

Special Issue

Fluid Mechanics of Open Channel Flow

Message from the Guest Editors

Water plays a major role in human perception of the environment because it is an indispensable element and human life is totally dependent upon water. The technical challenges facing hydraulic engineers are formidable and sustained research efforts are essential. Hydraulic engineers are at the forefront of science to deliver water to the community, as well as to protect our society from water-related disasters. Although hydraulic engineers have a leading role to contribute, the technical challenges in open channel flows are huge.

Following of Hunter Rouse's classical text "Fluid Mechanics for Hydraulic Engineers" (1938), the aim of this Special Issue is to present a group of papers that could summarize the state-of-the-art of the fluid dynamics of open channel flows, in environmental geophysical and man-made applications, at the time of reporting novel pathways in research. It will contain experimental, theoretical and numerical contributions on the topic.

Contributions to the special issue will be by invitations (only).

Guest Editors

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Deadline for manuscript submissions

closed (15 October 2018)



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Message from the Editor-in-Chief

Fluids (ISSN 2311-5521) is an international journal on all aspects of fluids in open access format: research articles, reviews and other contents are released on the internet immediately after acceptance. You are invited to contribute a research article or a comprehensive review for consideration and publication in *Fluids*. The scientific community and the general public have unlimited free access to the content as soon as it is published. Please consider *Fluids* as an exceptional, exciting enterprise ready to reward your trust, attention, and active participation.

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