



Advances in Environmental Management and Climate Change

Guest Editors:

Dr. Joao Carlos Andrade dos Santos

Centre for the Research and Technology of Agro-Environmental and Biological Sciences, CITAB, Universidade de Trás-os-Montes e Alto Douro, UTAD, 5000-801 Vila Real, Portugal

Dr. André Ribeiro Da Fonseca

Department of Physics, Universidade de Trás-os-Montes e Alto Douro, 5000-801 Vila Real, Portugal

Deadline for manuscript submissions:

closed (30 November 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue “Advances in Environmental Management and Climate Change” is designed to provide stakeholders and decision-makers with guidelines to proactively address the challenges of climate change. The ongoing global warming crisis has been driving a wide range of impacts and natural disasters that are significantly challenging environmental systems worldwide. The implementation of timely and effective environmental management strategies is critical to respond to climate change.

In this Special Issue, we invite submissions exploring innovation and originality in design, methods and applications that focus on advanced methodologies in environmental management, such as impact and risk assessments that are relevant responses to climate change impacts.

Potential topics include, but are not limited to:

- Nature-based solutions to face climate change;
- Ecosystem services in the context of climate change;
- Environmental resource management towards climate resiliency;
- Water management and challenges under changing climates;
- Climate-smart agricultural and forestry practices and options;
- Disaster risk reduction and management.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)