



Recent Advances in Analytical and Monitoring Methods for Water Environment Applications

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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.

