



Applications of GIS and Remote Sensing in Soil Environment Monitoring

Guest Editors:

Dr. Antonio Ganga

Department of Architecture
Design and Planning, University
of Sassari, 08100 Sassari, Italy

Dr. Blaž Repe

Department of Geography,
University of Ljubljana, Ljubljana,
Slovenia

Dr. Mario Elia

Department of Agricultural and
Environmental Science,
University of Bari, Bari, Italy

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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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Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

Message from the Editor-in-Chief

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Sustainability Editorial Office
MDPI, Grosspeteranlage 5
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