



## Advanced Functional Materials toward Sustainable Development Technologies: Prospect and Challenges

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submissions:  
**closed (10 April 2024)**

### Message from the Guest Editors

With the continuous development of nanoscience, the precise regulation and goal-oriented application of functional materials has played an increasingly important role in promoting sustainable development. Therefore, research into new functional materials and their applications is being accelerated in several domains to further enhance the greening of industrial processes. This Special Issue aims to provide a good platform for the exchange of advanced functional materials research for sustainable development technologies.

**Research papers and review papers are welcome. Possible research topics include, but are not limited to, the following:**

- Experimental and theoretical studies in the fields of green heterogeneous catalysis and molecular catalysis;
- Environmental chemical and process engineering, including pollution control and separation processes;
- Structure and performance relationships for advanced functional materials;
- Novel materials for energy storage and conversion and advanced applications;
- Other technologies related to advanced functional materials for sustainability.





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## Message from the Editor-in-Chief

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