



Smart and Resilient Interdependent Infrastructure System

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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 well-being, 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:

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





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Message from the Editor-in-Chief

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