



## Desalination Processes by Renewable Energy (RE)

Guest Editors:

**Dr. Agustin M. Delgado-Torres**

Department of Industrial Engineering, University of La Laguna (ULL), La Laguna, Canary Islands, Spain

**Prof. Dr. Lourdes García-Rodríguez**

Department of Energy Engineering, University of Seville, 41092 Seville, Spain

Deadline for manuscript submissions:

**closed (31 January 2022)**

### 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 CO<sub>2</sub> Brayton cycle)
- Ocean energy for seawater desalination





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Giancarlo Cravotto

Department of Drug Science and  
Technology, University of Turin,  
Via P. Giuria 9, 10125 Turin, Italy

## Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Chemical*) / CiteScore - Q2 (*Chemical Engineering (miscellaneous)*)

## Contact Us

---

Processes Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/processes](http://mdpi.com/journal/processes)  
[processes@mdpi.com](mailto:processes@mdpi.com)  
[X@Processes\\_MDPI](https://twitter.com/Processes_MDPI)