

## 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)



**Sustainability**

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/si/125060](https://mdpi.com/si/125060)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)





## Sustainability

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.3**  
**CiteScore 7.7**



[mdpi.com/journal/  
sustainability](https://mdpi.com/journal/sustainability)



## About the Journal

### 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. *Sustainability* publishes original research articles, review 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.

---

### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1  
(Geography, Planning and Development)