



Applications of GIS and Remote Sensing in Soil Environment Monitoring

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Deadline for manuscript
submissions:

closed (15 July 2023)

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.





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Message from the Editor-in-Chief

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