

Special Issue

Advances in Combustion of Gases, Liquid Fuels, Coal and Biomass

Message from the Guest Editor

This Special Issue of *Energies* gathers research on combustion as related to energy production and the associated fire and explosion safety. Both fundamental and applied research is welcome. Articles may be original research or reviews. Submissions must include state-of-the-art experiments, computations, and/or theory. Combustion provides an estimated 85% of the world's energy consumption. Advances in combustion research can benefit society in three main ways. Improving energy efficiency can reduce fuel consumption. Improving emissions can reduce climate change and adverse health effects. Improving fire and explosion safety can protect people, property, and the environment. The topical areas covered by this Special Issue are broad. It is hoped that this breadth will lead to a better understanding of combustion and improved diagnostic and numerical tools. This, in turn, may result in improved combustors, a cleaner environment, novel fuels, and improved safety and energy security.

Guest Editor

Dr. Peter B. Sunderland

Department of Fire Protection Engineering, University of Maryland, College Park, MD, USA

Deadline for manuscript submissions

closed (30 September 2019)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



mdpi.com/si/20997

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



[mdpi.com/journal/
energies](https://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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)