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Economic Analysis of Nuclear Energy

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Deadline for manuscript submissions:
closed (15 May 2025)

Message from the Guest Editors

Dear Colleagues,

The articles included in this Special Issue will provide in-depth examinations of the economic implications of nuclear energy technology, drawing on empirical data and advanced economic methodologies. It will also feature research articles, case studies, and reviews discussing cost theory models applicable to nuclear energy, along with the economic advantages and challenges associated with integrating nuclear energy into multi-energy systems. The topics of the Special Issue include but are not limited to:

- Nuclear plant cost-effectiveness assessments;
- Economic modeling and theory of nuclear plant;
- Economic benefits from modular technology;
- Economic and cost analysis of nuclear fuel cycle and waste management;
- Economic analysis of next-generation nuclear energy technologies;
- Balance of economic benefits and small reactor safety criterion;
- Economic comparison with other energy sources;
- Economic review of nuclear plant;
- Investment strategies;
- Policy implications.

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Dr. Guobin Jia
Guest Editors

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Message from the Editor-in-Chief

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