

Special Issue

Advances in Zeolite Catalytic Processes: Current Trends and Challenges in Processing Nonconventional Feedstocks

Message from the Guest Editors

This Special Issue aims to address the current trends and challenges in the use of zeolites as catalysts in novel processes involving non-conventional feedstocks. Topics of interest may include (but are not restricted to) the application of zeolite catalysts to intensify the processing of non-conventional feedstocks (both fossil cuts and streams coming from biomass conversion or from the thermal pyrolysis of different wastes, among others). Strategies that enhance the catalytic properties, improve the catalytic performance (activity and selectivity), and the thermal stability and regenerability of catalysts, as well as increase their lifetimes, are welcome. Keywords:

- Hierarchical zeolites;
- Zeolites in compound catalysts;
- Structured zeolitic catalysts;
- Novel zeotype materials;
- Stability, deactivation, and regeneration;
- Activity and selectivity improvement.

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Deadline for manuscript submissions

closed (15 July 2025)



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