

Special Issue

New Perspectives for Water Quality and Wastewater Remediation: Advanced Oxidation Processes and Toxicity Assessments

Message from the Guest Editors

We are thrilled to introduce the Special Issue “New perspectives for water quality and wastewater remediation: Advanced Oxidation Processes and toxicity assessments”, featured in the esteemed open access journal, *Water*, published by MDPI. This Special Issue serves as a comprehensive platform for the exchange of knowledge, research findings, and innovative approaches related to both water quality and purification, wastewater remediation—focusing on AOPs—and toxicity assessments, with a focus on assuring environmental safety. The growth in the global population and urbanization, dwindling clean water supplies, increased environmental concerns, and the strong link between water quality and human health necessitate the identification and implementation of effective sustainable water purification and wastewater treatments to meet the urgent global demand for adequate, safe, and easily available water resources. Overcoming the crisis of sustainable water resources and wastewater management is of the utmost importance.

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About the Journal

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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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