

Special Issue

Conversion of Biomass and Biomass Derivatives with Zeolite-Based Catalysts

Message from the Guest Editors

This Special Issue shares the most recent developments on sustainable chemistry, biomass valorization, biofuels, biodiesel production, raw materials, and glycerol; essentially all kind of studies related to the application of zeolites and zeolite-type catalysts. Topics of interest include the following: novel synthesis and characterization methods for developing zeolitic materials, composites, nanosized zeolites, functionalization/modification of zeolites, composites comprising natural and synthetic zeolites and porous matrices, conventional and emerging applications on different catalytic routes (homogeneous and heterogeneous catalysis), strategies to improve their catalytic properties and enhance catalytic performance, catalyst deactivation, catalysis by zeolite-based materials and host/guest interactions, and theoretical modeling of catalysis/adsorption by porous materials. Both experimental and theoretical contributions are of interest. Original research papers, communications, and review articles will be considered for publication. Scan the **QR code** to view the webpage. We encourage authors to send an abstract or a title to the Editorial Office first (cathy.yang@mdpi.com).

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