Special Issue

Environmental Monitoring Using Satellite Remote Sensing

Message from the Guest Editors

The sustainable management of the environment is one of the major challenges of the modern era, with the goal of a wise use of the resources, while preserving ecosystems integrity. A deep understanding of the status of the environment and an accurate monitoring of its dynamics, especially in response to anthropogenic actions, are crucial to develop a correct management strategy. In this context, Remote Sensing techniques can provide a major contribution. In this perspective, research efforts are needed to develop methods and tools for the integration of platforms and sensors with different spectral, spatial and temporal resolutions. This integration is essential to expand the capabilities of a multi-temporal and multi-scale monitoring of the environment and enlarge the number of applications that may benefit from remote sensing data. Furthermore, the development of best practices to validate the results and predict the accuracy of the proposed approaches is another crucial aspect. This Special Issue aims to collect high quality contribution to the advancement of satellite remote sensing technology and solutions for environmental monitoring applications.

Guest Editors

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Deadline for manuscript submissions

closed (20 April 2024)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/104361

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Message from the Editorial Board

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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