

Special Issue

Applications of Remote Sensing to Marine Fisheries and Oceanography

Message from the Guest Editor

The oceans are not easily accessible, are a 'wild' environment for Man, due to their extension, difficult to observe, namely as a whole (in space) and synoptically (in time). Thus, appropriate technologies and methodologies that allow the observation of the ocean at the appropriate space and time scales are fundamental for their study and monitoring. In that sense, satellite and airborne remote sensing have these capabilities and are powerful tools for monitoring marine ecosystems, namely at a global scale. Global warming could be modulated by natural causes that might amplify or attenuate human-induced warming, creating difficulties in understanding how much of it is caused by human activities. Although many studies have pointed out for anthropogenic greenhouse gases emissions as the main cause of the warming of the global ocean, many uncertainties remain in these global trends because of the large spatial and temporal variability observed in the ocean at multidecadal time scales. Therefore, we would like to call for papers on the applications of satellite and airborne remote sensing to fisheries and oceanography from mesoscale to global scales.

Guest Editor

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

Dr. Jean-Luc PROBST

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