

## Special Issue

# New Trends and Challenges for Nuclear Fuels

### Message from the Guest Editor

You are invited to submit papers for publication in a Special Issue of *Energies* entitled “New Trends and Challenges for Nuclear Fuels”. The scope of submitted papers might include the following:

- Applications, current qualification, and regulatory approval status of TRISO particle-type fuel designs;
- Objectives for specific accident-tolerant fuel designs or other new LWR fuel designs, their current development status, and issues remaining to be addressed;
- Applications of prior fast reactor fuel designs to new fast-spectrum reactor concepts that are currently being developed;
- Proposed molten salt fuel applications and their current development status;
- Objectives for new research reactor fuel designs being brought to market, and their current deployment challenges;
- Safety analyses of new advanced reactor designs and their implications for fuel designs and behaviour.

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### Guest Editor

Dr. Douglas Crawford

Materials and Fuels Complex, Idaho National Laboratory, Idaho Falls, ID 83415, USA

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### Deadline for manuscript submissions

closed (30 November 2024)



## Energies

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## 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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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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