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Editorial Board Members' Collection Series: Natural Ice/Snow and Human: From Mountain to Sea

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Deadline for manuscript
submissions:

15 December 2024

Message from the Guest Editors

The cryosphere, comprising snow, river and lake ice, sea ice, glaciers, ice shelves and ice sheets, and frozen ground, plays a major role in the Earth's climate system through its impact on the surface energy budget, the water cycle, primary productivity, surface gas exchange and sea level. Therefore, the cryosphere is a fundamental control on the natural sciences, engineering sciences and social sciences. Because a lot of human live in the cold regions, ice is part of their life. With climate changes, the impact and adaptation from cryosphere elements become urgent, and ice as well as ice engineering are point events. Therefore, understanding the properties of ice/snow behaviours, and their actions and applications in hydrology, ecology and engineering are useful for Earth Sciences, Engineering Sciences and Social Sciences in cold regions.

This special issue will cover ice/snow physical, thermal, mechanical, optical, and electrical properties and their applications in different fields. The scope will also include the theoretical studies and practice applications in remote sensing, investigation.....



mdpi.com/si/165025

Special Issue



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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.

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

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