

Special Issue

Climate Impacts on Water Resources: From the Glacier to the Lake

Message from the Guest Editor

Due to climate change, the system from the glacier to the lake in mountainous regions has undergone significant change, which is expected to change further in the future. Changes in glacier-lake system markedly impact spatio-temporal variations of water resources and water safety. An assessment of glacier-lake system's current status and potential future changes is important for the sustainable water resources management for agriculture, hydropower, drinking, water-related hazards and water safety. Therefore, understanding the variation of water resources caused by changes in glacier-lake system and its response to climate change is crucial for billions of people downstream regions. The aim of this Special Issue is to investigate the present and future status of glaciers and alpine lakes in conditions of climate change, explore the linkage and interaction between glaciers and alpine lakes and associated impacts on water resources and water safety.

Guest Editor

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