

## Special Issue

# Impacts of Climate Change on Water Resources in Glacierized Regions

### Message from the Guest Editors

This Special Issue invites original research papers that focus on glacierized catchments and regions and contribute to our ability to understand, quantify and predict the impacts of climate change on the cryosphere and water resources. We focus on the mountains, but do not exclude other regions where components of the cryosphere contribute to runoff. We particularly welcome topics including but not limited to: (i) Assessment of changes in the cryosphere which have implications for catchment and regional hydrology and water resources; (ii) Detection and attribution of hydrological response to changes in climate and cryosphere with emphasis on the natural catchments; (iii) Quantifying contributions of different sources to runoff (snow, glacier ice, ground ice); (iv) Changes in glacier and mountain lakes; (v) Hydrological hazards associated with the degradation of the cryosphere; (vi) Modelling future changes in the cryosphere, water balance and discharge; (vii) Water management and adaptation strategies and options.

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### Guest Editors

Dr. Maria Shahgedanova

Geography and Environmental Science, University of Reading, UK

Prof. Igor Severskiy

Department of Glaciology, Kazakhstan Institute of Geography

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### Deadline for manuscript submissions

closed (29 February 2020)



## Water

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CiteScore 6.0



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## About the Journal

### 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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### Editor-in-Chief

Dr. Jean-Luc PROBST

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