

Special Issue

Advances in Ocean Circulation Studies

Message from the Guest Editors

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:
https://www.mdpi.com/journal/water/special_issues/Ocean_Studies

Guest Editors

Dr. Miroslav Gačić

Senior Scientist, National Institute of Oceanography and Applied Geophysics - OGS, Borgo Grotta Gigante 42/c, 34010 Sgonico (Trieste), Italy

Dr. Vanessa Cardin

Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Sgonico, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

[mdpi.com/journal/](https://www.mdpi.com/journal/)

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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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