Special Issue

Integrated Use of Earth Observation and GIS Approaches for Soil Erosion Assessment in Local, Regional and Global Scale

Message from the Guest Editors

Dear colleagues, Soil erosion is considered a major environmental problem, as it seriously threatens natural resources, agriculture, and the environment. This Special Issue aims to assess the impact of a changing climate, land use, soil moisture, hydrology, topography, and vegetation cover on the soil erosion processes. Thus, several innovative EO (satellite remote sensing, field spectroscopy, UAVs, LiDAR, SAR, and aerial photos) and geospatial approaches will be investigated for their potential in monitoring soil properties. The main aim of this Special Issue is to raise dialogue between Geoinformatics and soil experts about the use, perspective, and current limits of EO and the associated geospatial science and technology in monitoring and modeling soil erosion at both the local and regional scale. In addition, this Special Issue can include topics related to soil loss and erosion as a result of climate change, land degradation, current and future land use, and agricultural practices, as well as the associated educational aspects.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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