



Ocean Modelling in Support of Operational Ocean and Coastal Services

Guest Editor:

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Message from the Guest Editor

Operational oceanography is maturing rapidly. Its related capabilities are being noticeably enhanced in response to a growing demand of regularly-updated ocean information. Today, a number of core forecasting and monitoring services, focused on global and regional scales, are well-established. Sustained availability of their products has favored the proliferation of downstream services devoted to coastal monitoring and forecasting. Ocean models are a key component in operational oceanographic systems and ocean modeling progresses are a driver of service evolution.

The goal of this Special Issue is to publish most exciting research on ocean modeling with benefits in model applications that support existing operational oceanographic services. High-quality papers focused on combining ocean models with observational products, including data assimilation, are considered. Papers addressing model product quality assessments and evaluations of operational services capabilities to simulate outstanding marine processes/features and extreme events are also welcome.





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