Special Issue

Numerical Modeling in Energy and Environment

Message from the Guest Editors

Numerical methods have become too important in recent years. The evolution of computation has made it possible to create interesting tools to analyze problems. Besides, numerical models provide information not always achievable through experimental techniques.

Numerical models are applied to many fields. Between these, environment and energy constitute a constantly expanding topic.

This Special Issue seeks contributions that fit in 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 elements analyses
Mathematical models
Innovative modeling approaches
Challenges in numerical models
Advanced models
New application areas

keywords

numerical models
mathematical models
computational models
energy
environment

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Deadline for manuscript submissions

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/72204

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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.

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