



ISCRAM 2018

Rochester Institute of Technology
Rochester, NY, USA

TRACK: Logistics and Supply Chain Management in Crisis Response

15th International Conference on
INFORMATION SYSTEMS FOR CRISIS RESPONSE AND
MANAGEMENT

“Visualizing Crisis”

Workshops and Doctoral Symposium May 20th, 2018

Conference May 21nd-23th, 2018

Rochester New York - USA

Rochester Institute of Technology (RIT)

<https://iscram2018.rit.edu/>

INTRODUCTION TO THE TRACK

There is a need to improve the freshness, quality, effectiveness, appropriateness, and accessibility of information and communication systems intended to facilitate logistics and supply chain management in the face of devastating disasters. This improvement must be based on an increased understanding of the disaster relief realities, faced difficulties and the decision maker's needs: Crisis scenarios and phases have to be differentiated; inducers of evolution of crisis or changes in its nature must be highlighted; all involved actors and entities, their interests, motivations, and strategies as well as the existing interrelations and interdependences have to be considered; the existing practices in the crisis management sector need to be understood and reflected; problems, limits, barriers in relief supply chains must be formalized; supporting humanitarian information systems need to be examined critically.

The overall objective of this track is to discuss and reflect contributions on the design, deployment, application and evaluation of information systems for logistics and supply chain management in the area of crisis management, including all relevant actors with a special focus of humanitarian actors. For this purpose potential contributions need provide both rigorous research methods and relevant approaches reflecting the practitioner's realities. In order to ensure an appropriate balance of both criteria practitioner-centered reviewer will be involved in the review process.

TRACK TOPICS

Possible topics of interest for this track include the following:

- Process modeling and analysis of disaster relief chains
- Quantitative methods and simulation in disaster relief logistics
- Performance measurement and monitoring of disaster relief chains
- Logistics decision making in crisis management
- Transportation in crisis situations
- Warehousing and inventory management for disaster relief
- Emergency procurement
- Coordination and collaboration in disaster relief chains
- Humanitarian logistics and supply chains
- Governance of ad-hoc logistics networks in crisis management
- Early detection and assessment of requirements for disaster relief chains
- Humanitarian supply chain resilience
- Big data for supply chain management in crisis situation

AUTHORS AND REVIEWERS RECRUITMENT

Besides the authors and reviewers of the practitioner-centered tracks at the last three ISCRAM conferences co-chaired by Bernd Hellingrath and Adam Widera, we will seek reviewers who carry highly credible experience within both practitioner and academic logistics and supply chain management communities, including practitioners and academics working with and within local emergency response, military, and international humanitarian response communities. We will be sending the call for papers out to our extensive networks, including but not limited to, the IEEE Global Humanitarian Technology Community, Information and Communication Technology in Disaster Management Community, the Humanitarian Logistics Association (HLA), Humanitarian Logistics Council (HLC) of the German Logistics Association (BVL), the consortium of the EC FP7 project "Driving Innovation in Crisis Management for European Resilience" (DRIVER), the Network of the European Research Center of Information Systems (ERCIS).

TRACK CHAIR AND CO-CHAIR

pictures	Names, e-mail, short bio and affiliation
	<p>Bernd Hellingrath, bernd.hellingrath@wi.uni-muenster.de, University of Muenster/European Research Center for Information Systems</p> <p>Bernd Hellingrath serves as the Chair for Information Systems and Supply Chain Management at the University of Münster/Germany and is the academic director of the Competence Center for Crisis Management at the European Research Center for Information Systems (ERCIS). He is continuously involved as track chair and reviewer in various programs, e.g. European Logistics Association workshops, the International Supply Chain Conference, the Journal of Humanitarian Logistics and Supply Chain Management or the Dagstuhl seminars</p>
	<p>Gyöngyi Kovács, kovacs@hanken.fi, HUMLOG Institute / Hanken School of Economics</p> <p>Gyöngyi Kovács is the Erkkö Professor in Humanitarian Logistics at the Hanken School of Economics and is the Subject Head of the Supply Chain Management and Social Responsibility. She has been the first director of the HUMLOG Institute, and a founding editor of the Journal of Humanitarian Logistics and Supply Chain Management. She has published widely in humanitarian logistics and sustainable supply chain management.</p>



Adam Widera, adam.widera@ercis.de, University of Muenster/European Research Center for Information Systems

Adam Widera is an active member of ISCRAM as author, reviewer and workshop organizer since 2011. He is the managing director of the Competence Center for Crisis Management at the European Research Center for Information Systems (ERCIS) hosted by the University of Muenster, Germany. Adam is working in the area of modeling, simulation and performance measurement in humanitarian logistics as well as the design and evaluation of information systems for humanitarians.

**Corresponding Chair*



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