



Irrigation Estimates and Management from EO Data

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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