Special Issue

Sustainable Remediation of Contaminated Soils through Phytoremediation

Message from the Guest Editors

This Special Issue aims to bring light on environmental as well as legal, health, nutritional, agricultural, socioeconomic, technological and institutional aspects of phytoremediation. The goal of this Special Issue is to exhibit practices that have the potential to costeffectively address the problem of soil pollution but also call attention to obstacles that need to be overcome for phytoremediation to be a safe and sustainable option for remediation of polluted soil. Soil pollution is a serious threat to human health, food security and economies worldwide. Accordingly, we invite submissions from various disciplines, in the context of (but not limited to) concerns such as:

- Identification of appropriate species for phytoremediation
- Quantitative assessments such as mass balance analysis to determine phytoremediation potential
- Mapping of bioaccumulation and translocation patterns of organic and inorganic soil pollutants
- Postharvest treatment of the biomass used for phytoextraction
- Potential for value-adding of phytoremediation by multifunctional land use
- Amelioration of phytoremediation by the use of surfactants, chelating agents, plant-associated microorganisms, etc.

Guest Editors

Prof. Anders Jonsson

Department of Ecotechnology and Sustainable Building Engineering, Mid Sweden University, SE-831 25 Östersund, Sweden

Dr. Henrik Haller

Department of Ecotechnology and Sustainable Building Engineering, Mid Sweden University, SE-831 25 Östersund, Sweden

Deadline for manuscript submissions

closed (15 November 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/81080

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

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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

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)

