Special Issue

Frontiers on Ecological and Environmental Risk Assessment and Remediation

Message from the Guest Editors

The surface and groundwater quality is mainly imperiled due to industrial, agricultural and urban sectors throughout the world. Different strategies are used to reduce the risk of health hazards like adopting natural remediation techniques, advanced treatment systems, and alternative water resources, etc.

This Special Issue focuses on the following topics:

Appraisal of heavy metal contamination in water resources, soils, sediments, food crops and plant species using machine learning techniques/ multivariate statistics

Integrated analysis on source-exposure risk of heavy metals in the water-soil-plant continuum

Geospatial assessment of environmental pollutants

Modeling and simulation of heavy metal tranport in water, soils, and sediments

Advanced treatment processes for management of heavy metal contamination in water, soil and plants

Developing decision support systems for quantifying heavy metal contamination, risk assessment, and remediation

Guest Editors

Dr. Vinod Kumar

Department of Botany, Government Degree College Ramban, Jammu & Kashmir 182144, India

Dr. Raj Setia

Punjab Remote Sensing Centre, Ludhiana, India

Deadline for manuscript submissions

closed (31 August 2022)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/80670

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)

