

Special Issue

Advances in Multiphase Flow: Theory, Research, and Applications

Message from the Guest Editor

Multiphase flow is an important branch of fluid mechanics, which has a wide range of applications in energy, chemical, mechanical, petroleum, water conservancy, environment, medicine, and other fields. Although many achievements have been made in fundamental research and application of multiphase flow, there are still many problems that urgently need to be solved. Therefore, this Special Issue aims to publish original research or review articles that explore the fundamental principles and applications of any multiphase flows. Potential topics include, but are not limited to, the following: gas–solid two-phase flow; liquid–solid two-phase flow; gas–liquid two-phase flow; droplets; bubbles; cavitations; and particle manipulation. We look forward to your submissions.

Guest Editor

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Message from the Editor-in-Chief

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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