

IEEE Journal of Oceanic Engineering

Special Issue on Ocean Energy

Over the past two decades, conversion of ocean energy to power ashore has received increasing attention and the corresponding technology is moving into the pre-commercial stage with a few energy converters already in the water. The ocean is a challenging environment for the operation of converters, leading to a variety of survivability issues and other problems experienced during recent experimental tests. This special issue will document progress made in the field of ocean energy conversion during the past few years. Conversion technologies of interest may address one or more of the following ocean energy sources: ocean waves, ocean currents and tides, ocean thermal energy, and offshore wind.

Manuscripts describing any combination of theoretical analyses, numerical models, and experimental test results are encouraged in the following topic areas:

- Instrumentation for wave and current measurements
- In situ power conversion technology and transmission
- Control and modeling of ocean energy converters
- Wave and tidal farm modeling
- Ocean energy technology policy
- Innovative electrical machine design for ocean energy conversion

In order to facilitate the editorial process, authors are encouraged to send an abstract to the guest editors prior to submitting their manuscripts. All manuscripts must be submitted for publication through the Journal's website: <http://joe.msubmit.net>.

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Important Dates

- **October 31, 2010:** Manuscripts submitted before this date will be considered for publication in this special issue.
- **January 2012:** Issue publication
- Manuscripts accepted for publication and finalized before January 2012 will be published in electronic form on IEEE Xplore ahead of the print version.