Special Issue Reprint

Technological Oceanography

Edited by
Mikhail Emelianov
Georgy I. Shapiro

Advances in our understanding of ocean phenomena would not be possible without innovations. Identifying new phenomena, assessing environmental risks, monitoring and forecasting ocean state, and delivering observational data to modelers all require technological solutions.

This Special Issue aims to present an oceanographic perspective on modern technology, allowing for a better understanding of the ocean in all its diversity, taking into account both societal and scientific needs. In this Special Issue, we have collected original papers based on applications of novel approaches in the development of new sensors, observational programs, sampling strategies, and new ocean modeling and data processing techniques. It would be impossible to describe the current state of such a complex and constantly evolving science as technological oceanography in just one volume. The articles presented here are just some examples of modern trends in the development of new technologies in oceanography.

MDPI Books

Publishing Open Access Books & Series

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.

Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.

Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.

High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.

High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).

Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.

Learn more ▶ mdpi.com/books