

## Special Issue

# Applications of Nanocatalytic Processes: Water, Wastewater and Air Treatment

### Message from the Guest Editors

This Special Issue aims to cover the most recent progress and advances in the application of nanomaterials in the treatment of water, wastewater, and air. This Special Issue invites researchers to contribute original research articles and reviews focusing on the application of nanoparticles in water, wastewater, and air treatment processes. The scope of this special issue covers but is not limited to the following aspects:

- Synthesis of nanomaterials for environmental application
- Application of nanomaterials in the degradation of pollutants from water
- Nanomaterials in wastewater treatment and resource recovery
- Nanomembranes for wastewater and air treatment
- Nanoadsorbent
- Nanocatalysts for VOCs removal
- Nanosensors for the detection of pollutants

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### Guest Editors

Dr. Jagpreet Singh

Dr. Pritam Kumar Dikshit

Dr. Susant Kumar Padhi

Dr. Lopa Pattanaik

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### Deadline for manuscript submissions

closed (30 November 2023)



## Catalysts

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*Catalysts*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[catalysts@mdpi.com](mailto:catalysts@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Keith Hohn

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

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##### 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).