# Special Issue

# Greener Catalysis for Environmental Applications

### Message from the Guest Editor

This Special Issue is devoted to ''Greener Catalysis for Environmental Applications'', and primarily covers the catalytic removal of pollutants (from water, wastewater, soil, and air) as well as the catalytic synthesis of value-added chemicals (for example, in nonthermal plasma catalytic systems). Articles focusing on the catalytic activation of oxidants and green syntheses of sophisticated catalysts for various environmental applications are particularly welcomed. Primarily, the following topics are planned to be covered in this Special Issue:

- Green synthesis of heterogeneous catalysts;
- Catalytic activation of oxidants (advanced oxidation processes; sulfate radical-based processes);
- Photocatalysis for the removal of, e.g., micropollutants;
- Catalytic hydrogenation of carbon dioxide into value-added chemicals and fuels;
- Catalytic hydrogenation of contaminants in water;
- Nanozymes for environmental applications.

All studies (experimental and theoretical) in the scope of this Special Issue, including original research and review articles, short communications, and perspective articles, are invited for submission.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2020)

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# About the Journal

## Message from the Editor-in-Chief

## Editor-in-Chief

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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).