

## Special Issue

# Safety and Sustainability of Nuclear Energy

### Message from the Guest Editor

This Special Issue aims to present and disseminate the most recent advances related to the theory, method, simulation and analysis of nuclear power plant safety and non-reactor nuclear installations. Topics of interest for publication include, but are not limited to:

- Advanced method in PSA for nuclear power plant;
- Nuclear power plant accident simulation;
- Experiments for phenomena research in accidents of nuclear power plants;
- Passive safety system reliability analysis methods;
- Risk-inform methods for nuclear power plants;
- Uncertainty analysis in nuclear energy;
- Safety evaluation methods for non-reactor nuclear installations.

---

### Guest Editor

Prof. Dr. Yu Yu

School of Nuclear Science and Engineering, North China Electric Power University, Beijing, China

---

### Deadline for manuscript submissions

closed (30 March 2023)



## Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



[mdpi.com/si/121022](https://mdpi.com/si/121022)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

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





# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 8.3



[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 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)