

## Special Issue

# Sustainable Application of Ecosystem Services and Landscape Ecology

### Message from the Guest Editors

The sustainable use of ecosystem services and integration of landscape ecology principles are fundamental to addressing today's complex environmental challenges. It is crucial to advance the application of ecosystem services and landscape ecology in the planning, management, and restoration of natural and human-modified ecosystems. Nature-based solutions and ecological restoration techniques are crucial for enhancing ecosystem resilience, biodiversity conservation, climate change mitigation and adaptation, and sustainable resource use. Focusing topics:

- Ecosystem services in landscape planning and management
- Nature-based solutions in ecosystems
- Ecological restoration techniques for degraded habitats
- Landscape connectivity and ecological networks
- Ecosystem services assessment, valuation, and mapping
- Adaptive management strategies under climate change scenarios
- Urban green infrastructure and sustainable urban landscapes
- Sustainable management of landscapes
- Blue-green infrastructure for integrated water and landscape management
- Water efficiency and sustainable urban water
- Socio-ecological approaches to ecosystem service governance
- Innovative tools and models for ecosystem service evaluation

### Guest Editors

Dr. Ana Maria Antão Gerales

CIMO, LA SusTEC, Instituto Politécnico de Bragança, Campus de Santa Apolónia, 5300253 Bragança, Portugal

Prof. Dr. Maria Cristina Crispim

Development and Environmental Program (PRODEMA), Federal University of Paraíba, João Pessoa 58051-900, Brazil

**Deadline for manuscript submissions**



## Applied Sciences

an Open Access Journal  
by MDPI

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/250827](https://mdpi.com/si/250827)

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

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### Author Benefits

#### Open Access:

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

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )