

## Special Issue

# Alternative Fuels, Energy and Environment

### Message from the Guest Editor

Climate change and the generation of solid wastes are among the most pressing challenges of the 21st century. Concerns about the environmental impact of greenhouse gas emissions from fossil-based fuels have promoted the use of alternative sources of energy.

These include renewable biomass and organic wastes (both agricultural and post-consumer) which are readily available. The development of the utilization of alternative resources has raised a number of other tasks and constraints linked to the nature of renewable resources, including treatment, processing, conversion, and applied technologies, and, thus, a large number of critical views on this issue. This Special Issue mainly covers original research and studies related to the abovementioned topics, including but not limited to:

- Thermochemical conversion (combustion, pyrolysis, gasification);
- Physical conversion (pelletizing, densification, extraction);
- Solid biofuels like biochar;
- Liquid biofuels like biodiesel, bioethanol, and bio-oils;
- Gas biofuels like syngas, biogas, biomethane, and biohydrogen;
- Life-cycle analysis of the conversion process;
- Policies on biofuel utilization.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 March 2022)



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## About the Journal

### Message from the Editor-in-Chief

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