

## Special Issue

# Innovations in the Modelling and Simulation of River Flow and Morphodynamics

### Message from the Guest Editors

This Special Issue, entitled “Innovations in the Modelling and Simulation of River Flow and Morphodynamics”, emphasizes recent breakthroughs and future directions in river engineering and morphology research, encompassing a wide range of topics such as:

- In-depth explorations of experimental methodologies, mathematical and numerical modelling of complex river processes, data-driven approaches, innovative management strategies, and insights assembled from real-world case studies;
- Monitoring and forecasting of river flow patterns, sediment transport, channel evolution, and the effects of climate change and human intervention on river dynamics at various spatial and temporal scales;
- Examination of the impact of riverine heterogeneity on sediment and nutrient transport, model calibration, and the uncertainties associated with predictions and observations.

[...]

For further reading, please follow the link to the Special Issue Website at:

[https://www.mdpi.com/journal/water/special\\_issues/VEFA9ZLU6Z](https://www.mdpi.com/journal/water/special_issues/VEFA9ZLU6Z)

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### Guest Editors

Dr. Soroosh Sharifi

Department of Civil Engineering, School of Engineering, University of Birmingham, Birmingham B15 2TT, UK

Dr. Bruño Fraga

Department of Civil Engineering, School of Engineering, University of Birmingham, Birmingham, UK

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### Deadline for manuscript submissions

closed (25 October 2023)



## Water

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*Water*

Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

[water@mdpi.com](mailto:water@mdpi.com)

[mdpi.com/journal/](https://www.mdpi.com/journal/)

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### Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,  
Toulouse, France

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