

Special Issue

Marine Renewable Energy-Powered Desalination

Message from the Guest Editor

This [Special Issue](#), titled "Marine Renewable Energy Powered Desalination", will explore the innovative combination of marine renewable energy and desalination technologies, offering a platform for the latest research, advancements, and discussions related to this emerging yet important field. It will highlight advancements in marine renewable energy technologies, such as ocean wave, tidal, ocean current, and ocean thermal energy conversion, as well as their potential applications in powering desalination processes. Identifying solutions for integrating these renewable energy sources with desalination systems in cost-effective and environmentally friendly approaches is one of our goals. Secondly, to highlight the advancements in desalination techniques, including forward and reverse osmosis, electrodialysis, thermal distillation, and how they can be optimized for use in combination with marine renewable energy sources. This includes innovations in system design, technology validation, efficiency improvements, and reducing the environmental impacts of desalination processes.

Guest Editor

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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