

Special Issue

Sustainable and Resilient Infrastructure: Climate Adaptation through Green Engineering and Low-Carbon Technologies

Message from the Guest Editors

We are excited to announce the upcoming Special Issue. This Special Issue invites contributions from researchers and practitioners dedicated to enhancing the sustainability and resilience of infrastructure in the face of climate change. We are particularly interested in manuscripts that address the integration of green engineering principles and low-carbon technologies into the planning, design, construction, and operation of infrastructure projects. Topics of interest include, but are not limited to, disaster risk reduction and management, energy-efficient transportation systems, carbon footprint reduction strategies, renewable energy utilization, and smart city technologies. This issue aims to provide a comprehensive platform for exchanging ideas, methodologies, and practical solutions to help pave the way toward a more sustainable and climate-resilient future. Contributors are encouraged to present case studies, theoretical models, and empirical research that demonstrate how multidisciplinary approaches can be effectively employed to achieve these goals.

Guest Editors

Dr. Yangyang Li

Department of Civil Engineering, Monash University, Melbourne, Australia

Dr. Zhuo Chen

Department of Civil Engineering, Monash University, Melbourne, Australia

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Infrastructures
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
infrastructures@mdpi.com

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Editor-in-Chief

Dr. Pedro Arias-Sánchez

Applied Geotechnologies Group, Department of Natural Resources and Environmental Engineering, School of Mining Engineering, University of Vigo, 36310 Vigo, Spain

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