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Multi-Source Remote Sensing Data for Water Resource Management in Agriculture

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Deadline for manuscript submissions:
closed (25 March 2024)

Message from the Guest Editors

Remote Sensing techniques and availability of data from different platform has opened new perspectives for supporting sustainable water resources management. Remote Sensing on irrigation monitoring can provide detailed spatial/temporal information of the dynamics of the irrigated areas and the key elements of wich irrigation depend like crop Evapotranspiration (ET) and Soil Moisture (SM).

This Special Issue invites papers focused on the design and development of methods, algorithm, strategies, and new technologies for water resource management and development impact assessment using multi-source remote sensing technologies under land use and climate changes. Potential topics include, but are not limited to:

- Mapping irrigated areas;
- Evapotranspiration mapping;
- Soil Moisture mapping;
- Synergy between radar and other sensors for SM and ET retrieval;
- Role of remote sensing in supporting water policy;
- Application of remote sensing techniques to estimate water stored volume in artificial reservoir.

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Special Issue

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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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