



May 21 - 24, 2017  
 14th International  
 Conference on  
 Information Systems  
 for  
 Crisis Response and  
 Management  
 Albi, Occitanie  
 Pyrénées-  
 Méditerranée,  
 France

## ISCRAM CONFERENCE IN ALBI, FRANCE | N 2017

**Scope**

The ISCRAM conference aims at exploring all dimensions of Information System domain to improve and contribute to Crisis and Disaster Management. The scope is by far incredibly wide, which makes one of the main attractive features of ISCRAM conference:

"Information System" includes social, psychological, organizational, technological (and many others) aspects, while "Crisis and Disaster Management" refers to all kind of events that affects significantly human kind, from natural disasters to terrorist attacks via all types of accidents. Each and every article presented during ISCRAM conference must have one "Information System" component and one "Crisis and Disaster Management" component.

**Topics of Interest**

The theme of ISCRAM2017 is "Agility is coming". There are several components in the concept of agility that are vital to crisis management:

**Detection**, i.e., the ability to diagnose the divergence between the actual and the expected situation,

**Adaptation**, i.e., the ability to define and implement a new strategy coherent with the diagnostics,

**Reactivity**, i.e., the ability to perform detection and adaptation fast enough to respond to the situation,

**Effectiveness**, i.e. the ability to ensure detection and adaptation in a pertinent and accurate way.

Moreover, *agility* is one of the key-features to improve crisis management and build a resilient society. We therefore encourage specifically submissions that reflect how information systems can contribute to more agile crisis and disaster response.

Any submission to the conference needs to be clearly positioned along each dimension of the following framework and use the according standards, methodologies and approaches. The scientific committee will select reviewers according to the positioning of the papers in the respective categories.

This framework is organized according to three dimensions:

## IN THIS ISSUE

**Information Systems:** structured according to the three abstraction layers of IS covering knowledge (and associated information and data), competences (and associated capabilities and applications) and behavior (and associated processes and workflows). This dimension is about the information system paradigm itself and technology as well (ICT, networks, sensors and devices).

**Crisis Response and Management:** describing the well-known Life Cycle of crisis management, based on the four phases of prevention, preparation, response and recovery. This dimension is dedicated to help users and stakeholders to identify the results and works they could be interested in.

**Scientific Domains of ISCRAM:** a very wide range of sciences useful to address the problems raised by the conference from social sciences to computer sciences via management sciences and engineering sciences. This dimension shows the inter-disciplinarity and multi-disciplinarity characteristics of ISCRAM.

## Annual Natural Hazards Research and Applications Workshop

42nd Annual Natural Hazards Research and Applications Workshop  
**Sunday, July 9 through**

**Wednesday, July 12, 2017**  
**Omni Interlocken Resort**  
**Broomfield, Colorado**

---

The International Disaster and Risk Conferences (IDRC) - the world's leading conferences on integrative risk management. A unique community of business leaders, decision makers, practitioners, Ontario, and just north

international organizations, NGO, and scientists committed to find solutions to the risks posed at societies and organizations today.  
World Bosai Forum - IDRC Sendai 2017  
November 25 - 28, 2017  
Sendai International Center, Sendai, Japan

---

**ISCRAM General Assembly on Tuesday 23rd May at 5pm until 6pm during the ISCRAM 2017 conference.**

**Mexico, from 24-26**



Plan For ISCRAM 2018  
Rochester, New York state

Rochester is located about an hour from Niagara Falls and Canada, just south of beautiful Lake

of the fabulous Finger Lakes Region of New York State which includes its famous wineries and vineyards.

---

**Fifth Global Platform for Disaster Risk Reduction will take place in Cancun,**

**May 2017**

Hosted by the Government of Mexico in cooperation with the United Nations Office for Disaster Risk Reduction (UNISDR), the Global Platform will review progress made and the early successes in the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030.

---

Dear colleagues,

You are cordially invited to submit your manuscripts and

contributions to the "The Fourth International Conference on Information Systems for Crisis Response and Management in Mediterranean Countries" ISCRAM-med 2017 (<http://iscrammed2017.civil.duth.gr/>) which will take place on 18-20 of October at the Civil Engineering Department of Democritus University of Thrace, Xanthi, Greece.

As with the previous ISCRAM-med conferences, accepted papers will be published in the Springer series "Lecture Notes in Business Information Processing" (LNBIIP), which is included in the leading databases of scientific and engineering literature (i.e. DBLP, EI and Scopus. LNBIIP volumes are also submitted for the inclusion in ISI Proceedings).

Please submit your contributions via the EasyChair service <https://easychair.org/conferences/?conf=iscrammed2017> with respect to the submission deadlines.

## IMPORTANT DAYS

**15-May-2017: Paper Submission Deadline**

**12-June-2017: Authors' Notification**

**26-June-2017: FINAL Camera-Ready Paper**

## PAPER CATEGORIES

ISCRAMMed 2017 invites three categories of papers: **Full papers** presenting valid,

original, relevant cutting edge research that will be reviewed to the highest academic standards. Reviewing will pay additional attention to the application of the related scientific literature and theory, to the use of an appropriate research methodology, and to technical, mathematical and statistical correctness (10-14 pages, LNCS format).

**Short papers** introducing cutting edge research in progress and outstanding that do not have yet a comprehensive evaluation as full papers but still suppose a contribution in the domain of information systems and technologies for emergency management (6-7 pages, LNCS format).

**Demo papers** presenting new developments in emergency management and policy making, discussing approaches, methods, tools, (best) practices and standards. These papers should focus on practical issues and concerns and raise challenges for future research, and will be reviewed to the highest practice-oriented standards (4 pages, LNCS format).

## INDICATIVE TOPICS

Information Systems and Simulation for Humanitarian Operations

SaaS Applications for Crisis Management and Response

Data, Information and Knowledge Management

Intelligent Systems

Data Mining and Big Data Analytics for Crisis Management

Robotics in the Context of Crisis Management

Information Systems Infrastructures for Crisis Management

Case Studies and Reflective Studies

Ethical, Legal and Social Issues

Serious Games

Mobile Applications

Information Systems for Risk Assessment and Analysis During Crisis Management Operations

Information Systems Integration and Interoperability

## Organizing Committee

Ioannis Dokas, Democritus University of Thrace, Greece ([iodokas@civil.duth.gr](mailto:iodokas@civil.duth.gr))

Chihab Hanachi, University Toulouse 1, IRIT Laboratory, France

([Chihab.Hanachi@univ-tlse1.fr](mailto:Chihab.Hanachi@univ-tlse1.fr))

Narjes Bellamine Ben Saoud, Université de la Manouba, Ecole Nationale des Sciences de l'Informatique & Laboratoire RIADI, Tunisia

([narjes\\_bellamine@yahoo.fr](mailto:narjes_bellamine@yahoo.fr))

Julie Dugdale, Université Grenoble Alpes & Laboratoire d'Informatique de Grenoble, France ([julie.dugdale@imag.fr](mailto:julie.dugdale@imag.fr))

-----  
-----  
Julie Dugdale  
University Grenoble Alps

MAGMA-LIG  
ISCRAM President  
<http://magma.imag.fr/content/julie-dugdale>

---



---

Dear All

By being a member of ISCRAM, you demonstrate your commitment to high-quality research in service of crisis response and management. On behalf of everyone who has ever been affected by a disaster, emergency or humanitarian crisis, I thank you for that commitment.

I invite you to consider taking an even more active role in the future of the ISCRAM Association and our role in the world by standing for election to the ISCRAM Board of Directors.

The Board is at the heart of keeping ISCRAM alive, ensuring that we do business in accordance with law and members' wishes, and that we remain relevant to members, researchers and practitioners for years to come. Being a member of the Board is both an honor and responsibility. The term of service is 2 years, during which time the Board member takes an active role in ISCRAM operations by

Participating in a monthly 90-minute Skype meeting

Taking active responsibility for one area or activity, e.g.,

Join the Executive Team as President, Vice-President, Secretary or Treasurer

Chair a standing committee such as Membership, Publications, etc.

Chair an ad hoc committee

Attend at least one 2-day in-person Board meeting, either in the USA or Europe (expenses can be reimbursed)

There are 6 seats open on the 2017-2019 ISCRAM Board of Directors, resulting in a Board of 10 members for the coming year. There are no longer seats reserved for Practitioner representatives. The ISCRAM Board is developing an alternative strategy for ensuring a Practitioner voice in Association governance, but we strongly encourage practitioners to stand for general election.

If you are able and wish to deepen your commitment to ISCRAM and our field of research, I encourage you to [declare your candidacy](#) for the 2017-19 ISCRAM Board of Directors by submitting election materials (bio, photograph, relationship to ISCRAM, and statement of intent) [here](#). The deadline for [declaring your candidacy](#) is **Thur May 11th**. Please note that all candidates stand and are elected as individuals.

For further information, please see the [ISCRAM Elections webpage](#) or [email the 2017 Election Chairs](#), Fiona McNeill and Anne-Marie Barthe-Delanoë.

This is a unique opportunity to help shape the direction of ISCRAM, contribute to its success, and give back to an organization that has provided so much benefit to all of us. Please consider running as a [candidate](#) for the ISCRAM Board.

Thank you for all that you do for ISCRAM, and for the field of crisis response and management,

Julie Dugdale

President