

Special Issue

Green Infrastructures: Theoretical Aspects, Experimental Tests and Numerical Analyses

Message from the Guest Editors

Given growing environmental problems such as global warming, deforestation, and waste generation, applying the concept of sustainability to the construction sector is important. Moreover, with the growth of cities and the increase in built-up areas, mitigating the urban heat island effect has become one of the most crucial challenges in social and environmental sustainability, with significant impacts on public health. In this Special Issue, we invite contributions investigating green infrastructure under plural aspects and approaches to provide a sustainable solution in urban and rural contexts, supporting the transition to sustainable development models from the environmental, economic, and social points of views. Experimental tests, frameworks, monitoring evidence, and examples of good green infrastructure design for climate change adaptation and mitigation will be taken in consideration, as will numerical analyses and work on the development and application of green infrastructures, as the focus is not only on environmental impact quantification. We look forward to receiving your contributions.

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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