

## Special Issue

# Advances in Biomass Conversion and Biofuel Production

### Message from the Guest Editors

World development reinforces the fact that sustainability or sustainable development is a global issue. According to the WCED (World Commission on Environment and Development, 1987), sustainability or sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs. Biomass energy/resources are abundantly available, CO<sub>2</sub>/GHG (greenhouse gas) neutral, environmentally friendly, renewable, and sustainable. They are therefore very important among renewable resources, i.e., geothermal energy, solar energy, etc. This Special Issue is focused on advances in biomass conversion and biofuel production. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Properties of biomass;
- Properties of biofuel;
- Treatment of biomass;
- Conversion of biomass;
- Upgrading of biofuel;
- Utilization of biofuel;
- Energy systems;
- Other related topics.

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### Guest Editors

Prof. Dr. Yaning Zhang

Prof. Dr. Ehab Mostafa

Dr. Xiaoyan Gao

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### Deadline for manuscript submissions

closed (11 May 2024)



## Sustainability

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## About the Journal

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon

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