

Special Issue

Applications of GIS and Remote Sensing in Soil Environment Monitoring

Message from the Guest Editors

The monitoring of environmental features is a key issue in the sustainable management of land resources, where the increasing availability of temporal and spatial soil data plays a fundamental role. The aim of the Special Issue "Applications of GIS and Remote Sensing in Soil Environment Monitoring" is to contribute to a better description of the most popular research direction in spatial data analysis of soil, focusing on the following topics:

- Applications of remote sensing and GIS to detect and monitor soil properties;
- Land use and sustainable soil management practices;
- Linking soil erosion and natural disasters (e.g., landslides, floods, and earthquakes);
- Modeling sediment transport in rivers;
- Transport of river sediments modeling;
- Monitoring and assessment of soil erosion in agriculture and forestry.

Guest Editors

Dr. Antonio Ganga
Dr. Blaž Repe
Dr. Mario Elia

Deadline for manuscript submissions

closed (15 July 2023)



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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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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