



Maritime Big Data for Fisheries Management and Spatial Planning

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Message from the Guest Editor

Dear Colleagues,

The growing number of ship reporting technologies and remote sensing systems are generating an overwhelming amount of spatio-temporal and geographically distributed data related to large-scale vessels and their movements. Moreover, the rapid development of low-cost and easily deployable technologies and processes suggests that data collection from Small-Scale Fisheries (SSF) will become soon automated, helping fill knowledge gaps in fisheries monitoring.

In this context, this Special Issue invites original scientific contributions on topics including—without being limited to:

- Vessel detection, classification, and identification of fishing activities
- Multi-sensor data fusion for integrated maritime surveillance
- Low-cost electronic systems allowing tracking of small-scale fishing vessels
- Big-Data analytics for improving maritime knowledge and fisheries management
- MSP applications using vessel identification data
- Spatio-temporal patterns of fishing pressure and their implications for spatial planning and management
- Experiences with technologies to monitor and/or improve fishery compliance





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Message from the Editor-in-Chief

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