

Special Issue

Cutting-Edge Catalytic Biomass Conversion in Europe

Message from the Guest Editors

In recent years, there has been a growing emphasis on utilizing biomass as a renewable and sustainable resource for energy and chemical production. Within this context, catalytic processes play a pivotal role in enabling efficient biomass conversion. This special issue aims to offer an insightful exploration into the forefront of biomass conversion technologies within the European context. We invite original research papers and short reviews that explore various aspects of catalytic biomass conversion, including novel catalyst design, reaction mechanisms, process optimization, and applications in biofuel and biochemical production. This special issue aims to serve as a valuable resource for researchers, engineers, and policymakers seeking to harness the potential of biomass as a renewable and environmentally friendly alternative to fossil fuels. Contributions from researchers and experts in the field will provide valuable insights into the cutting-edge techniques and technologies driving the transition towards a more sustainable bioeconomy in Europe.

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