

Special Issue

Innovative and Sustainable Advances in Polymer Composites for Additive Manufacturing: Processing, Microstructure, Machining, and Mechanical Properties

Message from the Guest Editor

This Special Issue aims to bring together the latest research and advancements in polymer composites tailored for additive manufacturing (AM). The focus will be on exploring novel methodologies in processing, microstructure–property relationships, simulation and modelling, machining behaviour, mechanical performance, and sustainability. Contributions addressing life cycle assessment (LCA), material formulations, and composite reinforcement innovations are particularly welcome. We invite original research articles, reviews, and case studies that advance the understanding of polymer composites in AM, including their machining characteristics and potential applications. This Special Issue offers an excellent opportunity to share insights and collaborate within the rapidly evolving field of additive manufacturing. We look forward to your valuable contributions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (JMMP) (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

Editor-in-Chief

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