

Special Issue

Advanced Research on Marine Geology and Sedimentology

Message from the Guest Editors

Advanced research in marine geology and sedimentology is pivotal for understanding the Earth's history, climate change, and the formation of natural resources.

Sedimentology, the study of sediments, complements this research by examining the layers of sediment on the ocean floor. These layers act as a historical archive, recording changes in sea level, ocean currents, and past climates. By analyzing the composition and structure of these sediments, researchers can reconstruct ancient environments and track the evolution of marine ecosystems.

In conclusion, advanced research on marine geology and sedimentology is crucial for expanding our understanding of the Earth's systems and for guiding the sustainable use of our oceanic resources. Understanding the geological structure of the ocean floor can aid in the search for mineral and oil resources, while the knowledge of sedimentary processes can inform strategies for environmental conservation and disaster mitigation.

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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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