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## Research Progress on Water Quality and Sediment Quality

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submissions:

**closed (15 April 2025)**

### Message from the Guest Editor

As more and more information, as well as technological advances, become available, relevant research is progressing with the aim of gaining more insight into the factors and processes that affect water and sediment quality; “old” and “new” pollutants, their transformation products occurrence, and effects; analytical methods optimization and toxicity estimation; and development of quality indicators. Increased efforts are also directed toward the achievement of these research goals while simultaneously minimizing time, effort, cost, and exposure to toxic reagents and solvents, both for the analysts and for the environment, in the framework of green chemistry and circular economy. The present Special Issue aims to present and highlight the most recent advances in this field, including characterization and identification techniques and applications, toxicity tests, indicator development, new insights in processes and approaches, and optimization of methodologies towards green chemistry and circular economy, for the protection of the environment and human health.



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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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