

Special Issue

The Use of Hybrid Renewable Energy Systems for Water Desalination

Message from the Guest Editors

Given the significant water-energy issues associated with many remote and arid regions worldwide, desalination technologies powered by renewable energy are seeing increased usage in research, projects, and developments in freshwater production plants. This Special Issue aims to publish the most exciting research regarding the use of renewables to drive water desalination.

Desalination can be performed using various technologies, but the process involves relatively high energy consumption and therefore high production costs, although recent technological advances have managed to reduce specific energy consumption. Numerous authors have highlighted the benefits derived from desalination using hybrid (conventional renewables) and fully renewable energy sources, stressing that the latter are clean, cheap, and inexhaustible.

We are seeking high-quality papers directly related to various aspects of water-energy issues. Novel study techniques are encouraged.

Dr. Enrique Rosales-Asensio

Guest Editors

Prof. Dr. Pedro Jesús Cabrera Santana
Department of Mechanical Engineering, Universidad de Las Palmas de Gran Canaria, Las Palmas de Gran Canaria, Spain

Dr. Enrique Rosales Asensio
Department of Electrical Engineering, University of Las Palmas de Gran Canaria, Campus de Tafira S/N, 35017 Las Palmas de Gran Canaria, Spain

Deadline for manuscript submissions

closed (20 April 2024)



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*Journal of Marine Science and
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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jmse@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Journal of Marine Science and Engineering (JMSE, ISSN: 2077-1312) focuses on research in the fields of Ocean Engineering, Coastal Engineering, Physical Oceanography, Geological Oceanography, Marine Biology, and Marine Environmental Science. It publishes reviews, regular research papers, and short communications, as well as Special Issues on particular subjects. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers.

Editor-in-Chief

Prof. Dr. Charitha Pattiaratchi

School of Engineering, The UWA Oceans Institute, The University of Western Australia, Perth, WA 6009, Australia

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