New Challenges in Safety Analysis of Nuclear Reactors

Message from the Guest Editors

The topics of this Special Issue on "New challenges in Safety Analysis of Nuclear Reactors" include, but are not limited to, the following:

- Accident analysis,
- Probability safety analysis (PSA),
- Nuclear security,
- Digital protection system and safety-level instrumentation,
- Nuclear power plant control method for enhancing operational stability and reliability,
- Application of artificial intelligence in nuclear safety analysis, control, and monitoring,
- Modeling and simulation for safety analysis.

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Deadline for manuscript submissions

closed (20 July 2025)

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.

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