

Special Issue

Natural or Artificial Water Reservoirs' Impacts on Mitigating the Intensities of Floods and Droughts

Message from the Guest Editor

The objective of this Special Issue is to bring together studies that demonstrate the contribution of natural or artificial water reservoirs to mitigate the downstream impacts of floods and droughts. It is based on studies relating to a single or numerous water reservoirs constructed on the scale of a single or several watersheds. In addition, studies relating to the problem of the stability of artificial structures (dams, dikes, etc.) of water reservoirs in the context of the increase in the intensity and frequency of floods in the short, medium, and long term terms will be welcome. Finally, the impacts of this water storage by these natural and/or artificial reservoirs during these extreme hydrological events on natural and anthropized ecosystems, as well as on human behavior, will also be favorably welcomed.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth.

Hydrology has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems.

The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

Editor-in-Chief

Prof. Dr. Ezio Todini

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