses of the International Federation of Red Cross and Red Crescent Societies (IFRC) Through Twitter *Türkay Dereli, Nazmiye Çelik, Cihan Çetinkaya*

Friday, 15:30 – 16:00, Coffee Break

Friday, 16:00 – 17:30,

chair: Dimiter Velev

Five Seconds to Get out - Searching for Best Ways to Use Smartphone for Earthquake Early Warnings *Eran Lederman, Tomer Shemi, Noga Ensenberg-Diamant, Lior Shalev, Amir Hazan, Naama Marcovits, Yona Weitz, Or Haklai, Tal Badichi, Bar Segal, Dan Fishbein, Hillel Aviezer*

Real-Time Tornado Forecasting using SLHGN *Benny Benyamin Nasution, Rahmat Widia Sembiring, Muhammad Syahrudin, Nursiah Mustari, Abdul Rahman Dalimunthe, Nisfan Bahri, Bertha br Ginting, Zulkifli Lubis*

Tweeting about Floods of Kalamata, Messinia (Greece, September 2016) - Towards a Precise Methodology for Mapping Extracted Information, Effectively for Disaster Management Purposes *Stathis G. Arapostathis*

Strategy of Effective Decision-making in Planning and Elimination of Consequences of Emergency Situations *Igor Grebennik, Viktor Reshetnik, Ata Ovezgeldyyev, Valerii Ivanov and Inna Urniaieva*

Geological-Geimorphological Features of River Catchments in Flood Hazard Modelling *Valentina Nikolova, Plamena Zlateva*

Augmented/Virtual Reality Application in Disaster Preparedness Training for Society Resilience *Dimiter Velev, Wei-Sen Li, Yanling Lee, Plamena Zlateva*