Special Issue

Applications of Electrochemical Technology in Wastewater Treatment and Seawater Desalination

Message from the Guest Editors

Extensive efforts are underway to enhance wastewater treatment technologies and implement seawater desalination, aiming to protect surface water quality and create new sources of drinking water. Electrochemical technologies are attracting increasing interest due to their straightforward operation with simple and easy-to-use equipment. Compared to traditional methods, they are preferred for their high pollutant removal efficiency and environmental friendliness. This Special Issue on "Applications of Electrochemical Technology in Wastewater Treatment and Seawater Desalination" aims to present the latest advancements in electrochemical technologies for wastewater treatment and seawater desalination through high-quality papers. Topics include, but are not limited to, the following:

- Development and application of new electrode materials/electrocatalysts;
- Electrochemical advanced oxidation processes (EAOPs);
- Construction, testing, and optimization of new reaction systems;
- Mechanism and kinetic studies;
- Toxicological studies.

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Deadline for manuscript submissions

20 February 2026

Processes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5

mdpi.com/si/218284

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Editor-in-Chief

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