

Special Issue

Recent Advances in Engineering Applications of Computational Fluid Dynamics

Message from the Guest Editor

Computational fluid dynamics (CFD) is an approach to solve fluid mechanics problems using computer simulations, and has been widely used in engineering applications in various fields of aeronautic, civil, environmental, hydraulic, chemical and mechanical engineering. This Special Issue welcomes the original high-quality works on engineering applications of CFD. The works on novel numerical methods or models, such as machine-learning aided CFD, high fidelity CFD, turbulence and multiphase flow models are also welcome.

Guest Editor

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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