

## Special Issue

# Water Treatment Technology Based on Chemical Processing

### Message from the Guest Editor

This Special Issue, titled "Water Treatment Technology Based on Chemical Processing", seeks high-quality original research and review articles that address recent advances, innovations, and applications of chemical-based technologies for water and wastewater treatment from an ecological perspective. The aim is to promote scientific contributions that support progress towards global water security, environmental protection, and sustainable development. Topics include, but are not limited to, the following:

- Advanced oxidation processes (e.g., Fenton, ozone, photocatalysis).
- Adsorbents and ion exchange materials with chemical functionalization.
- Electrochemical and photoelectrochemical water treatment.
- Nanomaterials and catalysts for water purification.
- Hybrid systems combining chemical, physical, and biological processes.
- Kinetics, mechanisms, and modeling of chemical reactions in water treatment.
- Life cycle assessment and environmental impact of chemical technologies.
- Pilot-scale and full-scale implementations of chemical treatment systems.

### Guest Editor

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### Deadline for manuscript submissions

10 March 2026



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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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