



## Climate Change and Human-Induced Changes on Hydrological and Fluvial Process

Guest Editors:

**Dr. Li He**

Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing 100101, China

**Prof. Dr. Biyun Guo**

School of Marine Science and Technology, Zhejiang Ocean University, Zhoushan 316022, China

**Prof. Dr. Ali A. Assani**

Département des Sciences de l'Environnement, University of Quebec at Trois-Rivières, Trois-Rivières, QC G9A 5H7, Canada

Deadline for manuscript submissions:

**closed (29 February 2024)**

### Message from the Guest Editors

A large number of rivers worldwide are being hydromorphologically altered by climate- and human-induced changes. Additionally, climate-change- and human-induced changes are driving an increase in extreme events. This leads to greater occurrences of water hazard events such as droughts and floods. Due to the increase in large hydropower dams planned across the world, most of the river basins will be severely regulated. Rivers will adjust to disturbances in a very complex way.

This Special Issue aims to offer an appropriate avenue for discussing and disseminating recent developments in hydrological and fluvial processes, coming from students, researchers, and professionals working in careers linked to water.

For this Special Issue, papers reporting theoretical, field, laboratory, and numerical investigations on hydrological and fluvial processes are welcome.

Authors are encouraged to submit their manuscripts related to the following topics:

- Hydrological processes;
- Water related hazards under the global climate change;
- Fluvial processes;
- Human impacts on fluvial system;
- Risk mitigation.

