

Special Issue

Earth Observation Data in Environmental Data Spaces

Message from the Guest Editors

Data spaces are infrastructures that facilitate data transactions between different parties in a data ecosystem, based on a governance framework. They deploy interoperable tools and services for processing data and include a data governance structure compatible with relevant legislation and FAIR principles. Trust is at the core of data spaces, achieved through data quality documentation, authentication and authorization services, and clear license schemas enabling data reuse. However, the implementation of data spaces in the Earth Observation domain is still developing. This Special Issue explores the design principles of data spaces for Earth Observation data while examining standards, practices, and implementations that enable better data sharing of remote sensing and in situ environmental observations. We welcome discussions of emerging cyberinfrastructures that share a similar aim. Examples of European data spaces promoted by the European Commission are the Green Deal Data Space and Agriculture Data Space. Be part of this exciting Special Issue and submit your research today!

Guest Editors

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Deadline for manuscript submissions

closed (15 June 2025)



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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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