Special Issue

Environmental Monitoring Based on Remote Sensing, Earth Observation and Geoinformation

Message from the Guest Editors

This Special Issue aims to explore the comprehensive utilization of geoinformation technologies for environmental mapping and monitoring across a wide spectrum of applications. Specific topics include, but are not limited to, the following: -Applicability of Active and Passive EO Sensors: synthetic aperture radar (SAR), optical, and thermal sensors.
-Multi-Sensor Synergies: exploring the combined use of various sensors.
-Applications at different scales of Proximal and Remote Sensing: phenotyping platforms, drones, and satellite-borne data.
-Phenology, Time Series, and Gap-filling: analysis of seasonal patterns and methods for addressing data gaps.
-Synergies of Remote Sensing, GIS, and Simulation Process Models: integrating different technologies to improve environmental monitoring and modeling.
-Downscaling and upscaling of biophysical parameters: Methods for translating data between different spatial scales.
-New and emerging applications of geoinformation technologies: innovative uses of geoinformation in various environmental contexts.
-Uncertainty assessment of remotely sensed data and approaches for evaluating and improving the reliability of operational products.

Guest Editors

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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.

Editor-in-Chief

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