

Special Issue

Heterogeneous Catalysts in Environmental Applications and in Energy Generation

Message from the Guest Editors

The world energy consumption is expected to continue to increase dramatically in the coming years along with associated environmental issues. Although there is no universal solution to solve all energy- and environment-related problems, heterogeneous catalysis offers multiple ways to approach sustainable development and environmental safety.

This Special Issue of *Catalysts* aims to cover the recent progress and novel trends in the field of Heterogeneous Catalysts in Environmental Applications and in Energy Generation. Potential topics include, but are not limited to, the following:

- Catalytic removal of air and water pollutants
- Catalytic abatement of model pollutants and real mixtures of pollutants
- CO₂ conversion and utilization
- Biomass valorization
- Biofuel production
- Design of innovative catalytic materials for environmental applications or energy generation
- ...

Authors with expertise in these topics are cordially invited to submit their manuscripts to *Catalysts*. Significant full original papers and review articles are welcome.

Guest Editors

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Deadline for manuscript submissions

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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).