

## Special Issue

# Irrigation Estimates and Management from EO Data

### Message from the Guest Editors

Irrigation is currently the largest freshwater consumer over anthropized basins and one of the most important factors of disturbance in the natural hydrological cycle. Remote sensing has proven to be an essential tool for monitoring irrigation dynamics, as well as reliable support for management strategies. Hence, the development of remote-sensing-based algorithms and innovative techniques aimed at detecting and estimating irrigation is needed to face the further stress on the water resource foreseen in the upcoming years due to population growth, the rising living standards, and the global warming scenarios. This Special Issue welcomes novel studies aimed at monitoring irrigation dynamics at different spatial scales through Earth Observation (EO) data, as well as works proposing managing strategies based on remote sensing observations. Review papers are also welcome.

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### Guest Editors

Dr. Jacopo Dari

Dr. Sara Modanesi

Dr. Christian Massari

Dr. Luca Brocca

Dr. Julian Koch

Dr. Manuela Girotto

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### Deadline for manuscript submissions

closed (31 December 2022)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### 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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### Editor-in-Chief

Dr. Prasad S. Thenkabail

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