Special Issue

Industrial and Environmental Fluid Mechanics

Message from the Guest Editors

The fluid mechanics of water is of the highest importance for many industrial and natural processes. To highlight this, the focus of this Special Issue is to, from a genuine fluid mechanical approach, present analytical, numerical or experimental results of importance for one or several such processes. This may, for instance, be the fluid mechanics of manufacturing processes, energy processes, heat transfer processes, urban water flows, and the flow in oceans and rivers. The usage of advanced experimental and numerical methods is of special interest, as well as modern analytical techniques, such as machine learning. All results presented should be based on quality and trust and include error analysis. The results should also be discussed in terms of the industrial or environmental application of interest.

Guest Editors

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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.

Editor-in-Chief

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