# **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.

### **Guest Editors**

Dr. Marco Bovo

Department of Agricultural and Food Sciences, Alma Mater Studiorum University of Bologna, 40126 Bologna, Italy

Dr. Enrica Santolini

Department of Agricultural and Food Sciences, Alma Mater Studiorum Università di Bologna, Viale G. Fanin 48, 40127 Bologna, Italy

### Deadline for manuscript submissions

closed (28 June 2024)



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

mdpi.com/journal/ sustainability





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#### Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

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