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Measuring, Monitoring and Exploring the Ocean: From Coast to the Deep Sea

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Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editors

This article collection aims at gathering together the marine robotic and marine science communities, to present current work and achievements using robotics, smart instrumentation, and sensor networks to measure and observe the ocean with a level of spatial and temporal resolution that would not be possible otherwise. Submissions highlighting unsolved problems and challenges in delivering the next generation of marine observing systems are particularly encouraged.

Topics include but are not limited to:

- Marine observatories
- Smart sensors
- Autonomous robots and mobile sensors
- Sensor networks
- Integration of remote sensing and in situ measurements
- Adaptive sampling
- Remote sensor management
- Planning and sensor allocation
- Targeted and intelligent sampling
- Active perception
- Situational awareness
- Ocean field measurement and tracking
- ...



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Message from the Editor-in-Chief

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