



TRACK 10: Impact-driven Emergency and Crisis Management

21st International Conference on
INFORMATION SYSTEMS FOR CRISIS RESPONSE AND MANAGEMENT

“Theme: Embracing the Crisis Management Lifecycle”

Conference May 25th-29th, 2024

Münster - Germany

University of Münster and State Fire Service Institute North Rhine-Westphalia
<https://iscram2024.ercis.org/>

INTRODUCTION TO THE TRACK

Emergency services worldwide are facing an increasing pressure with a shortage in staff and funding, but an increase in demand. The ongoing developments and increase of natural and man-made disasters make an efficient use of resources crucial for crisis management. While research on emergency and disaster management has seen significant improvements in the past and can address many of the challenges, in many countries there is still a huge gap between research and practice and practice hardly profits from these improvements. Therefore, this track explicitly targets this gap and wants to analyse reasons and existing barriers and challenges. In this track, we seek submissions that focus on impact-driven research on emergency and crisis management and present success stories and best practices, for example, on how to make impact in practice and how to actually measure impact. In line with the overall conference theme, this track also takes a holistic view on crisis management, and addresses the collaboration between practice and research, the communication of research and solutions to planning and decision problems, as well as the transfer of research into practice.

TRACK TOPICS

Possible topics for this track include, but are not limited to:

- *Success and failure stories for the implementation of research solutions into practice.*
- *Best practices for practically relevant research projects and the integration of practitioners into research projects.*
- *Integrated perspective on emergency and crisis management research, e.g. including different resources / stakeholder or different stages of the crisis management lifecycle.*
- *Design of information systems and decision support systems with a strong focus on practical use and implementation.*
- *Discussion of (research) aspects that are especially relevant for practice, e.g. decision making under uncertainty, multi-criteria decision making.*
- *Approaches for measuring impact at different stages of an emergency and crisis management research project.*
- *Importance of data and data quality issues and resulting consequences for research projects and practical implementation.*
- *Barriers, challenges and open problems for the integration of research into practice.*

TRACK CHAIR AND CO-CHAIR



*Melanie Reuter-Oppermann**
m.n.reuter-oppermann@utwente.nl
University of Twente



Laura Boyle
laura.boyle@qub.ac.uk
Queen's University Belfast

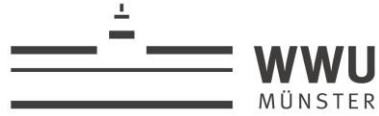


Christian Elsenbast

christian.elsenbast@iese.fraunhofer.de

Fraunhofer IESE

**Corresponding Chair*



ISCRAM

