

Special Issue

Resilience of Inland Transport Networks to Extreme Events

Message from the Guest Editors

The goal of this Special Issue is to publish original technical and research papers focused on innovative methodologies and approaches to improve the resilience of transport infrastructures in their different dimensions, including, but not limited to, the following:

- Investigations focused on identification and mapping of extreme weather conditions that can anticipate the malfunctioning of terrestrial transport networks.
- Methodologies to better understand the magnitude of the consequences of extreme events for transport infrastructure.
- Technologies and methodologies for more efficient monitoring of infrastructure assets, including large-scale monitoring using remote sensing, contact sensors, connected vehicles, social media, infrastructure information modeling, etc.
- Structural health monitoring of infrastructure facilities and condition evaluation by using innovative methods.
- Development of predictive models for projecting risks of future infrastructure damage, shutdown, and deterioration.
- Optimization of decision support systems.
- New maintenance strategies.

Guest Editors

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Deadline for manuscript submissions

closed (15 January 2022)



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