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Special Issue on Fluid Modeling and Its Applications

Call for Papers

Numerous fluid models have been developed to simulate the response of a TLD. Linear fluid models can be used; however, they are often limited to small liquid sloshing response amplitudes. Nonlinear fluid models can also be employed to capture the nonlinear behavior arising from the free surface boundary conditions. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **fluid modeling and its applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **fluid modeling and its applications**. In this special issue, potential topics include, but are not limited to:

- Fluid dynamics simulation
- Analytical and numerical fluid models
- Modelling and simulation of fluid flow
- Euler and burgers' equations
- Numerical methods for burgers equation
- Modeling and Fuel Blending
- Fluid continuum model
- Fluid models and its applications

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Fluid Modeling and Its Applications***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	March 25th, 2026
Publication Date	May 2026

Guest Editor:
Prof. Ilya Simanovskii, Technion-Israel Institute of Technology Haifa 32000, Israel;
Prof. Vyacheslav Irodov, Dnipro Technological University, Ukraine.

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