Special Issue

Development of Catalysts for Green Processes and Clean Technologies

Message from the Guest Editors

The rising attention devoted to the mitigation of environmental issues caused by human activities highlights how crucial it is to develop catalytic materials that are useful in sustainable industrial processes and contribute to reductions in resource consumption and pollutant emissions as well as promoting environmentally friendly technologies. This Special Issue is focused on recent advances of the state-of-the-art and innovative catalytic applications with particular attention paid to the utilization of wastes as raw materials that can be used to produce added-value chemicals and biofuels. It will also address new trends in the design and development of novel heterogeneous catalysts and alternative routes to producing clean energy, CO2 conversion, pollution mitigation, and biomass valorization. Studies based on theoretical and economic analysis of green process are also welcome.

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Deadline for manuscript submissions

28 February 2026



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/204767

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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