Special Issue

Using Computational Fluid Dynamics Techniques Applied to Engineering Systems

Message from the Guest Editor

The aim of this Special Issue is to present the state-of-the-art and applications related to the use of CFD tools in engineering systems, such as water supply and drainage systems or heat transfer processes, presenting research to study the performance of these devices as well as to predict the fluid behavior in detail as additional information to the experimental data.

Keywords

- computational fluid dynamics
- water supply
- drainage systems
- heat exchangers
- hydrodynamics
- flow behavior
- thermal processing

Guest Editor

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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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