Special Issue

Smart and Resilient Interdependent Infrastructure System

Message from the Guest Editors

Our infrastructure system is a system that comprises a bewildering network of interdependent physical, social, and cyber components that provide essential goods and services. To ensure our economic and societal wellbeing, we need to better understand the design, operation, and control of the interdependent infrastructure system. This Special Issue invites the submission of interdisciplinary research efforts on designing, modeling, analyzing, and managing of the interdependent infrastructure network, particularly those that integrate physical, technological, and social aspects of the infrastructures with consideration of system disturbances. Sample topics of interests include but not limited to:

- Management of interdependent social-technicalecological network.
- Impact of social networks on the functionality of critical infrastructure systems.
- Modeling and operation of smart interdependent transportation, power, and communication systems.
- Assessment of emerging technologies in managing natural risks such as hurricanes, urban flooding, and tornadoes.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2022)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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