

Special Issue

Security Analysis of Nuclear Energy and Nuclear Reactor Thermal Hydraulics

Message from the Guest Editors

As , I invite you to submit a paper to this Special Issue of *Applied Science* entitled “Security Analysis of Nuclear Energy and Nuclear Reactor Thermal Hydraulics”. Although nuclear energy faced setbacks after the Fukushima accidents, it has become increasingly important due to the increased demand for clean and sustainable energies. Future nuclear reactors will have strict requirements regarding safety, sustainability, and the economy. Much research has been conducted globally in pursuit of meeting these requirements. In launching this Special Issue, we hope to present the latest cutting-edge research on nuclear security and thermal hydraulics. Topics of interest include, but are not limited to:

- Thermal hydraulics fundamentals;
- Two-phase flow experiments and analysis;
- CHF and Post-CHF heat transfer;
- Instrumentation and measurement techniques;
- Fluid–structure interactions;
- Computational fluid dynamics and heat transfer, etc.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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