

Special Issue

New Challenges in Software for Marine Energy Applications

Message from the Guest Editors

This Special Issue is focused on the unique challenges faced by marine energy researchers developing software for a specific need, and by developers of broadly applicable open-source marine energy software alike. Marine energy is a new and growing field with a diverse array of technologies. This poses a unique challenge for marine energy software, where one must decide between writing a custom (often proprietary) solution for a specific need, leveraging existing open-source packages, or developing a new software package altogether. These software architecture designs must be weighed against outside factors such as deadlines, funding, and team dynamics, challenges that are faced by the development and application of research software in general. Topics of interest for this Special Issue include, but are not limited to:

- Development and application of marine energy software;
- Research software and open-source software;
- Review of marine energy software;
- Marine energy software needs assessment;
- Development and application challenges for marine energy software.

Guest Editors

Dr. Yi-Hsiang Yu
Dr. David Ogden
Kelley Ruehl

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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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Message from the Editor-in-Chief

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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