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Application and Development of Pyrolysis Technology

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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.

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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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