

Special Issue

Physical and Biological Properties of Waters in the Region of the Antarctic Peninsula and Adjacent Basins of the South Atlantic

Message from the Guest Editor

The main goal is to assess current climatic trends (on a scale of a decade) and assess the impact of these trends on the natural complexes of the Southern Ocean and biological productivity as well as to estimate the anthropogenic impact on the basis of the data collected in the expedition. A necessary component of research is the study of the physical environment of the Southern Ocean, which includes a wide range of tasks: the study of the structure of currents, fronts, eddies, and thermohaline characteristics, water masses of the Southern Ocean, and to study the distribution and properties of Antarctic Bottom Water in the Atlantic, which carries a signal of the Earth's climate change on a scale of decades, and changes in its temperature and salinity from the regions of its formation in Antarctica to the latitudes of Europe.

Guest Editor

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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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