

## Special Issue

# Impact of Climate Change on Hydrology

### Message from the Guest Editors

Lakes constitute an important element of the hydrosphere. Due to the high ability to accumulate energy and matter, they stand out among other components of the environment. These properties make them important in the context of water circulation, biodiversity, availability of water resources, economy, recreation, etc. In many regions of the world, they are therefore of key significance in purely environmental terms, but also through their direct importance in human life. Due to the observed climate change, many current processes are subject to transformation, considerably affecting the functioning of the entire lake ecosystem. Some examples of these include, among others, water level fluctuations, water temperature, ice cover, water quality, and hydrobiological conditions. Therefore, it is important to have as detailed information as possible on the response of lakes to climate change. Such knowledge provides the basis for interpretation of changes in a broader aspect referring to lake catchments or regions. We encourage all authors dealing with the broadly defined issue of lake studies to publish their papers in the present Special Issue.

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### Guest Editors

Prof. Dr. Mariusz Ptak

Prof. Dr. Mariusz Sojka

Dr. Senlin Zhu

Dr. Maciej Bartosiewicz

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### Deadline for manuscript submissions

closed (25 February 2022)



## Applied Sciences

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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