

Special Issue

Earth Observation for Sustainable Development Goals (SDGs): From Environmental Monitoring to Social Indicators

Message from the Guest Editors

This Special Issue aims to examine how these new EO capabilities can move the field beyond proof-of-concept studies toward operational, policy-relevant, and decision-ready contributions to SDG monitoring. Suggested themes include: greenhouse-gas monitoring from space; methane and carbon accounting; biodiversity, ecosystem condition and forest carbon; hyperspectral EO for soils, agriculture and habitat condition; radar EO for water, wetlands, flood risk and land deformation; air quality and human health; EO for social and economic indicators; indicator validation, uncertainty and interoperability; integration of EO with national statistics, citizen science and in situ data; digital public infrastructure, AI and cloud platforms for SDG reporting; and the role of EO in shaping post-2030 sustainability indicators and governance. We welcome research articles, review papers, methodological papers, data papers, perspective articles, and case studies that demonstrate how new EO datasets can improve the credibility, scalability and policy relevance of sustainable development monitoring.

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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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