ISCRAM 2008

CALL FOR PAPERS

FOR A SPECIAL *ACADEMIC* SESSION ON

EARLY WARNING SYSTEMS

Session ID: HUM-02

Motivation

The session will discuss the latest scientific/technological developments, projects, programs and best practices in the field of monitoring, early warning systems (EWS) of various natural hazards. The advances in the rapidly evolving geo-information technologies, information management, and computational methods have proved to be a very important tool in providing real-time information that allows people exposed to a hazard to prepare for effective response and reduce the risk and impacts extreme natural hazards such as earthquakes, tsunamis, volcano landslides, floods, etc. Therefore, this session will aim to better understand the potential benefits of using the development of real-time analysis, modelling and simulation methods, their integration with appropriate facilities for data processing, rapid information systems and their application to early warning in conjunction with disaster management.

Topics

Some non-exhaustive examples of topics that could contribute to this session are

- Multi-Hazard early warning and response systems.
- EWSs for various environmental and technological hazards.
- The role of information management and information communication technologies for EWSs.
- Information management of pre and post warning activities.
- Future technology needs, accessibility, availability and affordability of EWSs.
- EWSs for rapid damage assessment and the mitigation of technological hazards
- Lessons learned from EWSs.
- Integration of early warning into relevant development policies and programs.
- Improvement of data collection, facilitating access to relevant data and forecasting.
- EWSs infrastructure and services

Type of contribution:

Academic Session: we invite researchers from academia or research labs to present their research or research-in-progress papers. Prospective presenters submit a regular research (or research-in-progress) paper.

Important Notice:

- All submissions must be formatted according to the ISCRAM 2008 formatting guidelines. Templates and instructions are published on www.iscram.org.
- All submissions must be submitted through the ISCRAM 2008 conference paper submission web page at www.conftool.com/iscram2008. Instructions for the ConfTool system can be found on www.iscram.org.
- All papers and presentations will go through a double-blind review process, leading to a decision of (conditional) acceptance or rejection.
- Accepted papers will be included in the ISCRAM 2008 program and published in the official proceedings if and only if

    (1) the paper is formatted according to the instructions,

    (2) the authors sign the copyright transfer form <u>and</u>

    (3) one of the authors registers for the conference and pays the registration fee before the cut-off date for early registration.

- Authors who have multiple papers accepted can only register for and present one paper at the conference; co-authors need to register separately.

Session Chairs:

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Important ISCRAM 2008 Dates:

- December 21, 2007: Paper submission deadline
- February 10, 2008: Notification of (conditional) acceptance
- February 22, 2008: Early registration deadline
- March 1, 2008: Final camera-ready paper submission deadline
- May 4-7, 2008: ISCRAM 2008

About ISCRAM:

The ISCRAM Community is a worldwide community of researchers, scholars, teachers, students, practitioners and policy makers interested or actively involved in the subject of Information Systems for Crisis Response and Management. At its annual international conference alternating between the US and Europe, the ISCRAM Community gathers to present and discuss the latest research and developments in this growing area during an interactive and stimulating 3 day program. The ISCRAM Community also organizes an International Summer School for PhD students and ISCRAM-CHINA, an annual conference for ISCRAM research in China. All information on ISCRAM can be found at http://www.iscram.org

ISCRAM 2008 will be held from 4-7 May at the George Washington University (GWU) located in Washington, DC, USA. The conference will be hosted by GWU's Institute for Crisis, Disaster, and Risk Management (ICDRM). All details on this conference will be made available via the ISCRAM website mentioned above.