



*energies*



an Open Access Journal by MDPI

## Recent Advances in Stochastic Methods for Energy Analysis

Guest Editor:

**Prof. Dr. Marcin Kamiński**

Department of Structural  
Mechanics, Lodz University of  
Technology, 6 Politechniki Street,  
90-924 Lodz, Poland

Deadline for manuscript  
submissions:

**closed (30 November 2019)**

### Message from the Guest Editor

The main aim of this issue would be to collect various works concerning energy analysis methods in mechanical systems with given boundary values and/or initial problems including some uncertainties. Computational and theoretical case studies starting from civil through mechanical up to aeronautical as well as electric or chemical engineering are invited. Specific applications towards homogenization methods, multi-field and/or multi-scale analyses as well as coupled magneto-electro-thermo-elastic problems are also welcome. A very attractive aspect would be reliability assessments for both time-independent (quality control or experimental statistics) and time-dependent uncertainty problems (like corrosion, fatigue and ageing) in all the above cases, where the energy estimate can be the basis of the limit state function. Probabilistic entropy computations in various engineering systems would be also interesting.



[mdpi.com/si/25793](https://mdpi.com/si/25793)

**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 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)