

Information Systems for Crisis Response and Management

[View this email in your browser](#)

ISCRAM

The Situation Report



"The ISCRAM Association expresses deep condolences to all those affected by the devastating earthquake and aftershocks in Nepal, India, Bangladesh, and China. May the response and recovery be swift and strong."



Inspiring Research and Practice

by Leysia Palen

Inspired by this aim of fostering communication across communities, our objective for ISCRAM 2015 was to increase participation among researchers, practitioners, policymakers, advanced professionals and students to promote lively discussion and broaden cross-disciplinary learning, while at the same time creating opportunities for the conference to be home to archival research products that drive basic science.

The topics covered in this year's conference reflect vibrant long-term and emergent debates in the field, clustering around Network Theory, Analytical Modelling and Simulation, Planning, Foresight and Risk Analysis, Ethical, Legal and Social Issues, Geospatial Data and GIS, Command and Control Studies, Community Engagement, Decision Support Systems, Practitioner Cases and Practitioner Centred Research, Methodologies and Serious Gaming. The power of interdisciplinary collaboration is palpable as ethnographic studies speak to algorithms, automations, models and simulations, participatory monitoring, ethical and legal investigations, and economic

evaluations. <http://www.iscram.org/content/iscram-situation-report-may-2015>



The [Centre for Integrated Emergency Management \(CIEM\)](#) invites you to the **ISCRAM 2015 conference**

May 24 - 27 2015, [Kristiansand, Norway](#)

ISCRAM 2015 will comprise of **keynotes**- where our Keynote speakers will provide insights on current practices and future trends in crisis and disaster management, **Plenary Long Paper Sessions** - where we will invite the speakers of the six best submitted Long Papers to present their work in plenary, **Parallel Sessions & Poster Sessions**, and **Workshops & Tutorials** that will provide a means to in depth discussion or hands-on exploration emerging topics. In addition, we will also have a specialized [EU symposium](#) that would present the state of the art, and will offer a platform to prepare applications and involvement in EU project funding. Register for ISCRAM 2015 conference at <https://eras.uia.no/reg.php?id=1339>. ISCRAM 2015 is looking forward to have you at the conference!!!

<http://www.iscram.org/content/iscram-may-2015-newsletter%E2%80%94getting-ready-unexpected>



National VOAD Conference--National Voluntary Organizations Active in Disaster

May 11 - 15, 2015, New Orleans, Louisiana USA

This conference will address best practices among emergency management volunteers and practitioners to build more resilient communities. Topics include managing donations, supporting vulnerable populations, leading millennials during disaster, building resilience in diverse communities, animal rescues in large-scale disasters, and the emotional needs of children in a disaster. **Learn more,** <http://www.nvoad.org/events/>



Humanitarian Technology: Science, Systems and Global Impact

May 12 - 14, 2015, Cambridge-MIT, USA

Anchoring the renowned University Park at MIT, the conference venue is conveniently located in Cambridge's vibrant innovation district, home to high-tech firms and leading academic institutions. With over 200 attendees from across the world, Humanitarian Technology 2015 is one of the largest gathering of practitioners, innovators, and leaders in humanitarian action, development

engineering and technology. [Learn more,](#)
<http://www.humanitarianotechnology.org/>



ISCRAM 2015 conference

May 24 - 27 2015, [Kristiansand, Norway](#)

Our aim is to create a vibrant and friendly atmosphere to share your knowledge and experience, help drive good practice, exchange novel insights, and build capacity in Information Systems for Crisis Response and Management. An interesting scientific program with paper presentations, posters, demos and workshops, social events and exhibitions offer the opportunity to discuss ideas, foster partnerships and strengthen professional and personal networks. **To learn more about the conference, visit:** <http://iscram2015.uia.no>



3rd International Workshop on Collaboration in Emergency Response and Disaster Management (ERDM 2015)

June 01 - 05, 2015, Westin Atlanta Airport Hotel Atlanta, Georgia, USA

The conference will focus on collaborative systems and technologies that support effective team work in crisis and emergency management. [Learn more at Resilience Canada 2015](#)

CALL FOR PAPERS

ISCRAM - med 2015

October 28 - 30, 2015

Tunis, Tunisia

May 23, 2015: Abstract deadline

May 30, 2015: Paper submission deadline

ISCRAM-Med 2015 invites two categories of papers. Research papers presenting valid, original, relevant cutting edge research that will be reviewed to the highest academic standards. Demo papers presenting new developments in emergency management and policy making, discussing approaches, methods, tools, (best) practices and standards.

<http://www.riadi.rnu.tn/iscrammed2015/>

Hawaii International Conference on System Sciences (HICSS-49)

January 5 - 8, 2016

Grand Hyatt, Kauai, USA

Submission Deadline 15th June 2015

Two mini-tracks at the upcoming HICSS conference that will interest our ISCRAM Community:

(1) Communication and Information Systems Technology for Crisis and Disaster Management Minitrack

<http://www.hicss.org/#communication-and-information-systems-te/c1fx3>

(2) Resilience against crises and disasters Minitrack

<http://www.hicss.org/#resilience-against-crises-and-disasters-/c1iyq>

How to submit to these minitracks is posted here: <http://www.hicss.org/#!call-for-papers/c1cd9>

Conference on Computer-Supported Cooperative Work and Social Computing (CSCW)

February 27–March 2, 2016

San Francisco, USA

Submission Deadline May 22, 2015

CSCW is the premier venue for presenting research in the design and use of technologies that affect groups, organizations, communities, and networks. Bringing together top researchers and practitioners from academia and industry who are interested in the area of social computing, CSCW encompasses both the technical and social challenges encountered when supporting collaboration. The development and application of new technologies continues to enable new ways of working together and coordinating activities. Although work is an important area of focus for the conference, CSCW also embraces research and technologies supporting a wide variety of recreational and social activities using a diverse range of devices. **Learn more,**

<http://cscw.acm.org/2016/index.php>



FUNDING

Earthquake Hazards Program Grants

U.S. Geological Survey

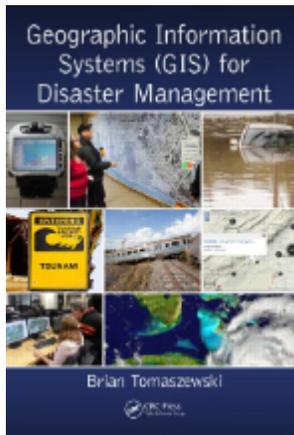
Deadline: May 19, 2015

The U.S. Geological Survey is seeking grant proposals from researchers focused on improving the understanding of earthquake processes, hazards, and risks. Proposals should provide innovative ideas that reduce losses from earthquakes and improve earthquake forecasting. For more information on grants and how to apply, visit the notice on the Grants.gov Web site.

<http://www.grants.gov/web/grants/view-opportunity.html?oppld=275330>

NEW BOOKS

Geographic Information Systems (GIS) for Disaster



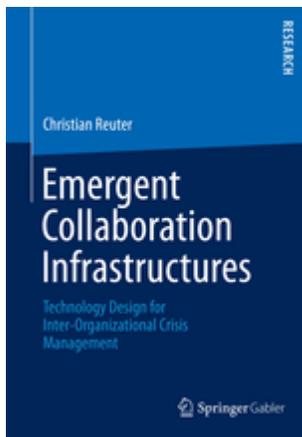
Management

Brian Tomaszewski, Ph.D.

Publisher: CRC Press (a division of Taylor and Francis)

The book illustrates how GIS technology can help disaster management professionals, public policy makers, and decision-makers at the town, county, state, federal, and international levels. Offering software-neutral best practices, this book is suitable for use in undergraduate- or graduate-level disaster management courses. Offering extensive career advice on GIS for disaster management from working professionals, the book also includes a GIS for disaster management research agenda and ideas for staying current in the field.

<http://www.crcpress.com/product/isbn/9781482211689>



Emergent Collaboration Infrastructures Technology Design for Inter-Organizational Crisis Management

Christian Reuter

Publisher: Springer

Using the domain of crisis management, Christian Reuter explores challenges and opportunities for technology design in emergent environments. He therefore empirically analyzes collaborative work in inter-organizational crisis – such as the police, fire departments, energy network operators and citizens – in order to identify collaboration practices that reveal work infrastructure limitations. He also designs, implements and evaluates novel concepts and ICT artifacts towards the support of emergent collaboration. Besides the discovery of potential organizational effects on the ability to deal with emergence he presents methodological implications for technology design.

<http://www.springer.com/de/book/9783658085858>



NEWLY COMPLETED DISSERTATIONS

Path planning for first responders in the presence of moving obstacles

by Zhiyong Wang, Delft University of Technology

Supervised by Prof. Peter van Oosterom and Dr. Sisi Zlatanova

Description: Natural or man-made disasters can cause different kinds of moving obstacles (e.g., fires, plumes, floods), which make some parts of the road network temporarily unavailable. After such incidents occur, responders have to go to different

destinations to perform their tasks in the environment affected by the disaster. In this PhD research, the general problem we address is “How do we navigate one or more first responders to one or multiple destinations avoiding moving obstacles”. Read more: <http://3dgeoinfo.bk.tudelft.nl/projects/navigation/>

JOBS

Senior Humanitarian Affairs Officer

United Nations Office for the Coordination of Humanitarian Affairs

New York, New York, USA

Deadline: May 26, 2015

This position will provide technical and policy advice on emergency relief and disaster response and management programs. Duties include guiding the development of UN humanitarian affairs policy, ensuring implementation of coherent disaster response strategies, leading multi-agency disaster assessments, establishing the program work plan and budget, and organizing international meetings, conferences, and task forces. And advanced degree in political or social science, public administration, or another related field and at least 10 years of experience in humanitarian affairs, emergency preparedness, or crisis relief are required. Reference Job ID 41376 when visiting the Web site.

Ph.D. student wanted

Paris-Dauphine University, LAMSADE, France

Deadline: May 10, 2015

One of the goals of this is to study the diversity of early warning systems, the voluminous mass of data, of information and of knowledge taken into account and to understand such systems into their context. The next step is to work towards a standard model of early warning systems and incorporate, for example, various additional information from social network analysis, recommender systems, knowledge management, vulnerability assessment. Applicants are invited to send a cover letter, CV, report card (copy of grades) and the ranking.

Supervisors: Elsa Negre, tel. +33.1.44.05.41.84, email: elsa.negre@dauphine.fr

Camille Rosenthal-Sabroux, tel. +33.1.44.05.47.24, email: camille.rosenthal-sabroux@dauphine.fr

Rutgers University-New Brunswick

New Brunswick, New Jersey, USA

Tenure or Tenure-Track Professorships in Data Science, Disaster Preparedness and Emergency Response, Earth, Oceans, and Atmospheric Sciences. Potential applicants or nominations should visit <http://nbchancellor.rutgers.edu/campus-initiatives/henry-rutgers-professorships-and-term-professorships> for more information on the positions of interest.

Read more: <https://chroniclevitae.com/jobs/0000874812-01#sthash.TLd46FHE.dpuf>

Director of the Masters in Public Administration Program

University of Delaware

Newark, Delaware, USA

The School of Public Policy and Administration (SPPA) at the University of Delaware invites applications for the position of Director of its Master in Public Administration (MPA) Program. We will give preference to candidates with strengths in quantitative methods, such as, statistics and data analysis, GIS, predictive modeling, econometrics, policy analysis, program evaluation, or other related techniques and methodologies. In addition to the MPA program, the School offers a Ph.D. degree in Urban Affairs and Public Policy and a Ph.D. degree in Disaster Science and Management. Read more: <https://chroniclevitae.com/jobs/0000880282-01#sthash.VbhqYuzu.dpuf>

Emergency Management Consultant (Program Assistant) Tetra Tech

Tetra Tech is a leading provider of consulting, engineering, and technical services worldwide. Tetra Tech is currently seeking an Emergency Management Consultant (Program Assistant) to work in Washington, D.C. at a client site. The position provides emergency management planning and preparedness services to local and state governments, private businesses, universities and other institutions in a regionally-defined area. The selected candidate will be responsible for effectively and efficiently supporting multiple simultaneous emergency management projects. Responsibilities for this position involve program management assistance for radiological and nuclear initiatives. This position is a temporary assignment. The position is funded for one year increments for a five year program.

www.tetratech.com/careers

Post Disaster Specialist

St. Bernard Project

Washington, D.C.

Deadline: Open until filled

This position supports the Disaster Resilience and Recovery Lab in its mission to help communities recover from disaster. Duties include identifying impacted communities, conducting outreach, creating strategic goals for community involvement, building partnerships, creating training materials, and delivering effective presentations. A bachelor's degree and at least three years of experience in a field related to disaster management and knowledge of government and nonprofit roles in disaster recovery are required.

http://www.stbernardproject.org/uploads/4/6/4/4/46449425/postdisaster_specialist_job_description.pdf

The Natural Hazards Center Technical Librarian

The Natural Hazards Center is looking someone with experience developing and maintaining Web sites, programming for the web, and cataloging. The successful candidate will develop library, customer, and Web site information systems and oversee the migration of records to the DSpace open repository system and Koha ILS. **Preferred Qualifications:** Master's in Library and Information Science, PHP, JavaScript Frameworks, XML, JSON, web APIs and/or XSLT a plus, Some familiarity with DSpace and Koha open source software. To apply, visit the job posting on the **University of Colorado Job site**. <http://www.colorado.edu/hazards/dr/archives/dr643.html#11>

Ph.D. Research Fellow in ICT, The University of Agder, Faculty of Engineering and Science

The University of Agder invites applications for a full-time, fixed term appointment as PhD Research

Fellow in Technology/Information and Communication Technology for a period of three years. The position is currently located in Grimstad, Norway. The candidate will be enrolled in the PhD program in technology at the Faculty of Engineering and Science, specialization in ICT .The candidate must hold a master's degree in ICT, Computer Science or a similar/related field and document competence in areas relevant to the position.

For further information, contact *Professor Ole-^o-Christoffer Granmo*, tel. +47 37233357, email: ole.granmo@uia.no?subject=ISCRAM%20Job%20Posting or *Head of Department Professor Andreas Prinz*, tel. +47 37 23 3220, email: andreas.prinz@uia.no?subject=ISCRAM%20Job%20Posting or download job description at: <https://www.dropbox.com/s/zwkv2yzb3khxeks/CIEM%20Lab%20PhD%20Position.pdf?dl=0>

ISCRAM: The Situation Report

The monthly newsletter of the ISCRAM Association

The ISCRAM Association's primary mission is to foster a community dedicated to promoting research and development, exchange of knowledge and deployment of information systems for crisis management, including the social, technical and practical aspects of all information and communication systems used or to be used in all phases of management of emergencies, disasters, and crises.

Stay connected with ISCRAM follow us on Facebook and Twitter



Facebook



Twitter



Website

Copyright © 2015 ISCRAM, All rights reserved.

ISCRAMlive.org

Our mailing address is:

Penn State College of Information Sciences and Technology
104 IST Building
University Park, Pa 16802

[Add us to your address book](#)

[unsubscribe from this list](#) [update subscription preferences](#)