

Advances in Ocean Circulation Studies

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Message from the Guest Editors

Dear Colleagues,

During the last 50 years, important progress in measurement techniques (both in situ and remote) has enabled the oceanographic community to resolve and understand to a large extent mesoscale and submesoscale processes. This especially applies to remote sensing techniques. Moreover, massive in situ ocean-wide Lagrangian (drifters and floats) and Eulerian measurements have provided complementary observations to the remote sensing techniques and an overview of large oceanic areas. Mesoscale and submesoscale features contribute substantially to energy and passive organic and inorganic material transfer. The aim of this Special Issue is to address the formation, evolution and interaction with the mean flow of these structures and their impact on the spatial distribution of inorganic and biological material as well as on primary production in the ocean. [...]

For further reading, please follow the link to the Special Issue Website at:

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Message from the Editor-in-Chief

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