



Advances in Meteorology

Special Issue on

**Wind and Wave Predictions in Marine Environments**

# CALL FOR PAPERS

In the last decades developing wind and wave predictions in marine environments have become popular research topics. Knowledge of the marine environment has been understood better with modelled wind and wave datasets, supplemented by in situ and remotely sensed data. Marine weather forecasts and climatology are used for shipping, offshore operations, management of coastal hazards, research purposes, and recreational activities and they have been produced using numerical wind and wave models for over 50 years.

The wind and wave modelling communities have made significant developments in physical parameterization and model performance. Wind information is necessary to obtain accurate wave information. Therefore, improvements in the wind predictions are also of prime interest. In the recent years, many significant contributions to both wind and wave modelling have emerged. Following up-to-date developments, the main target of this special issue is to create a multidisciplinary forum of discussions on the most recent advances in wind and wave predictions in various marine environments as well as to identify possible new applications.

We invite authors to contribute original research papers that will illustrate the continuing effort to understand wind and wave predictions in marine environments at various fields and developments in these cases.

Potential topics include, but are not limited to:

- ▶ Predictions of the wind and wave conditions in marine and coastal environments
- ▶ Developments in wind and wave modelling
- ▶ Global, regional, and coastal scales, wind and wave modelling
- ▶ Extreme events and storm analyses
- ▶ Laboratory and field observations and experiments

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/amete/wwea/>.

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## **First Round of Reviews**

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