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# **Developments in Innovative Membrane Desalination Processes**

Guest Editors:

## Message from the Guest Editors

Prof. Dr. Noreddine Ghaffour

Dr. Alla Alpatova

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Deadline for manuscript submissions: closed (31 August 2021) The aim of this Special Issue is to cover the latest achievements in innovative and energy-efficient desalination processes and materials. Original research and review papers with emphasis on the following topics, but not limited to these, are welcome:

- Emerging and conventional membrane desalination processes (e.g., RO, MD, MDC, FO, ED/EDR, electroosmosis, pervaporation).
- Membrane desalination hybrids for better energy utilization and freshwater recovery.
- Novel membranes/materials for energy-efficient desalination and low (bio)fouling.
- Novel desalination concepts utilizing renewable and unconventional energy sources.
- Brine disposal/zero liquid discharge (ZLD).
- Process economics, energy efficiency, and life cycle assessment (LCA).









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## **Editor-in-Chief**

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#### Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

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