

IEEE Journal of Oceanic Engineering
Call for papers
Special Issue on Marine and Maritime Radar Remote Sensing

(revised 21 March 2017)

The Journal will publish a special issue focusing on modern technologies, models and added-value procedures to remotely measure and interpret marine and maritime radar data.

The special issue topics include both large-scale and small-scale sensors, i.e. considering both applications dealing with synoptic view and applications, such as climate change, but also regional and local applications, such as sea oil field monitoring.

The special issue will cover all kind of radars, i.e. coastal HF radar, Synthetic Aperture Radar (SAR), scatterometer, radar altimeter and bistatic radars. Electromagnetic modelling of the signal acquired by a radar in marine and maritime challenging scenarios are solicited as well experiments based on new drone platforms. New trends in radar polarimetry and data fusion will be also covered.

On the applicative side topics of special interest are:

- climate change variables
- wind speed
- hurricane monitoring
- sea currents and waves
- sea salinity
- sea pollution
- oil spill monitoring
- ship monitoring
- sea critical infrastructure monitoring

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Deadline for submission of papers: May 1, 2017. Manuscripts submitted before this date will be considered for publication in the special collection. All manuscripts must be submitted through the Journal's website:
<http://joe.msubmit.net>

Authors must include a cover letter when submitting their manuscript indicating that the contribution is intended for the “**Marine and Maritime Radar Remote Sensing special issue**”.

Individual papers will be posted on IEEE Xplore immediately on approval of the final galley proof, thus becoming downloadable and citable in advance of publication in the regular issue of the Journal.

Proposed target date for publication: January 2018