



water

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Advances in Electrochemical Oxidation Technologies for Water and Wastewater Treatment

Guest Editor:

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Deadline for manuscript
submissions:

closed (15 July 2023)

Message from the Guest Editor

Electrochemical oxidation (ECO) processes are advanced oxidation processes with a wide range of applications in the treatment of organic and inorganic contaminants usually found in different wastewater streams. In recent years, electrochemical oxidation has gained increasing interest for the treatment of harmful and recalcitrant organic pollutants, which are typically difficult to degrade with conventional wastewater remediation processes. Numerous publications have claimed that ECO successfully removed large levels of pollutants, while other research found that when utilized as the only treatment method, ECO suffered from a number of issues that limited its application [...]

Authors are invited to submit contributions on the study of electrochemical oxidation, including but not limited to the following topics:

- Electrocoagulation;
- Electroflotation;
- Electrocatalysis;
- Electrochemical oxidation;
- Microbial fuel cells;
- Microbial electrolysis cells.

For further reading, please follow the link to the special issue website at:

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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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