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Special Issue on Sustainable and Innovative Use of Emerging Ocean Structural Systems

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ASME Journal of Offshore Mechanics and Arctic Engineering

Special Issue on Sustainable and Innovative Use of Emerging Ocean Structural Systems

Nearshore and open ocean areas offer abundant energy resources and several novel and unique opportunities to exploit. Innovative offshore structures to harness these resources are being operated, constructed, or are under consideration for future deployment, including those for offshore wind energy generation, aquaculture fish farming, wave energy, floating bridges, and floating solar energy. However, challenges abound for the design, testing, construction, and lifecycle asset management of these emerging structures at scale, when one considers the technical, economic, sustainability, and social issues. This Special Issue is intended to address the engineering challenges posed by various emerging offshore structures and to pave the way for thoughtful future development. Leading academics and technical professionals are invited to contribute their reviews or research papers on technological achievements and prospects.

Topic Areas

Topics of greatest interest include, but are not limited to, the following areas:

- Engineering challenges
- Novel offshore structures
- Offshore wind energy
- Aquaculture fish farming
- Marine energy
- Floating bridges
- Floating solar energy
- Modular islands

Publication Target Dates

Paper submission deadline	January 15, 2023
Initial review completed	March 15, 2023
Special Issue publication date	June 2023

Submission Instructions

Papers should be submitted electronically to the journal at journaltool.asme.org. If you already have an account, log in as an author to your ASME account. If you do not have an account, sign up for an account. In either case, at the **Paper Submittal** page, select the [ASME Journal of Offshore Mechanics and Arctic Engineering](#) and then select the Special Issue **Sustainable and Innovative Use of Emerging Ocean Structural Systems**.

Papers received after the deadline or papers not selected for inclusion in the Special Issue may be accepted for publication in a regular issue.

Guest Editor

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