

Special Issue

Desalination Processes by Renewable Energy (RE)

Message from the Guest Editors

This Special Issue on “Desalination Processes by Renewable Energy (RE)” aims to address recent advances in membrane desalination processes driven by RE, such as solar desalination and ocean energy desalination. Topics include, but are not limited to:

- Innovations in membrane-based desalination processes (Reverse Osmosis, Membrane Distillation, Forward Osmosis, integration of Pressure-Retarded Osmosis) driven by RE.
- Innovative solar heat-driven desalination processes
- Innovative Solar Power Cycles for desalination (Organic Rankine Cycle, Micro Gas Turbine, Supercritical CO₂ Brayton cycle)
- Ocean energy for seawater desalination

Guest Editors

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