

## Special Issue

# Emerging Approaches in Hydrology and Water Resources

### Message from the Guest Editor

This Special Issue of Applied Sciences is dedicated to exploring the latest emerging approaches in hydrology and water resources, with a focus on their applications in addressing the challenges of a changing climate. Specifically, we seek contributions that showcase innovative approaches in hydrological modeling, uncertainty analysis, flood and drought forecasting, hydrodynamic modeling, and extreme hydrological events. We encourage original research papers, review articles, and case studies that demonstrate the innovative applications of emerging approaches in hydrology and water resources management. The goal of this Special Issue is to bring together researchers and practitioners from diverse backgrounds to share their insights, experiences, and best practices in using emerging approaches to address the complex challenges of hydrology and water resources management. We hope that this Special Issue will inspire new research collaborations and advance our understanding of the role of emerging approaches in shaping the future of hydrology and water resources management.

### Guest Editor

Dr. Majid Mirzaei

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### Deadline for manuscript submissions

closed (30 September 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

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

Prof. Dr. Giulio Nicola Cerullo  
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