

Oxidative Processes in Water and Wastewater Treatment Systems

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Deadline for manuscript
submissions:

closed (31 October 2021)

Message from the Guest Editors

Dear Colleagues,

Oxidative processes are important elements for established and innovative water treatment as they provide simultaneous oxidation of chemicals and disinfection and can be applied to drinking water treatment, advanced wastewater treatment, as well as non-potable and potable reuse.

We invite researchers to contribute experimental and computational studies as well as critical reviews to this Special Issue of *Water* with the following topics:

- Reaction mechanisms during oxidative water treatment
- Systematic understanding of transformation product formation and their persistence, mobility, and toxicity in the environment
- Efficiency and mechanism of pathogen and antibiotic microbial resistance removal in oxidative treatment processes
- Development of novel concepts and materials for advanced oxidation of trace organic chemicals
- Comparative assessment of different (advanced) oxidation processes.

The deadline for abstract submissions is **30 April 2021**.

For further reading and abstract submission please visit the **Special Issue Website**.





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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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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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