

Special Issue

State-of-the-Art Catalytic Conversion of Biomass and Their Derivatives in Asia

Message from the Guest Editors

In response to the pressing global challenges posed by the rapid depletion of fossil fuels, the escalating demand for alternative energy resources, and the imperative requirement for sustainable processes, there has been a significant focus on biomass conversion to value-added chemicals. These resources can be categorized based on their original composition, source, and potential conversion technologies. Over the past decade, biomass conversion has been the subject of extensive research, encompassing catalyst innovation, establishment of reaction mechanisms, process optimization, and more.

In recent years, the focus on biomass conversion has been particularly pronounced in Asia, reflecting a growing recognition of its potential as a sustainable energy source. This Special Issue, entitled “State-of-the-Art Catalytic Conversion of Biomass and Their Derivatives in Asia”, will collect and showcase impactful manuscripts that explore the catalytic conversion of biomass and its derivatives into valuable chemicals and biofuels. Contributions from dedicated researchers at the forefront of advancing biomass catalysis are warmly welcomed.

Guest Editors

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Deadline for manuscript submissions

closed (31 May 2025)



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