Special Issue

Computational Fluid Dynamics Applied to Hydrogen Safety

Message from the Guest Editor

Computational fluid dynamics (CFD) is a valuable tool to perform safety studies and can significantly contribute to the development of regulation, codes, and standards. The outcomes of carefully designed and specially focused studies can assist policy makers and regulatory authorities by providing recommendations regarding safety distances and the efficiency of prevention and mitigation measures. This Special Issue is dedicated to studying hydrogen-safety-related issues using CFD methodology. The SI topics cover all aspects of hydrogen safety, including but not limited to hydrogen dispersion, combustion, and fire modeling. Outstanding research works and studies in the above relevant disciplinary areas are welcome in this peer-reviewed SI of the *Energies* Journal.

Guest Editor

Dr. Stella Giannissi

Environmental Research Laboratory, National Center for Scientific Research Demokritos, Athens, Greece

Deadline for manuscript submissions

closed (30 June 2023)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/99427

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)