

## Special Issue

# Urban Planning to Reduce Environmental Impact on Health

### Message from the Guest Editors

One of the main current and future priorities in urban planning is adaptation to sustainable development to reduce environmental impact on health. For this adaptation, varied measures have to be taken into account. Among all the measures, the sustainability of natural resources (green infrastructure related to plants and the air quality based on aerobiology). Adequate tools to manage this sustainability are information and communication technologies (ICT) and related technologies. All productive sectors and, particularly, the urban planning sector face a productive transformation based on the use of these technologies. This Special Issue combines these concepts and proposes these two generic topics for development: estimating the allergenicity of tree species and proposed measures to reduce it. Urban planning and sustainable use of resources in green infrastructure, as well as its social and economic dimensions, and require a multidisciplinary approach in order to examine, explore, and critically engage with issues and advances in these and related areas. **Keywords**

Urban planning

Green infrastructure

Aerobiology

Environmental impact assessment

Sustainable development

Allergenicity

---

### Guest Editors

Prof. Dr. Santiago Fernandez-Rodriguez

Department of Construction, School of Technology, University of Extremadura, Avda. de la Universidad s/n, 10003 Cáceres, Spain

Dr. José María Maya-Manzano

Center of Allergy & Environment (ZAUM), Technische Universität München/Helmholtz Center, Biedersteiner Str 29, 80802 Munich, Germany

---

### Deadline for manuscript submissions

closed (31 December 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/59127](https://mdpi.com/si/59127)

*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. 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.

---

## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

---

## 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, CAPlus / SciFinder, and other databases.

### Journal Rank:

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