



ISCRAM 2023

University of Nebraska at Omaha's College
of Information Science & Technology
Omaha, Nebraska, USA

Reimagining ethical, legal, and social issues in crisis IT

20th International Conference on
INFORMATION SYSTEMS FOR CRISIS RESPONSE AND
MANAGEMENT

*Theme: "Building Humanitarian
Technologies for our Emerging Future +
Building Resilient Societies"*

Workshops and Doctoral Symposium May 28th, 2023
Conference May 28th-31th, 2023

Omaha, Nebraska - USA
The University of Nebraska at Omaha (UNO)
<https://iscram2023.net/>

INTRODUCTION TO THE TRACK

This track invites contributions to reimagine our understanding of ethical, legal, and social issues (ELSI) raised by the use of information and communication technologies in crisis response and management. The aim is to inform careful innovation, design, and use of information technology (IT) and to do so, we are looking for papers that explore ELSI at the juncture of policy, technology, and communities or where social and organizational practices meet.

Climate crises, energy transitions, cascading disasters, COVID-19 experiences, among others, have re-exposed the need to directly engage discourses around the impacts of IT in crises. Use of these data and tools shape our understanding of a crisis and can enable more informed, agile and coordinated emergency management. But they can also introduce new uncertainties, make some risks more visible than others, raise difficult questions about access or trust, and have unexpected yet far-reaching societal implications. Use of these tools have revealed the ethical, legal, and societal challenges of, for example, clearly defining the boundaries of a crisis, prioritising specific benefits, sharing information between agencies or across borders, communicating risks, or making decisions about what actions to take. We list some core topics below and invite practitioner reports, academic papers, and demonstrations of technologies.

We invite contributions on how the design, development, and use of crisis information technology, in the broadest sense, can address these tensions to ensure the protection of human rights, create positive societal impact, advise policy, improve IT education, or encourage new forms of critical thinking and approaches to resilience.

TRACK TOPICS

Some topics this track considers are, although others are welcome:

- Digital divides, access, and exclusions: citizens, non-citizens, communities, responders
- Data protection, transformations of privacy, privacy preserving technologies
- Cultural and social aspects of information practices and information sharing
- Evaluation of international human rights law's protection of humans in crisis contexts
- Societal issues such as trust, transparency, explainability, surveillance, culture of fear, and opportunities for future benefit
- Games, toolkits, and other interactive means to elicit conversations about ELSI and crisis IT
- Communicating complex crisis information to diverse publics
- Politics of data sharing, storing, and use
- Use of crisis information technology to assess disproportionate risks and impacts
- Unintentional bias in intelligent system design
- Human oversight in disaster decision-making: predictive modelling, robots, smart uniforms

TRACK CHAIR AND CO-CHAIR

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