



*energies*



an Open Access Journal by MDPI

## Application and Development of Pyrolysis Technology

Guest Editors:

**Prof. Dr. Marek Sciazko**

Centre of Energy, AGH University  
of Science and Technology,  
Czarnowiejska 36, 30-054  
Krakow, Poland

**Prof. Dr. Wojciech Nowak**

Faculty of Energy and Fuels, AGH  
University of Science and  
Technology, Mickiewicza 30, 30-  
059 Krakow, Poland

Deadline for manuscript  
submissions:

**closed (25 March 2022)**

### Message from the Guest Editors

Dear Colleagues,

Pyrolysis is commonly used to convert organic materials into a solid residue, liquid products, and a gas containing a number of volatile species. By definition it is a thermal process conducted in an inert atmosphere. It can be used for a degradation of coal, biomass, plastics, oils, and waste materials. It can be also applied for methane thermal decomposition into hydrogen and carbon nanostructures.

Taking this into consideration, it is expected that the submissions will focus on the following subjects:

- Pyrolysis chemistry and kinetics
- Pyrolysis processes and products
- Large scale applications
- Economy and environmental issues

We invite all of you interested in pyrolysis research and application to deliver up-to-date knowledge for a better understanding of organic matter thermal decomposition, including renewable and fossil origin.



[mdpi.com/si/80705](https://mdpi.com/si/80705)

# Special Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Enrico Sciubba**

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 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](http://www.mdpi.com)

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