

Editorial

Editorial for First Issue of Green Energy and Fuel Research

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On behalf of the editors, I am thrilled to introduce the journal *Green Energy and Fuel Research* (GEFR), addressing the state-of-the-art development and application of green energy and fuel research. Our enthusiasm for this inaugural issue stemmed from today's unprecedented opportunity to develop novel and cutting-edge technology for green energy and fuel due to the remarkable concern and urgent problem for resource and environmental sustainability [1]. This publication marks the commencement of a series of direct submissions, establishing GEFR as an exceptional platform for disseminating high-quality research contributions from scientists worldwide. GEFR, as a gold open-access journal, is dedicated to advancing knowledge in the domains of green energy and fuel research, with a shared emphasis on green energy systems, green energy materials, green fuel production, catalyst preparation, system process optimization, etc., which underpin the fundamental understanding and sustainable development in the fields of green energy and fuel science, technology, and engineering [2–5].

The *Global Energy and Fuel Reports* (GEFR) has an intentionally broad scope, aiming to embrace original and pioneering fundamental research. We acknowledge the complex challenges of green energy and fuel production, conversion, storage, life cycle assessment, and environmental impact. Therefore, any submitted work should directly relate to the dynamic interplay between green energy and fuel and be of significant interest to our diverse readership. Our scope encompasses a wide range of research, from groundbreaking discoveries to interdisciplinary studies, spanning mechanical, chemical, physical, and environmental science and engineering disciplines.

GEFR publishes articles that focus on, but are not limited to, the following areas:

Renewable energy (bioenergy, solar energy, wind energy, marine energy, hydropower, geothermal energy, etc.

- Hydrogen energy
- Biofuel
- Carbon capture and utilization
- Circular economy of green energy and fuel
- Materials for energy and fuel
- Catalysis for energy and fuel
- Energy saving
- Energy storage
- Energy and fuel for sustainability

In March 2024, I extended invitations to outstanding scientists to join our editorial board, and I am profoundly grateful for their enthusiastic support in embarking on this meaningful and demanding endeavor. While we anticipate the growth of our editorial board to meet emerging challenges, it is my privilege to introduce our current partners: JS Chang, Tunghai University, Taiwan; LW Jin, Xi'an Jiaotong University, China; YK Park, University of Seoul, Republic of Korea; YS Shen, University of New South Wales, Australia; KS Khoo, Yuan Ze University, Taiwan; KT Lee, Tunghai University, Taiwan; SL Lin, National Cheng Kung University, Taiwan; TB Nguyen, National Kaohsiung University of Science and Technology, Taiwan; AK Sharma, University of Petroleum & Energy Studies, India; HC Ong, Sunway University, Malaysia; A Pétrissans, Université de Lorraine, France; A Saravanakumar, SRM Institute of Science and Technology, India; KQ Tran, Norwegian University of Science and Technology, Norway; CY Zhang, Northeast Agricultural University,



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China; RL Quirino, Georgia Southern University, USA; YK Chih, National University of Tainan, Taiwan; YP Wang, Xi'an Jiaotong University, Xi'an, China.

In conclusion, I am confident that our authors, editorial board members, reviewers, the Scilight Press team, and our young editorial board members worldwide will position *Green Energy and Fuel Research* (GEFR) at the forefront of scientific research.

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