Special Issue

Application of Membrane Capacitive Deionization Technology in Desalination and Wastewater Treatment

Message from the Guest Editors

Membrane Capacitive Deionization (MCDI) is an innovative technology that has gained significant attention in recent years for its promising applications in desalination and wastewater treatment, offering an energy-efficient and cost-effective alternative to traditional desalination and water treatment methods.

This Special Issue aims to compile cutting-edge research on Membrane Capacitive Deionization Technology, providing a platform for researchers and practitioners to share their latest findings on the application of MCDI as water treatment technology as well as innovations and challenges in this rapidly evolving field.

We look forward to receiving your high-quality contributions to this Special Issue, which will undoubtedly contribute to the advancement of Membrane Capacitive Deionization in the field of desalination and wastewater treatment.

Guest Editors

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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

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