



Sustainable Solutions for Land Reclamation and Post-mining Land Uses

Guest Editors:

Dr. Francis F. Pavlidakis

Mineral Resources Engineering
Department, University of
Western Macedonia, 50150
Kozani, Greece

Dr. Christos Roumpos

Department of Mining
Engineering and Closure
Planning, Public Power
Corporation of Greece, 10432
Athens, Greece

Dr. Philip-Mark Spanidis

Division of Project Management,
ASPROFOS Engineering S.A.,
Greece, 17675 Athens, Greece

Deadline for manuscript
submissions:

10 December 2024

Message from the Guest Editors

Soil remediation and land reclamation are pivotal in addressing the multifaceted challenges of environmental degradation, social disruption, and economic decline resulting from the closure of surface mines. Through restoring, rehabilitating, and repurposing mined lands, we can not only revive ecosystems but also rejuvenate local economies and communities.

This Special Issue aims to provide a platform to share insights into effective strategies for environmental monitoring, pollution prevention and control, soil remediation, and sustainable land use planning. Furthermore, we seek to explore decision-making frameworks that integrate spatial and non-spatial parameters to guide the selection of appropriate land uses, considering ecological, social, and economic aspects. By promoting interdisciplinary dialogue and knowledge exchange, we aim to explore more sustainable practices in land reclamation and post-mining land management.

In this Special Issue, we welcome original research articles and reviews that may include (not limited to) the following:

- sustainable environment management
- post-mining land uses
- eco-restoration
- circular economy
- sustainability in surface mines





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and
Applied Science, University of
Ontario Institute of Technology,
Oshawa, ON L1G 0C5, Canada

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. *Sustainability* publishes original research articles, review 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](#), [AGRIS](#), [RePEc](#), [CAPlus / SciFinder](#), and [other databases](#).

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

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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