

Special Issue

Geospatial Analysis for Sustainable Environmental Management

Message from the Guest Editors

Geospatial technologies coupled with spatial data analysis have become essential tools for advancing sustainable environmental management. This Special Issue invites original research articles, case studies, and reviews that demonstrate how geospatial approaches can address pressing environmental challenges. Contributions are welcome on topics such as land-use and land-cover change detection, ecosystem monitoring, biodiversity conservation, water resource management, climate change adaptation, disaster risk reduction, and urban sustainability planning. Studies that integrate geospatial analysis with emerging technologies such as artificial intelligence, machine learning, and big data are particularly encouraged. The aim of this Special Issue is to highlight the role of spatial analysis in promoting sustainable practices, enhancing resilience, and supporting the achievement of the United Nations Sustainable Development Goals (SDGs). By bringing together interdisciplinary perspectives, the Issue seeks to showcase innovative applications and methodological advances that contribute to effective environmental management at local, regional, and global scales.

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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.

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