# **Special Issue**

# Trends and Advances in the Development of Waste-based Catalysts and Processes: Applications in Conventional & Intensified Processes

## Message from the Guest Editor

Considerable amounts of biomass and industrial waste are continuously generated every year worldwide. However, most of these materials are suitable for different applications. In the context of environmental protection, sustainable development, and energy crisis management, their valorization in different applications and in a wide range of processes has been attracting special attention over the last years. This Special Issue"Trends and Advances in the Development of Waste-based Catalysts and Processes: Applications in Conventional & Intensified Processes"aims to cover recent trends and advances in the emerging field of sustainable valorization of different kinds of waste materials for applications in conventional and intensified technologies.

#### **Guest Editor**

Prof. Dr. Maria Cornelia Iliuta

Chemical Engineering Department, Université Laval, Québec, QC G1V 0A6, Canada

## Deadline for manuscript submissions

closed (31 January 2023)



# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



mdpi.com/si/58693

Catalysts
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

mdpi.com/journal/catalysts





# **Catalysts**

an Open Access Journal by MDPI

Impact Factor 4.0 CiteScore 7.6



## **About the Journal**

## Message from the Editor-in-Chief

## **Editor-in-Chief**

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan, KS, USA

## **Author Benefits**

## **High Visibility:**

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, CAB Abstracts, and other databases.

#### Journal Rank:

JCR - Q2 (Chemistry, Physical) / CiteScore - Q1 (General Environmental Science)

## **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.6 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).

