



energies



an Open Access Journal by MDPI

Energy Production Systems

Guest Editor:

Prof. Dr. Ali Elkamel

Department of Chemical
Engineering, University of
Waterloo, 200 University Avenue
West, Waterloo, ON N2L 3G1,
Canada

Deadline for manuscript
submissions:

closed (15 December 2017)

Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to present solutions that effectively account for sustainability and lower greenhouse gas emissions, while meeting growing energy demands. Topics of interest include, but are not limited to:

- Decision frameworks that are based upon bottom-up views of industrial activities and top-down views of energy and other product demands
- Energy storage systems, energy management, and energy harvesting
- Long-term planning problems for the development of integrated system and which implicitly incorporate economic and sustainability considerations
- Interactions of energy supply networks at various scales
- Energy supply networks and electrified transportation networks
- Energy systems environmental impacts
- Renewable energy integration
- Modeling tools for energy systems
- Solution methodologies that integrate logic-based methods, decomposition techniques, robust optimization, and reformulation strategies



mdpi.com/si/7202

Prof. Dr. Ali Elkamel

Guest Editor

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

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 (*Engineering (miscellaneous)*)

Contact Us

Energies Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://x.com/energies_mdpi)