



ISCRAM2009
**The 6th International Conference on Information Systems for
Crisis Response and Management**

Gothenburg, Sweden
May 10-13, 2009
<http://www.iscram.org>

TRACK: Geo-Information Support

CALL FOR PAPERS

Introduction of the track

Recent disasters clearly identified the shortcomings of IT solutions for disaster rescue and recovery. In particular, geospatial information and technologies are often critical elements of effective emergency response systems, and within the disaster cycle as a whole. Examples range from the real-time tracking of relief supplies to public web interfaces showing evacuation routes and shelters.

Geographic Information Science (GIScience) encompasses the theoretical and conceptual elements that underlie Geographic Information Systems (GISystems) and related geospatial technologies. In this track we would like to attract academic, practitioners and possible demos showing the relationship and impacts of GIScience to crisis management. These elements include geographic information visualization, representation, interaction, storage, manipulation, integration and exchange, spatiotemporal reasoning, the impacts of GISystems on society and individuals and viceversa and basic spatial themes from fields such as geography, geodesy, and cartography.

Suggested topics (non-exhaustive list):

- Novel uses of geospatial technologies (hardware, software, and applications) in Crisis Response and Management Activity
- Advanced Geographic Visualization
- Geovisual Analytics (e.g. supporting analytical reasoning)
- Geocollaboration
- Volunteered Geographic Information (VGI) and Crisis Management
- Web 2.0 Mapping Technologies (e.g., mapping mashup development, case studies) and Crisis Management
- Virtual Globes and Crisis Management (e.g., Google Earth, NASA WorldWind)
- Spatial Modeling (e.g. spatiotemporal, agent-based modeling, 3D models, indoor, etc.)
- Geospatial databases (schema's, update, analyses, data collection)
- Spatial Decision Support Systems

- International Spatial Data Infrastructures
- Standards and system interoperability
- Geo-information driven process management and analysis (including process mining, geo-data driven process adaptiveness, etc)
- Geo-data quality
- Geo-ontologies and semantic standardization

Special Sessions:

In addition to the general track, this track also includes the following special session:

- Sensor Networks in Crisis Management

For detailed information regarding special sessions, please consult each Special Sessions' Call for Papers.

Track co-chairs

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Important Notice:

- All submissions must be formatted according to the ISCRAM 2009 formatting guidelines. Templates and instructions are published on www.iscram.org.
- All submissions must be submitted through the ISCRAM 2009 conference paper submission web page at www.conftool.com/iscram2009. 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 2009 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 and
 - (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.

Important ISCRAM 2009 Dates:

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| • Submission deadline: | January 11, 2009 |
| • Notification of conditional accept: | February 16, 2009 |
| • Final submission revised paper: | March 1, 2009 |
| • Final author notification: | March 9, 2009 |
| • Early registration deadline: | March 22, 2009 |
| • Conference: | May 10-13 2009 |

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>

This year the conference will be held from 10-13 May at the Göteborg University located in Gothenburg, Sweden. The conference will be hosted by the Viktoria Institute and the IT-university of Gothenburg. All details on this conference will be made available via the ISCRAM website mentioned above.