

## Special Issue

# Advances in Synthesis and Applications of Supported Nanocatalysts

### Message from the Guest Editors

This Research Topic focuses on exciting reports of new investigations and reviews that could shed light on the physicochemical properties of nanomaterials and how they could positively contribute to improving solutions to societal demands and diminishing the environmental footprint of human development. We especially welcome high-quality papers aimed at contributing to the aforementioned goals alongside the submission of original research, review, and perspective articles on themes including, but not limited to, the following:

- Novel methods for nanocatalysts synthesis;
- New approaches (such as novel environmentally friendly reagents and more sustainable preparations methodologies) to traditional nanocatalysts synthesis;
- Improved textural, structural, and surface physicochemical characterization of nanocatalysts;
- Testing (adsorption measurements and kinetics, catalytic activity, selectivity, and stability) of novel nanocatalysts.

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### Guest Editors

Prof. Dr. Rafael Huirache-Acuña

Dr. José Escobar Aguilar

Prof. Dr. Antonia Infantes-Molina

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### Deadline for manuscript submissions

30 December 2025



## Processes

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### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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