



11th International Conference on Control,
Decision and Information Technologies

July 15- 18, 2025

Split, Croatia

CALL FOR PAPERS - SPECIAL SESSION

“Enhancing Urban Evacuation and Resilience through Intelligent Transport Systems and Emerging Technologies”

for **CODIT 2025**

July 15-18, 2025 ▪ Split, Croatia

Session Co-Chairs:

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Session description:

This special session addresses the complex challenges of urban evacuation and the integration of intelligent transport systems (ITS) with emerging information, artificial intelligence (AI) approaches, and communication technologies (ICT) to enhance mitigation, preparedness, resilience and recovery from social risks. Urban areas face unique challenges during emergencies due to high population densities, complex infrastructure, and diverse mobility needs. Effective evacuation strategies are critical to minimizing risk, and in particular the exposure component, and optimizing recovery efforts in such environments. This session explores innovative research and technologies that influence urban evacuation dynamics, decision-making processes, and the communication of critical information during emergencies.

The goal is to advance the understanding and application of ITS and emerging ICT, such as Big Data, AI approaches, the Internet of Things (IoT) and Digital Twins (DT), in the context of urban evacuation planning. By examining theoretical models, empirical research, and cutting-edge technologies, this session aims to foster developments that enhance the safety and efficiency of evacuation processes. Ultimately, this will contribute to the reduction of evacuation times, improvement in the management of evacuee flows, and better outcomes in emergency response and recovery phases.

The topics of interest include, but are not limited to:

- Integration of IoT in Urban Evacuation Models
- Transport System Models for evacuation conditions
- Digital Twins for Emergency Management
- AI-Enhanced Evacuation Strategies
- AI-Driven Prediction and Simulation of Urban Evacuation Dynamics

- Human-Centric Evacuation Systems
 - Autonomous Vehicles and Drones in Evacuation Scenarios
 - Policy and Stakeholder Engagement in Evacuation Planning
 - Case Studies and Real-world Implementations
 - Enhancing preparedness with training and education activities
 - Transport planning and management for evacuation conditions
 - The role of blockchain data structures in emergency management.
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SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **February 07, 2025:** <http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2025 link** “Submit a Contribution to CoDIT 2025” and follow the steps.

IMPORTANT: All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

February 07, 2025: deadline for paper submission

April 27, 2025: notification of acceptance/reject

May 17, 2025: deadline for final paper and registration