



Materials and Energy in Negative and Neutral Carbon Society

Guest Editors:

Prof. Dr. Hideaki Ohgaki

Advanced Energy Generation
Research Division, Kyoto
University, Kyoto 606-8501,
Japan

Dr. Boonyang Plangklang

Faculty of Electrical Engineering,
Rajamangala University of
Technology Thanyaburi (RMUTT),
Pathumthani 12110, Thailand

Deadline for manuscript
submissions:

closed (24 July 2024)

Message from the Guest Editors

Dear Colleagues,

Developments in energy science and technology, and related material science, are indispensable to enable this transition. Much collaborative research has been promoted, with plenty of fruitful outcomes thus far. A good example of such collaborative research is the EMSES conference, which originated from collaborative work between Japan and Thailand in the field of “ecologically friendly energy science and technology”, beginning in 2001. This Special Issue aims to present and disseminate the most recent research related to energy science and technology, and related material science, to accelerate the transition to a carbon-neutral and negative-carbon society. Papers through international collaborations are welcomed, but are not limited. The topics include the following:

- Material Science and Nano Technology;
- Energy Technology;
- Environmental Science;
- Energy Society and Sustainability;
- Electric Vehicle Technologies;
- Carbon Capture and Utilization (CCU);
- Nuclear Technology;
- Related Topics in Material and Energy.

Dr. Hideaki Ohgaki

Dr. Boonyang Plangklang

Guest Editors





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

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.

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)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)