

Special Issue

The Development and Usage of Renewable Fuels

Message from the Guest Editors

The topics in this section are focused on the recent theoretical and applied researches in the area of renewable fuel covering the fuel production, including renewable diesel, jet, gasoline, and oxygenated fuels used in mobile and stationary combustors; fuel property analysis, including physical and chemical properties; fuel combustion behaviors, including spray atomization, ignition, soot formation, flame propagation, flame structure, flame stability, combustion emissions, and chemical mechanism; engine operation with feeding renewable fuels; decarbonized fuels; process simulation and evaluation for producing renewable fuels; energy/exergy analysis, techno-economic analysis, and environmental assessment (life-cycle assessment); waste-to-energy concept; circular economic concept; fuel safety, storage, and distribution; feedstock survey and analysis.

Guest Editors

Prof. Dr. Wei-Cheng Wang

Department of Aeronautics and Astronautics, National Cheng Kung University, Tainan 70101, Taiwan

Prof. Dr. Cho-Yu Lee

Department of Mechanical and Electro-Mechanical Engineering, National Sun Yat-sen University, Kaohsiung 80424, Taiwan

Deadline for manuscript submissions

closed (31 July 2022)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/108740

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



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. *Sustainability* publishes original research articles, review 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.

Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario
Institute of Technology, Oshawa, ON L1G 0C5, Canada

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)