

## Special Issue

# Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future

### Message from the Guest Editors

The ever-increasing energy demand and reliance on fossil fuels have led to global climate change and energy insecurity, which cause widespread concern. Therefore, developing sustainably energy from abundant waste for a future of net-zero carbon emissions is timely and appropriate, and is considered a vital solution for environmentally sustainable, economically viable, and non-fossil energy resources. We are pleased to announce a Special Issue on “Waste-to-Energy Technologies for a Sustainable and Net-Zero Emission Future”. In this specific research context, we aim to gather original research papers, reviews, case studies, and technical notes highlighting the up-to-date and state-of-the-art breakthroughs and innovations in the field of waste-to-energy technologies (e.g., hydrothermal liquefaction, electrochemistry, etc.) and green chemistry (e.g., ionic liquid, deep eutectic solvents, etc.). This Special Issue will also include contributions on topics such as energy storage devices and materials, electric vehicles, renewable energy systems, techno-economical assessments, circular economy, and life cycle assessment.

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### Guest Editors

Dr. Hong Duc Pham

Dr. G Krishnan Syam

Dr. Ashok Kumar Nanjundan

Dr. Pratheep Kumar Annamalai

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### Deadline for manuscript submissions

closed (24 December 2024)



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## Editor-in-Chief

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