



## Recent Advances in Analytical and Monitoring Methods for Water Environment Applications

Guest Editors:

**Dr. Joanna Jaskuła**

**Prof. Dr. Mariusz Sojka**

**Dr. Rafał Wróżyński**

Deadline for manuscript  
submissions:  
**closed (31 October 2021)**

### Message from the Guest Editors

The Special Issue aims to publish research results from the following areas:

- Water environment: current status and future challenges;
- Improving understanding of impacts, vulnerability, and adaptation to climate change in the water environment;
- Advanced analytical techniques in water pollutant assessment;
- Application of remote sensing and GIS in water resource monitoring;
- Technical and non-technical problems related to reservoir functioning and operation;
- Modeling of integrated water resource management (river/ lake/reservoir systems);
- Impact of eutrophication and overgrowth processes on water resources;
- Modeling of sediment transport and assessment of reservoir and lake silting;
- Mitigating impacts of anthropogenic pressures on water quality;
- Assessment of heavy metal concentrations in water and sediments in rivers, reservoirs, and lakes;
- Influence of extreme climate events (floods, droughts) on water resource management.





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**Prof. Dr. Giulio Nicola Cerullo**

Dipartimento di Fisica,  
Politecnico di Milano, Piazza L.  
da Vinci 32, 20133 Milano, Italy

## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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*Applied Sciences* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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