



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

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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 which 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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Message from the Editorial Board

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