

## Special Issue

# Environmental Sustainability- Life Cycle Assessment-Energy and Environmental Technology

### Message from the Guest Editor

Environmental pressures acting at global scale have long drawn the attention of the academic community and decision- and policy-makers and the general public. The effects of climate change are just a typical example of environmental pressures acting on a global scale and suggest the need for identifying and quantifying the effect of human activities on the environment. Water, air, and soil pollution also comprise problems of emerging environmental concern. To effectively address environmental pressures, tools should be employed. Among the existing methods, the life cycle assessment (LCA) methodology has emerged as a promising tool. As such, this Special Issue will aim to shed light on the environmental sustainability of various engineering processes and on sustainable production and consumption patterns by making use of robust tools. Furthermore, focus is also placed on energy generation and renewable energy technologies, since currently, the global energy mix is fossil-fuel-dependent, thus having a huge impact on the environment and human health. Works dealing with the treatment, depollution, and environmental remediation of soil, air, and water are also encouraged.

---

### Guest Editor

Dr. Spyros Foteinis

School of Engineering and Physical Sciences, Heriot-Watt University,  
Edinburgh EH14 4AS, UK

---

### Deadline for manuscript submissions

closed (31 December 2021)



## Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.7



[mdpi.com/si/59893](https://mdpi.com/si/59893)

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

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





# Environments

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.7  
CiteScore 5.7



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



## About the Journal

### Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal *Environments*, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

---

### Editor-in-Chief

Prof. Dr. Sergio Ulgiati

1. Department of Science and Technology, Parthenope University of Naples, Centro Direzionale, Isola C4, 80143 Napoli, Italy

2. School of Environment, State Key Joint Laboratory of Environment Simulation and Pollution Control, Beijing Normal University, No. 19 Xijiekouwai Street, Beijing 100875, China

---

### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, AGRIS, GeoRef, and other databases.

#### Journal Rank:

JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).