

# Special Issue

## Forest Hydrology under Climate Change

### Message from the Guest Editors

Forest hydrology could potentially exert a critical role in regulating forest structure, function and ecosystem services. Under global climate change, forest hydrological processes have shifted and, subsequently, reduced the stability of forest ecosystems. Hence, exploring the response of forest hydrology to climate change is essential for forest management. Despite its importance, many related issues remain unclear thus far, for example, questions concerning how climate change alters forest evapotranspiration, plant water use patterns, the water cycle in ecosystems, etc. Therefore, the scope of this Special Issue is to collect recent findings from different regions tackling issues related to forest hydrology under climate change using various methods. Potential topics include, but are not limited to:

- Throughfall process;
- Stem flow process;
- Interaction between groundwater and surface water;
- Plant water uptake;
- Soil water migration;
- Forest evapotranspiration;
- Ecohydrological separation and connectivity.

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### Guest Editors

Dr. Beibei Zhang

Prof. Dr. Qing Xu

Dr. Jian Wang

Dr. Ting Wang

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### Deadline for manuscript submissions

closed (30 August 2024)



## Forests

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*Forests*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[forests@mdpi.com](mailto:forests@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

*Forests* (ISSN 1999-4907) is an international and cross-disciplinary, scholarly forestry journal. The distinguished editorial board and refereeing process ensures the highest degree of scientific rigor and review of all published articles. Original research articles and timely reviews are released online, with unlimited free access. Our goal is to have *Forests* be recognized as one of the foremost publication outlets for high quality, leading edge research in this broad and diverse field. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global forestry community.

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### Editor-in-Chief

Prof. Dr. Giacomo Alessandro Gerosa

Department of Mathematics and Physics, Catholic University of Brescia,  
I-25121 Brescia, Italy

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