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Spatiotemporal Variability, Identification, and Control Technologies of Pollutants in Surface Water

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Message from the Guest Editors

This Special Issue aims to highlight the recent advances on pollution assessments and source apportionments with a multiscale perspective on numerical and theoretical developments, along with corresponding pollution control techniques towards surface water in low-to-high-altitude areas.

Potential topics of interest include, but are not limited to:

- Spatiotemporal variability and identification of organic/inorganic pollutants in the surface water;

- Response of aquatic ecosystem health status to water environmental factors in surface water;

- Adsorbent development and corresponding structure–performance correlations regarding the removal and recycling of inorganic matter (e.g., salt, heavy metals, etc.);

- Heterogenous catalyst fabrication and catalytic mechanisms from atomic/molecular perspectives for organic pollutant degradation via advanced oxidation techniques.

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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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