

Special Issue

Research on Soil Moisture and Irrigation, 2nd Edition

Message from the Guest Editors

Topics include, but are not limited to, the following:

- Methods, instruments and systems for soil moisture sensing or water status detection in farmland;
- Satellite and UAV remote sensing methods for soil moisture monitoring and generation of irrigation prescription chart;
- Data fusion methods for temporal-spatial resolution improvement of soil moisture or water status;
- Modelling soil moisture variations for irrigation;
- Combined application of crop model and machine learning model for irrigation scheduling based on soil moisture;
- Irrigation control methods focused on soil water status;
- R&D of efficient irrigation systems based on soil moisture;
- Effects of soil structures on soil infiltration and soil water status.

Both original research and review papers are welcome.

Guest Editors

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Deadline for manuscript submissions

29 September 2026



Water

an Open Access Journal
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Impact Factor 3.5
CiteScore 6.7



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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

Dr. Jean-Luc PROBST

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