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## **IAHR's forthcoming series of monographs**

Hydrolink

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# IAHR'S FORTHCOMING SERIES OF MONOGRAPHS

By Damien Violeau

IAHR aims to provide researchers and practitioners with the best access to solid reference research works and state of the art knowledge by boosting its publication portfolio and introducing a new series of monographs, typically mid-sized publications (about 50 to 100 pages). This initiative is in accord with its new four-year strategic plan<sup>1</sup>.

The new monograph series aims to bridge knowledge gaps, summarize existing knowledge, and disseminate recent advances in technologies and methods. Additionally, the monographs will succinctly present information on physical processes, measurement techniques, theoretical material, numerical modeling techniques, engineering applications, and historical and cultural matters in an appealing manner. IAHR intends that the monographs help people readily understand current and emerging concepts regarding focused topics.

The new series of monographs is now underway with seven selected promising editions:

- Artificial intelligence in hydroinformatics
- Bed shear stress in fluvial environments
- Ice issues at dams
- The lattice-Boltzmann method for hydraulic applications
- Hydraulic design guidance in a changing climate
- Measurement of gravel bedload in wadeable mountain streams
- Variational waves

Monograph publication will begin no later than 2022 and will start off with some more 'traditional' shaped text publications, but there is strong desire to explore if other forms of publication, such as a more web-based or interactive digital style are possible too to convene the knowledge transfer that is desired by IAHR's members and people beyond IAHR. Publications, therefore, will use a digital format rather than paper-print, in order for IAHR members to freely access these publications from IAHR's website. IAHR hopes this arrangement will significantly increase monograph accessibility and readership and substantially promote recognition of the monographs' authors. IAHR's many technical committees will be glad to consider additional topics for monographs. Proposed topics should be sent to IAHR via the email address mentioned below<sup>2</sup>.

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1 | After the 2019 Panama City World Congress, IAHR established a new Committee on Publications, chaired by Prof. Robert Ettema (Colorado State University, USA). This Committee includes a task force (TF) to manage this new monograph series. The TF is chaired by Prof. Damien Violeau (EDF, France), with contributions from Prof. Vladimir Nikora (University of Aberdeen, UK), Prof. Claudia Adduce (University of Roma Tre, Italy), Dr Ellis Penning (Deltares, Netherlands), Prof. Ioan Nistor (University of Ottawa, Canada) and Estibaliz Serrano (Publication manager, IAHR secretariat).

2 | Prior IAHR monographs are listed at <https://www.routledge.com/IAHR-Monographs/book-series/IAHRMON>. Those monographs are books, longer and thus different from the new series of IAHR's incisive monographs.

## The call for abstracts remains open until 1 October 2021

Congress themes:

1. Human-water relationships
2. Snow, river, and sediment management
3. Environmental hydraulics and urban water cycle
4. Hydraulic structures
5. Water resources management, valuing, and resilience
6. Computational and experimental methods
7. Coasts, estuaries, shelves, and seas
8. Extreme events: from droughts to floods



39<sup>th</sup> IAHR  
 WORLD CONGRESS  
**GRANADA, SPAIN 2022**  
**From Snow to Sea**  
 19-24 June 2022

**Key dates:**

- Abstract submission close 1 October 2021
- Abstract authors notification 15 November 2021

- Final paper submission deadline 1 February 2022
- Final paper notification deadline 15 March 2022

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