

## Special Issue

# Advanced Polymer Composite: Preparation, Properties and Applications

### Message from the Guest Editors

Polymer composites typically consist of a continuous polymer matrix and one or more types of constituent component. Although polymer composites have been extensively studied, modern applications pose additional challenges. These include the need to develop easier preparation techniques to fulfill cost efficiency, greener process to promote sustainability, higher strength-to-weight ratio, customizable conductivity or dielectric properties, tunable environmental durability and degradability, novel functions in biomedicines, energy storage, optical polarization, photocatalysis, sensing, etc. Hence, progress in research is expected to contribute to the advancement of polymer composites. This Special Issue is dedicated to publishing original and high-quality research papers and reviews on advanced polymer composites. We welcome submissions from researchers working on any aspect of advanced polymer composites, and we hope that this Special Issue will provide a platform for sharing and disseminating the latest advances in this field.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 April 2025)



# Applied Sciences

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### 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

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