Special Issue

Applications of Multi-Source Remote Sensing Technologies in Soil Moisture Monitoring

Message from the Guest Editors

This Special Issue aims to showcase the latest progress in remote sensing-based soil moisture monitoring, addressing existing challenges and exploring future research directions. Contributions discussing the effectiveness, limitations, and potential of remote sensing technologies and models in soil moisture monitoring are especially encouraged. Original research articles, review papers, and technical investigations are welcome, focusing on topics including but not limited to the following:

- Validation and evaluation of remote sensing based soil moisture products with in situ measurements;
- Application of remote sensing technologies for soil moisture monitoring in various land covers;
- Advancements in models and algorithms for soil moisture inversion using spacebore or airborne multispectral remote sensing, passive microwave remote sensing or SAR;
- Investigations the soil moisture changes in a large scale or for a long time;
- Advancements in models and algorithms for soil moisture inversion by fusing multi-source remote sensing data.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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