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Observing the Flow of Ocean Currents and Circulation Using Remote Sensing

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Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editors

Dear Colleagues,

Remotely sensed data can only provide the complete picture of the circulation of the ocean if combined with in situ measurements (moorings, floats, gliders, oceanographic cruises) that give the vertical distribution of ocean physical and biogeochemical properties. The spatial resolution of remotely sensed data ranges from a kilometer to a meter and, thus, we can resolve all the spatial spectrum of phenomena in the ocean from the large basin-scale to the small submesoscale features. Finally, assimilation of both in situ and remotely sensed data into numerical models enables us to interpolate oceanographic fields in three dimensions. This Special Issue calls for the submission of manuscripts dealing with the remotely sensed data used for the interpretation and understanding of oceanographic processes and circulation features. Interdisciplinary studies are very much encouraged.

Dr. Miroslav Gačić
Dr. Milena Menna
Guest Editors

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Message from the Editorial Board

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