

## Special Issue

# Sustainable Development of Advanced Polymer Composites

### Message from the Guest Editor

To achieve a sustainable future and mitigate the effects of climate change, it is essential to reduce our environmental impact and strive for net-zero emissions. Advanced polymer composites have the potential to play a critical role in this journey by providing lightweight and durable materials that can be used in a wide range of sectors, including aerospace, automotive, construction, and renewable energy. However, as with any technological advancement, it is crucial to ensure that the development and use of these composites do not counteract sustainable development initiatives. To ensure the sustainable development of advanced polymer composites, it is necessary to adopt a holistic approach that covers all stages of the composite's life cycle. This Special Issue aims to address the challenges and opportunities related to the sustainable development of advanced polymer composites and takes a holistic approach to promote a circular economy for advanced polymer composites to ensure the sustainable development of the field.

### Guest Editor

Dr. Han Zhang

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### Deadline for manuscript submissions

closed (30 June 2025)



## Polymers

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Impact Factor 4.9  
CiteScore 9.7  
Indexed in PubMed



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### Message from the Editor-in-Chief

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I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Alexander Böker

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