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# Evolution of the Hydrological Regime in Relation to Climate Change

Guest Editors:

**Dr. Xi Chen**

**Dr. Rafael J. Bergillos**

**Dr. Xiaojun Wang**

Deadline for manuscript submissions:
**closed (30 September 2023)**

## Message from the Guest Editors

Climate change impacts on hydrological systems can provide guidance for water resources management. By investigating watersheds under climate change, new knowledge about hydrological systems can be developed. In the era of Big Data, the availability of climatic and hydrological data is increasing, which provide an opportunity to explore new relationships between hydrological regimes and climatic drivers. According to the Budyko framework, water partitioning from precipitation to runoff and evaporation in watersheds is primarily controlled by climate. Given continuous climate change, it is expected that hydrological systems will correspondingly evolve. This Special Issue present the latest evidence of the co-evolutionary relationship between climate and hydrological systems. We invite authors to submit research articles with topics related to the following key points:

- Comparison of hydrological processes across different climatic regions
- Data-guided investigation of hydrological dynamics in watersheds under climate change
- Hydrological models with representations of changing hydrological regimes, considering the impact of climate change

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**Dr. Jean-Luc PROBST**
Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## Message from the Editor-in-Chief

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## Contact Us

*Water* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI