

Information Systems for Crisis Response and Management
July 1, 2015

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ISCRAM

The Situation Report



News from the ISCRAM Board

The General Election and the Officer Election have taken place. The ISCRAM Board would like to announce the 2015-2016 Board and its officers.

President: Julie Dugdale

Vice President: Tina Comes

Secretary: Amanda Hughes

Treasurer: Chris Zobel

Board members: Leysia Palen, Andrea Tapia, Zeno Franco, Gisli Olafsson, Victor Banuls Silvera and Bert Brughemans.

ANNOUNCING ISCRAM 2016

Rio de Janeiro, Brazil

May 22-25, 2016

www.iscram2016.nce.ufrj.br

Conference Venue: Hotel Pestana - Copacabana

Conference Co-Chairs (Brasil)

Marcos Borges – Universidade Federal do Rio de Janeiro

Paulo Victor Carvalho – Instituto de Engenharia Nuclear

Program Chair

Andrea Tapia, Penn State, USA

PC Co-Chairs

Kathleen Moore – Mercyhurst University, USA

Victor Banuls – Universidad Pablo Olavide, Spain

João Albuquerque – Universidade de São Paulo, Brasil

Pedro Antunes-- Victoria University of Wellington, New Zealand



Send in your news! The ISCRAM Newsletter needs you!

Advertise an ISCRAM topic-related call for papers?

Advertise a job you have available?

Advertise an ISCRAM-related event?

Advertise a website, project, blog?

New job news!

Just got a new job? Please share your new position with us.

New book news!

Do you have a book related to ISCRAM topics that was published in 2014 or 2015?

New Ph.D news!

Recently defended a dissertation? Send us a blurb on your work.

If you have news you'd like to have included in the next newsletter, or subsequent newsletters, please email the advertisement directly to <mailto:iscram@ist.psu.edu?subject=ISCRAM%20Newsletter>

Please include a title, a 3 sentence description, a date, a contact name and email, a link, and a thumbnail image if available.

Help the ISCRAM Education Committee

Take a Quick Survey



<https://www.surveymonkey.com/r/EMeductionation>

PURPOSE:

To help ISCRAM devise a model curriculum for a Master's Degree program in Emergency Management for higher institutions globally.

YOUR ROLE:

Evaluate and propose courses that should be included in such a degree and in a degree with a concentration in IS for EM.

TIME COMMITMENT:

The survey should take you about 15 minutes to complete.

CALL FOR PAPERS

Special Issue on Human Centered Design and Evaluation of Services and Systems for Crisis Response and Management [International Journal of Human-Computer Studies](#)



Deadline: July 15, 2015

Understanding humans and their experiences is a key success factor for designing services and systems to support crisis response and management. Novel approaches will provide benefit for daily work of diverse people involved in crisis as well as in extreme, critical and uncertain situations. Interdisciplinary engineering approaches provide methods and tools for this challenge. This special issue is devoted to high quality papers on methodologies as well as the use of methods and tools for capturing and using human experiences and requirements for the

design and evaluation of organizational and ICT services and systems for crisis response and management.

NEW PAPER PUBLISHED

Processing Social Media Messages in Mass Emergency: A Survey

MUHAMMAD IMRAN and CARLOS CASTILLO, Qatar Computing Research Institute

FERNANDO DIAZ, Microsoft Research

SARAH VIEWEG, Qatar Computing Research Institute

The survey paper "Processing Social Media Messages in Mass Emergency: A Survey" has been accepted and published in the latest ACM Computing Surveys Journal issue. TOPIC: Various computational methods, their benefits and shortcomings that have been developed over the last few years to process crisis-related social media messages.

Link: <http://doi.acm.org/10.1145/2771588>

Events

Hurricane Sandy Conference (August 10-11, 2015)

U.S. Department of Health and Human Services New York, New York

This conference will discuss the research outcomes of a two-year series of Hurricane Sandy research grants issued by HHS Office of Preparedness and Response, the U.S. Centers for Disease Control and Prevention, and National Institute for Environmental Health Sciences. Topics include various research on Hurricane Sandy, as well as strategies to build preparedness and resilience, translating research into practice, best practices in public health, and effective risk management.

ISCRAM-Med (October 15-17, 2015)

Tunis, Tunisia

The Second International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries (ISCRAM-med 2015), is an ISCRAM event organized in Mediterranean countries, alternating between the north and the south of the Mediterranean Sea. The first ISCRAM-med'2014 conference was successfully held in Toulouse, France (October, 15-17, 2014).

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

International Conference on Global Emergency Preparedness and Response (October 19-23, 2015)

Vienna, Austria

The conference will provide a forum for networking and exchange of information and experiences, and will promote effective preparedness as a key to efficient response. In particular, it will bring together officials responsible for EPR, experts in nuclear safety and nuclear security, emergency responders as well as relevant stakeholders.

<http://www-pub.iaea.org/iaeameetings/45986/International-Conference-on-Global-Emergency-Preparedness-and-Response>

Jobs

Professor, Hawaii

The Daniel K. Inouye Asia-Pacific Center for Security Studies, is a Department of Defense academic institution providing a forum where current and future military and civilian leaders from 45 Asia-Pacific nations gather to foster improved multinational and interagency security cooperation and coordination in the Asia-Pacific region through focused executive education, leader development, regional outreach engagement, professional exchanges at conferences, and policy-relevant research. Crisis and disaster management expertise at the operational and/or strategic policy level, including risk cycles, reduction and resiliency, humanitarian assistance, recovery and reconstruction, and governance, with a focus on crisis prevention and development mainstreaming in the Asia-Pacific region. Knowledge of national crisis and international disaster frameworks, strategies, mechanisms and related subjects is desirable.

Organizational and crisis leader development education with an emphasis on defense institution building, civil-military, inter-agency and cross-sector coordination, crisis planning and information

sharing.

See more at: <https://chroniclevitae.com/jobs/0000888057-01#sthash.v4qTOWYn.dpuf>

Arkansas Tech University invites applications for two (2) tenure-track positions as Assistant Professor in the Department of Emergency Management.

A minimum of 18 graduate hours in the field of emergency management or equivalent emergency management experience, experience in the development and delivery of both student-present and web-based college-level coursework; knowledge of current technologies for curriculum integration; a proven record of excellence in teaching, student advising and assessment, research, service learning, and scholarship; grant development and/or management; experience related to disaster and crisis mitigation, preparedness, response, and recovery; and experience developing and teaching homeland security courses or experience working with homeland security issues.

For duties and responsibilities please visit: <http://www.atu.edu/hr/employment/faculty.php>.

See more at: <https://chroniclevitae.com/jobs/0000887671-01#sthash.nikvplRI.dpuf>

PhD Post 'Intégration de la dimension sociale dans les processus : application aux processus de gestion de crises" at IRIT, Toulouse, France.

Note: a French speaker is needed

Un processus est conventionnellement représenté selon trois perspectives (informationnelle, organisationnelle et comportementale). Le focus est souvent mis sur l'aspect comportemental qui spécifie un ensemble coordonné de tâches mises en oeuvre par des acteurs (humains, logiciels, matériels). Il peut être défini de manière mécaniste (ordre établi), réactive (dirigé par les événements), ou émergente (résultant des interactions et adaptations mutuelles des acteurs les uns aux autres). Dans le cadre de cette thèse, on se situera plutôt dans le cadre émergent qui peut être vu comme un système d'acteurs coopératifs. L'idée est alors de produire un ensemble de mécanismes (méthodes, modèles, outils, ...) qui facilitent la coopération de ces acteurs en prenant en compte la perspective sociale comme une dimension à part entière intégrant les relations institutionnelles et interpersonnelles (pouvoir, responsabilité, réseaux d'influence, contexte social, affinité, ...) ainsi que leurs modes d'interactions. Cette dimension sociale pourra être amenée à s'inspirer de techniques de coopération issue de l'intelligence artificielle distribuée ou du groupware.

For more info contact:

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[Program Development Manager](#)

Oxfam Great Britain, Liberia

This position is responsible for leading Oxfam's humanitarian work in Liberia. Duties include managing the development and delivery of country strategy, overseeing donor relations, coordinating humanitarian preparedness and emergency responses in the country, and integrating campaigns, policies, and humanitarian work throughout the program. Experience humanitarian and emergency work in developing countries, strategic planning and humanitarian policy skills, and an understanding of programs such as water sanitation and hygiene, and gender are required.

[Director](#)

Evidence Aid Oxford, England

Deadline: July 6, 2015

This position will be responsible for leading and growing Evidence Aid, developing its research agenda, and building the organization's capacity. Duties include building influence and demand for evidence-based research in the humanitarian sector, developing relationships with funders and policy makers, identifying growth opportunities and funding sources, and creating strategies that support an aggressive growth model. Leadership abilities, business and development skills, and a strong desire to improve evidence-based decision making in the humanitarian sector are required.

[Natural Hazards Scientific Data Specialist](#)**Cooperative Institute for Research in Environmental Sciences (CIRES)****Boulder, Colorado**

This position will assist with managing data, generating products, and supporting outreach efforts of the CIRES Coastal Science Team. Duties include assessing and compiling hazard event data from post-event surveys, journal articles, and other sources; collecting and managing photos and video recording of hazard damage; and supporting the creation of authoritative post-event reports based on historical hazard databases. A bachelor's in geography or geophysics, at least three years experience, and knowledge of relational databases and geophysical analysis are required.

[Director of Emergency Management and Mission Continuity](#)**University of California Davis Davis, California**

This position will oversee the Emergency Management and Mission Continuity Program, which is responsible for ensuring effective emergency management, preparedness, and business continuity on the UC Davis campus. Duties include assuring university activities are in compliance with applicable policies and regulations, implementing and monitoring prevention strategies and initiatives, and establishing partnerships with other campus departments. A bachelor's in emergency management or a related field, at least five years experience, and advanced knowledge of the National Incident Management System are required. Please reference Requisition Number 03014426 when searching the job Web site.

[mSTAR Deputy Director](#)

Are you excited by the many possibilities to use mobile technologies for development? Do you have the leadership qualities and the technical expertise to manage a global development project with USAID? Are you skilled at navigating USAID regulations and international NGO policies? Then apply now for our [mSTAR Deputy Director position](#). This is a senior position, perfect for someone with deep experience in managing USAID programs who understands mobile technologies and is at least familiar with digital financial services, data-based decision making, and digital inclusion.

[mStar Technical Officer](#)

Have you managed mobiles for development project? Do you know the opportunities and challenges of working with local partners and government actors? Can you understand the motivations and incentives of mobile network operators? Are you excited by the possibilities of scaling M4D activities across USAID missions worldwide? Then apply now for our [mSTAR Technical Officer position](#). This is a technical position, perfect for someone interested in designing mobile-infused program strategies for USAID and the international development community. You should also have the interpersonal communication and public presentation skills to convince others of your ideas. This would be a great career move to get iNGO HQ and USAID DC experience after a field deployment.

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.

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