

Special Issue

Innovative Approaches in Infrastructure Design, Resilience, and Maintenance

Message from the Guest Editor

As infrastructure systems face increasing challenges from environmental changes, aging materials, and evolving demands, innovative solutions are crucial for enhancing their design, performance, and resilience. This Special Issue aims to address these challenges through advancements in planning, construction, monitoring, and maintenance of infrastructure systems, including roads, bridges, tunnels, buildings, airports, ports, and pipelines. It will highlight novel approaches for preserving and reinforcing infrastructure to improve durability and adaptability in the face of various risks and changing conditions.

Guest Editor

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Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

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