

## 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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## 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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