# Special Issue

# Mathematical and Numerical Methods in Fluid Engineering

### Message from the Guest Editor

Numerical methods have become very important in recent years. The evolution of computation has made it possible to create interesting tools to analyze problems. In addition, numerical models provide information not always achievable through experimental techniques and are applied to many engineering fields. This Special Issue seeks contributions that fit into one or more of the subjects listed below. Nevertheless, works not directly related to these shall also be considered in cases of particular interest to this Special Issue.

- Two- and three-dimensional modeling;
- Numerical simulations;
- Computational fluid dynamics;
- Finite element analyses;
- Mathematical models;
- Innovative modeling approaches;
- Challenges in numerical models;
- Advanced models;
- New application areas.

### Guest Editor

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### Deadline for manuscript submissions

20 August 2026

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/223784

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mdpi.com/journal/applsci

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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

Prof. Dr. Giulio Nicola Cerullo
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