Special Issue

Big Earth Observation Data Analysis for Environment Monitoring

Message from the Guest Editors

Satellite Earth observation (EO) is the most comprehensive and timely source of data to address global environmental challenges. Despite the increasing availability of free and open EO data, environmental information on the continental or global scale has not yet been produced at the same speed. Several computational challenges related to big EO data handling and processing have been tackled recently. Big EO data analytics provide a unique opportunity to generate new information about and insights into the global environment. However, deriving environmental information with appropriate semantics from big EO data is still a challenge. This Special Issue aims at featuring innovative research that advances big EO data analysis for environmental monitoring. Applications may be related to the whole human Earth system, for example, biodiversity, forestry, agriculture, land-use changes, burning dynamics, and soil degradation.

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Deadline for manuscript submissions

closed (15 July 2022)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/54237

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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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