

Special Issue

Computational Modeling and Simulation of Solids and Structures: Recent Advances and Practical Applications

Message from the Guest Editors

Computational modeling and simulation are essential to solid and structural mechanics. They have not only covered entire engineering fields but also various scales and physics. Recently, they have been found to be able to offer theoretical backgrounds of digital transformation. Society at large is increasingly enthusiastic about data-driven modeling and simulation, and the possibilities they offer.

The aim of this Special Issue is to provide a forum for researchers to discuss recent advanced computational modeling and simulation techniques of solids and structures, and applications to solve challenging engineering problems. Innovative and novel modeling approaches, numerical methods, and industrial applications are of special interest. The industrial applications should include a strong connection to computational modeling and simulation. We invite contributions to this Special Issue on topics including but not limited to Numerical methods; Modeling and simulation aspects; Data-driven modeling and simulation; Design of solids and structures

Guest Editors

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About the Journal

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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