

Special Issue

Near Real-Time Remote Sensing Data and Its Geoscience Applications

Message from the Guest Editors

Near real-time satellite remote sensing of the earth has become a reality since response times for receiving data from existing and future purpose-built satellites can be limited to minutes. Multispectral image and video color image data with varying resolutions from intelligent satellite systems have become available for processing for a wide range of applications, including for aspects of the environment, including agricultural growth, disaster monitoring, floods and wildfires, atmospheric monitoring, sea and ice conditions for shipping, fire email alerts, national security, near real-time road and rail traffic usage, environmental applications including the assessment of ecosystem services and contributing to economic growth of urban and suburban areas. This Special Issue will welcome contributions on the design of intelligent satellite systems for near-real-time purposes, data processing for applications of near real-time data acquisition from satellites, advances in onboard processing for provision of applications-ready data to users, algorithms for processing of near-real-time video and multispectral data for information services.

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Deadline for manuscript submissions

31 August 2026



Remote Sensing

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 8.6



mdpi.com/si/218612

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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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