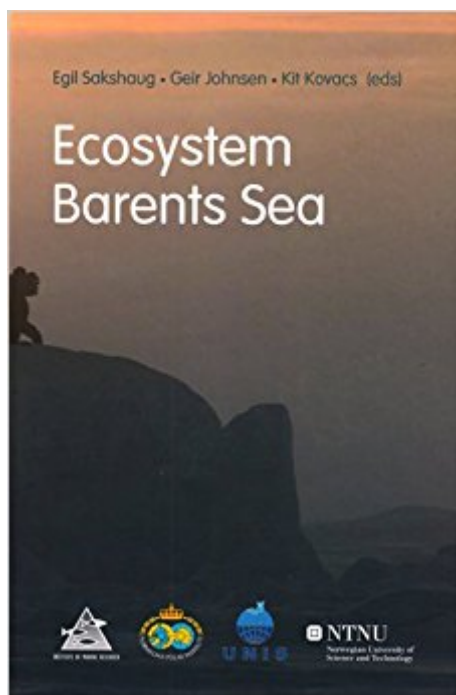


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# Ecosystem Barents Sea



## Synopsis

This book describes the marine ecosystem of the Barents Sea, located north of Norway and Russia as part of the Arctic Ocean. Basic knowledge is presented about components of the ecosystem from virus and bacteria via plankton and fish to seabirds through to marine mammals and their interactions with the physical environment. Ecosystem dynamics are given a prominent role in the book. Mathematical models of the plankton and important fish stocks are employed to help elucidate the interplay between populations and trophic levels. The situation regarding contaminants is reviewed, as is the newly established Norwegian plan for the management of the Barents Sea. The impact of global warming is also discussed. Ecosystem Barents Sea is written for all those with an interest in marine ecology in the arctic seas, including research institutes, governmental ecosystem management units, and natural resources organizations.

## Book Information

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## Customer Reviews

Geir Johnsen is a Professor of Marine Biology at the Norwegian University of Science and Technology (NTNU), and an Adjunct Professor in marine bio-optics at the University Centre in Svalbard (UNIS). His major interests are the use of bio-optical methods in taxonomy, ecology and physiology of micro- and macroalgae. His main focus in the last 20 years has been on photosynthesis, light harvesting and utilization in algae and marine invertebrates with photosynthetic endosymbionts. Current interests include new approaches in in situ and remote sensing techniques for monitoring and mapping of planktonic and benthic organisms in the water surface, water column

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