Special Issue

Hydrological Impacts of Degrading Permafrost and Changing Climate

Message from the Guest Editors

The overall foci of this special issue are: Evolution and degradation of permafrost; 2) Hydrological and eco-hydrological impacts from degrading permafrost; 3) Adaptation to and sustainability of hydrological and hydrogeologicla environment under a warming climate and with a degrading permafrost, and; 4) Methods and approaches for studying and assessing the degrading permafrost and its hydrological and hydrogeological impacts. Our special issue will work out on reviewing of the status quo and recent advances in this special field of permafrost hydrology and hydrogeology under a changing climate and in a degrading permafrost environment, which are also strongly affected by increasing human activities and natural processes and geoenvironmental factors, such as wildfires, rising sea level, and fault-induced earthquakes. This special issue of Water aims at attracting papers on the innovative research and methods at the cutting eges of the water sciences in cold regions, especially those conducted in the Arctic and Antarctic, Boreal and Australian, as well as the Third Pole with the core of the Qinghai-Tibet Plateau.

Guest Editors

Prof. Dr. Huijun Jin

Prof. Dr. Ziyong Sun

Dr. Sizhong Yang

Prof. Dr. Sihai Liang

Deadline for manuscript submissions

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Water
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
water@mdpi.com

mdpi.com/journal/water

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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
Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, France

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