

## Special Issue

# Remote Sensing for Hydrogeological/Hydrological Modelling and Applications

### Message from the Guest Editors

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.

For more information, please visit: [mdpi.com/si/116870](https://mdpi.com/si/116870)

### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2024)



## Sensors

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## About the Journal

### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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