Special Issue

Environmental Pollution and Bioremediation Technology

Message from the Guest Editors

Over the last few decades, the growth of urbanization and industrialization has been accompanied by a constant and ever-increasing pressure on the environment. The high cost of physico-chemical techniques and the need to adopt more environmentally sustainable strategies have increased the interest in bioremediation. Among bioremediation techniques, significant attention has been paid to microbial communities; however, other tools for pollution management could include invertebrates, fungi, and plants. The choice of bioremediation techniques depends on several factors, including, but not limited to, cost, site characteristics, and the type and concentration of pollutants; the specific applications of each technique impart certain advantages and disadvantages. This Special Issue will present new ideas and experimental results in the fields of bioremediation and environmental monitoring that address the performance and integration of different bioremediation techniques in order to determine the most appropriate and operative one (or a combination) to treat polluted sites successfully with a focus on the propagation and migration of contaminants in the environment.

Guest Editors

Dr. Sara Remelli

Prof. Dr. Fulvio Celico

Dr. Pietro Rizzo

Deadline for manuscript submissions

closed (20 July 2024)

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/165661

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

mdpi.com/journal/applsci

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/journal/applsci

MDPI

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)