

Special Issue

Renewable Offshore Energies

Message from the Guest Editors

One of the main causes of climate change is the uncontrolled emission of greenhouse gases into the atmosphere. The generation of energy for both domestic and industrial use through the use of fossil resources generates very significant amounts of greenhouse gases, and therefore this type of energy sources must either be improved or replaced by others with less environmental impact. The changes in the form of energy generation are what will allow us to take care of the environment and continue conceiving life on the planet as we know it. Environment is crucial in our lives from different point of view: it gives us the oxygen to breathe, the food to feed us and the raw materials to produce our products. In this context, our oceans occupy the seventy per cent of our world. Therefore, we must take advantage of their resources: marine biological species that can cure our diseases, alternative food (new ways of marine aquaculture), offshore energy (offshore wind, wave energy, tidal energy, gradients, currents, hydrogen, etc.), maritime transport (new types of vessels, new routes of transport, etc.), water pollution (plastics, waste, etc.), social aspects, etc.

Guest Editors

Dr. Almudena Filgueira-Vizoso

Department of Chemist, University of A Coruña, A Coruña, Spain

Prof. Dr. Laura Castro-Santos

Department of Naval and Industrial Engineering, University of A Coruña, Escola Politécnica Superior, Esteiro, 15471 Ferrol, Spain

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University
Niccolò Cusano, 00166 Roma, Italy

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