



Toward Sustainability: Reliable Transportation Network Design and Analysis

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Message from the Guest Editors

Transportation networks consist of a wide variety of critical infrastructure elements that help provide interconnectivity for complex social, economic and political systems. From air transport hubs, to key rail corridors and interstate highways, maintaining operational continuity and ensuring system resilience and sustainability is essential for the day-to-day functioning of society. The purpose of this Special Issue is to provide a collection of original research papers that consider these challenges. Of particular interest are contributions that detail innovative assessment and analysis methods (e.g., spatial analytics, location modeling, spatial optimization, game theory, data envelopment analysis, machine learning, artificial intelligence, geocomputation, simulation etc.) for developing reliable network designs, evaluating network survivability and vulnerability, and improving resilience, robustness, continuity, recovery, and restoration.





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Message from the Editor-in-Chief

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