

Special Issue

Hydroclimatic Changes in the Cold Regions

Message from the Guest Editors

The cold regions of the Earth including the pan-Arctic drainage basin and alpine areas are experiencing unprecedented climate-induced environmental changes as well as increasing human impact. These regions are warming at a greater rate than the rest of the planet, and the regional water and energy cycles are undergoing rapid transformations as a consequence of complex interactions of multiple drivers and feedbacks. This Special Issue of *Water* invites papers focusing on the quantification of contemporary and future changes in various components of hydroclimatic systems in cold regions of the Earth and on the assessment of the potential causes of these changes through the analysis of various data (ground, field and remote sensing) and/or numerical modeling. We also invite publications discussing how the hydroclimatic changes in the cold regions affect other parts of the world.

Guest Editors

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Deadline for manuscript submissions

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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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