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Advanced Sensing Technology for Ocean Observation

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Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

As you know, oceans play a key role in determining climate and life on the earth. In spite of their importance, however, many aspects of sea science are still rather unknown, both because of the complexity of interactions between physics, chemistry, biology, and human activities and because of the difficulties to carry out accurate, continuous, and reliable measurements even of simple variables such as temperature and salinity. Many kinds of measurements, in particular by satellite, offer great advantages in terms of coverage and continuity but suffer some important drawbacks that cannot be overcome through other satellite observations.

Many open problems, spanning different spatial scales (from molecular processes to global issues) and timescales (from chemical dynamics to geological eras) still limit our understanding of the processes that involve ocean physics, chemistry, and biology. There is a new challenge for accurate, reliable, and continuous measurements in a variety of fields, from basic physics to applications for optimization and sustainability of fishing and navigation. For more information, please visit: mdpi.com/si/55976



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Special Issue



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Message from the Editor-in-Chief

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