



Phytoremediation Technologies for Soil and Water Resources Conservation

Guest Editors:

Prof. Dr. Kokyo Oh

Center for Environmental Science
in Saitama, Kazo, Japan

Prof. Dr. Jae Kwang (Jim) Park

Department of Civil &
Environmental Engineering,
University of Wisconsin-Madison,
Madison, WI 53706, USA

Prof. Dr. Chiquan He

School of Environmental and
Chemical Engineering, Shanghai
University, Shanghai, China

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editors

Soil and water are fundamental natural resources that are indispensable for living organisms, including human beings, to sustain their lives on the earth. However, soil and water contamination has become a globally common environmental problem that poses a significant risk to earth ecology, human health, and the lives of organisms. There is a great need for the development and practical application of effective technologies for use in both the remediation and conservation of contaminated soil and water resources.

Phytoremediation is an umbrella term for a set of technologies that utilize natural plants and their associated microorganisms for the treatment of contaminated or degraded environmental matrices without damage to the function of natural resources. It has a great potential and has gained increasing attention as a natural, low-cost and eco-friendly technology in the remediation and conservation of soil and water resources.

The aims of this Special Issue are to gather worldwide novel research in the field of phytoremediation related to soil and water resources and to provide future research directions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE](#) and [SSCI \(Web of Science\)](#), [GEOBASE](#), [GeoRef](#), [Inspec](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)