

Gi4DM 2010 Conference

Geomatics for Crisis Management

Centro Congressi Torino Incontra
Torino, Italy

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February 2-4, 2010

Conference Theme

**Remote Sensing And Geo-Information
For Environmental Emergencies**

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Torino - Italy

management

J. Rizzi, S. Torresan, E. Alberighi, A. Critto, A. Marcomini

- **Combined fotogrametric flight to determinate sliding and fault in the area of Cariblanco, Costa Rica**
Carmen Sanchez Murillo, Marcos Martinez Fernandez, Francisco Borrego Piorno, Luis Saenz Sanchez, Javier Bonatti Gonzalez, Alfonso Gomez Molina
- **Comparision of LISS-III and AWiFS Sensors-Derived Spectral Indices for Wheat Yield Estimation of Rupnagar district of Punjab, India**
Joydeep Mukherjee, Girmay Gebru, Anil Snood, S.K. Bal, R.K. Mahey
- **Coupling Geoinformation and Simulation Systems for the Early Warning of Landslides**
Eva Nuhn, Wolfgang Reinhardt
- **Data modelling for emergency response**
Arta Dilo, Sisi Zlatanova
- **Designing web-enabled services to provide damage estimation maps caused by natural hazards**
Federico Vladimir Gutierrez, Miguel Ángel Manso, Dominik Lang, Monica Wachowicz, Miguel Ángel Bernabé, Wilfried Strauch
- **Detection and Mapping of Geographic Distribution of Disease Vector Habitats in Imo State Southeastern Nigeria using Multi-Spectral Imaging Systems**
John D. Njoku, Joseph C. Amadi, Justin U. Uwazuruonye, Fidelis C. Okorie
- **Development of an automated tool for nowcasting dust and sand storms in desert environment using SEVIRI-MSG Data**
Hosni Ghedira, Ali Al-Suwaidi, Adnan Al-Rais
- **Different Approaches for IDP Camp Analyses in West Darfur (Sudan) – a status report**
O. Kranz, V. Gstaiger, S. Lang, D. Tiede, G. Zeug, Th. Kemper, P. Vega Ezquieta, S. Clandillon
- **Different PPP strategies in the case of natural disasters**
Marco Piras, Mattia De Agostino
- **Drought impact detection on crops in the Sahel: a case study for the 2009 campaign**
Maurizio Bacci, Andrea Di Vecchia, Lorenzo Genesisio, Vieri Tarchiani, Patrizio Vignaroli
- **e-GEOS capabilities in rapid Emergency Response – Two case-studies: L'Aquila earthquake and Parma / Pepang typhoon**
e-Geos
- **Early Flood Warning for African river basins**
Vera Thiemig, Florian Pappenberger, Ad de Roo, Jutta Thielen
- **Earth observation flood risk analysis portfolio in response to the floods directive**
Han Tambuyzer, Nicolas Dosselaere
- **Earthquake forecasting: a possible solution considering the GPS ionospheric delay**
Mattia De Agostino, Marco Piras
- **Emergency Spatial Pre-SCAT Arctic Coastal Project: eSPACE**
Jason Duffe, Sonia Laforest
- **Environmental Consideration in Planning and Managing Emergency Shelter Sites**
Nafiseh MrzaHashemi Targhi
- **Environmental Planning by Using GIS/RS for Flood Management**
Alireza Gharagozlou, Mojgan Hejrani Diarjan
- **Evaluation of the damages caused by seismic events: first tests on supporting traditional multispectral classification with DSM**
Valerio Baiocchi, Raffaella Brigante, Fabio Radicioni
- **Exploring ontology potential in emergency management**
Zhengjie Fan, Sisi Zlatanova
- **False alarm reduction in forest fires detection with low-cost commercial sensors.**
Lorenzo Corgnati, Andrea Lusso, Giovanni Perona

- **Fast information acquisition on building features from digital aerial images**
Caprioli Mauro, Figorito Benedetto, Tarantino Eufemia
- **Fast satellite data dissemination of large JPEG2000 compressed images with OGC standards.**
Joan Maso, Alaiz Zabala, Xavier Pons, Nuria Julia
- **Flooding areas of Ofanto river using advanced topographic and hydraulic approaches**
Lia Romano, Umberto Fratino, Antonio R. Di Santo
- **Geographic Information to Support Risk Analysis related to Dangerous Material Hazards**
Marco Scaioni, Mario Alba, Renato Rota, Pontiggia Marco, Derudi Marco
- **Geomatic approach in avalanche monitoring: the Varaita valley (Cuneo - Italy) case study**
Danilo Godone, Margherita Maggioni, Massimiliano Icardi, Corrado Faletto, Michele Freppaz, Gabriele Garnero, Ermanno Zanini
- **Geomatic training experiences for a high vulnerability cultural heritage item**
Antonia Spanò
- **Geospatial information on landslides and floods in Italy**
Ivan Marchesini, Vinicio Balducci, Gabriele Tonelli, Mauro Rossi, Fausto Guzzetti
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- **GIMPHI: a new integration approach for early impact assessment**
Davide Marenchino, Mattia De Agostino, Andrea Lingua, Francesco Nex, Marco Piras
- **GIS and Geomatics for disaster management and Emergency relief: a proactive response to natural hazards**
M. Giardino, L. Perotti, M. Lanfranco, G. Perrone
- **GIS and remote sensing for the study of interactions between natural and industrial hazards**
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- **GIS modelling to assess soil vulnerability: land maintenance actions in the Turin Province**
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- **ITHACA world-wide flood alert system: the web framework**
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- **Leading the way in open, interoperable enterprise solutions for Emergency Operations Centers (EOCs): the Intergraph's approach**
Claudio Mingrino, Intergraph
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