

Remote Sensing for Hydrogeological/Hydrological Modelling and Applications

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Deadline for manuscript
submissions:

closed (20 April 2024)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on Earth observation applications for improving our understanding of variability in water-cycle behavior and water resources, a necessary step toward evidence-based sustainable water resources management and water security. We welcome submissions that are related (but not limited) to the following topics:

- Development of retrieval algorithms for various types of satellite hydrologic products;
- Validation of satellite hydrologic products using ground measurements;
- Monitoring of hydroclimatic extreme events from Earth observation;
- Satellite detection of variability in regional or global surface water and groundwater resources as influenced by climate change and/or human activities;
- Application of satellite hydrologic products in computational models;
- An integrated use of Earth observation, ground measurements, and computational modeling for advancing the understanding of the physical processes that govern water movement in the surface/subsurface domains of the Earth system.

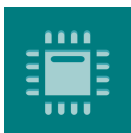
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Special Issue



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