

Special Issue

Cryospheric Hydrological Processes and Water Resources under Climate Change

Message from the Guest Editors

The hydrological processes of the cryosphere have become a popular topic within water science for climate change, focusing on global sea-level change and the concept of “water towers”, for several large rivers and their downstream basins. Therefore, the aim of this Special Issue is to publish significant original research on natural change and the social impact of cryospheric hydrological processes and water resources, as well as the impact on policy dimensions and possible solutions. Understanding how to ensure the wellbeing of current and future generations within the limits of the natural world is the overarching goal of sustainability research. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: glacier meltwater change, observations on cryosphere hydrological processes, snowmelt change, hydrological processes of frozen ground, the impact of cryospheric hydrological process change, the disaster of cryospheric hydrological process change, and the impact on the carbon cycle. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Yongjian Ding

Prof. Dr. Shiqiang Zhang

Prof. Dr. Xiangying Li

Deadline for manuscript submissions

closed (15 March 2022)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

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