

Special Issue

Ecotechnological Green Approaches to Environmental Remediation and Restoration

Message from the Guest Editors

We invite authors to contribute original research and review articles on recent advances in innovative and sustainable ecotechnological approaches towards the remediation of contaminants in water, soil/land, sediment, and air, as well as the restoration, reclamation and rehabilitation of degraded ecosystems. Potential areas include, but are not limited to:

- Ecological land restoration
- Ecological coastal restoration
- Ecosystem restoration
- Ecological restoration of water bodies
- Soil remediation
- Sediment remediation
- Bioremediation
- Phytoremediation
- Microbial remediation (bacterial/phyco/myco-remediation)
- Water treatment
- Wastewater treatment (living machines, recycling, bioregenerative reclamation)
- Stormwater management
- Air quality management
- Agro-ecology and permaculture (organic/mixed farming/polyculture, integrated farming, hydroponics/aquaponics)
- Natural treatment wetlands
- Constructed wetlands
- Ecosanitation and biosanitizer ecotechnology
- Greenhouse gas control
- Carbon sequestration

Guest Editors

Prof. Dr. Dibyendu Sarkar

Department of Civil, Environmental and Ocean Engineering, Stevens Institute of Technology, Hoboken, NJ 07030, USA

Prof. Dr. Jayanta Kumar Biswas

Enviromicrobiology, Ecotoxicology & Ecotechnology Research Laboratory, Department of Ecological Studies, and International Centre for Ecological Engineering, University of Kalyani, Kalyani, Nadia- 741235, West Bengal, India



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/27118

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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





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)