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## Earth Observations for Water Sciences: New Results from Remote, Proximity and Citizen-Driven Monitoring

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**Dr. Maria Lanfredi**

**Dr. Rosa Coluzzi**

**Prof. Dr. Fernando Nardi**

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Deadline for manuscript  
submissions:

**closed (10 September 2023)**

### Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to highlight advances and breakthroughs in the use of innovative data sources within the diverse fields of water research.

We aim to collect contributions on the recent progress in the use of sensors and products that may be useful to hydrologists and geoscientists, especially in regions where traditional data are scarce. Potential topics include but are not limited to the following, with closely related topics also welcome:

- monitoring of water-balance elements;
- monitoring of hydrological and hydraulic variables;
- hydraulic and hydroclimatic risk assessment and mitigation;
- water quality and water resources management;
- collection of data on surface waters and their characteristics;
- crowdsourcing and citizen science for integrating human sensor and behavioural mechanisms for improved knowledge, predictions and awareness in water resource and risk management.

We encourage authors to share their knowledge, experience, and achievements by submitting original research articles, reviews, recent advances, future trends and case studies.



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# Special Issue



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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.

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