

Special Issue

Repurposing Coal Power Plants with Nuclear Power Plants

Message from the Guest Editors

This Special Issue dedicated to *Repurposing Coal Power Plants with Nuclear Power Plants* focuses on the technical, political, economic, and environmental benefits of C2N transitions. It will cover C2N design and operation, safety assessment, economic analysis, as well as policy issues. It will provide a forum to discuss and present recent and innovative research methodologies, results, technologies, experiments, and best practices on C2N transitions. Papers that review and implement robust methodologies for assessing C2N fitness-for-service will also be welcome. This Special Issue aims to present the latest developments and applications on C2N transitions. Topics of interest include, but are not limited to:

- Design and operation;
- Safety assessment;
- Techno-economic analysis;
- Energy policy;
- Feasibility study.

Guest Editors

Dr. Yaoli Zhang

Prof. Dr. Jeong Ik Lee

Dr. Łukasz Bartela

Deadline for manuscript submissions

closed (30 April 2025)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/192355

Energies
Editorial Office
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 3.2
CiteScore 7.3



[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)