

Special Issue

Sustainable Land Reclamation Strategies for Post-Mining Areas: From Theory to Practice

Message from the Guest Editors

Mineral resources are indispensable for the development and well-being of human society, but their exploitation comes at a price, namely the impact on the environment, especially on the land, which is why land reclamation becomes an imperative from both a legal and moral point of view. Mining activities cause major disturbances to the soil structure, relief, hydrology, and biological communities, generating persistent risks to public health, safety, and socio-economic well-being. In the medium and long term, the erosion phenomenon, landslides, and water accumulations can amplify the risks and prevent the rehabilitation of ecosystem functions. This Special Issue aims to consolidate the interdisciplinary knowledge necessary for efficient, reproducible, and adaptable reclamation projects to various local contexts. The aim is to connect scientific research with practical applications, monitoring standards, and implementation examples, and with tools for assessing social and economic impact.

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Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend *Land* for your best research publications for a fast dissemination of your research.

Editor-in-Chief

Prof. Dr. Christine Fürst

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