Special Issue

Infrastructure Resilience Analysis

Message from the Guest Editors

Infrastructure, such as transport and water networks, forms the backbone of economies and societies worldwide. However, climate change-induced and other system failures are increasingly disrupting their functionality, highlighting the necessity and significance of resilient infrastructure. These assets' complexity, growing interdependence, and diverse functions and stakeholders often exacerbate this situation. Acknowledging this urgent need, this Special Issue aims to bring together a comprehensive collection of scholarly papers tackling key infrastructure resilience aspects to achieve future-proof infrastructure assets. The scope of this Special Issue includes but is not limited to:

- Taxonomy (e.g., concepts and contexts) of infrastructure resilience;
- Performance measures/ frameworks for assessing infrastructure resilience;
- Optimization approaches to improving infrastructure resilience;
- Data, risks, and uncertainties in managing infrastructure resilience;
- Case studies that examine practices in infrastructure resilience;

For more information on the Special Issue, please visit LINK
https://www.mdpi.com/journal/applsci/special_issues/901F8R244R

Guest Editors

Dr. Jianfeng Zhao

Dr. Henry Liu

Prof. Dr. Jingfeng Yuan

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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