

## Special Issue

# Novel Materials in Catalysis and Adsorption Processes

### Message from the Guest Editors

Modern societies rely heavily on various energy sources for daily life. Despite significant advances in scientific and technological research, more than 80% of industries are still dependent on traditional materials for their large-scale production. Therefore, the development of novel materials is essential for industrial and academic research, as these are rapidly emerging areas for energy and environmental applications. For this special issue of Applied Sciences, titled “Novel Materials in Catalysis and Adsorption Processes”, we invite novel and advanced functional materials for diverse catalytic, adsorption, energy, and environmental applications. These materials can range from nanomaterials, metal catalysts, organic–inorganic hybrid materials, metal-supported polymers, functionalized carbon materials, and porous materials. We also highly encourage submissions in other domains of research.

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### Guest Editors

Dr. Dinesh Mullangi

Dr. Venkata Surya Kumar Choutipalli

Dr. Roberta G. Toro

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### Deadline for manuscript submissions

closed (20 February 2024)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
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