

Special Issue

Resilient and Smart Transport Infrastructure for Connected and Autonomous Vehicles

Message from the Guest Editors

In this Special Issue, we solicit high-quality original research articles focused on state-of-the-art techniques and methods employed in resilient and smart transport and infrastructure systems. Topics of interest include but are not limited to:

- Big data analytics on infrastructure systems for CAVs;
- CAV infrastructure needs for resiliency;
- Infrastructure design and management for CAVs;
- CAV operations and controls;
- Nondestructive testing for resiliency;
- Cyber security, risk-informed decision making, and failure modes;
- Policy and planning, impact assessment, legal and ethics infrastructure systems;
- Quantification of various hazard sources;
- Recent case studies and reported transport system failures;
- Recent advances in sustainable and resilient infrastructure systems;
- Energy harvesting materials for infrastructure systems;
- Innovative smart composite materials for UHPC, 3D printing composites, Geopolymer, etc.;
- New construction materials and mixture design for resilient infrastructure systems.

Guest Editors

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Dr. Lateef Assi

Dr. Ehsan Ghafari

Dr. Kursat Esat Alyamac

Dr. Shabnam Ghotbi

Deadline for manuscript submissions

closed (31 July 2022)



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About the Journal

Message from the Editor-in-Chief

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