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New Processes, Methods, and Challenges in Cork Composites Manufacturing

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Message from the Guest Editors

Cork finds its main application as a raw material in the manufacturing of cork stoppers. Nevertheless, cork's overall properties and sustainable characteristics have triggered its application and research in composite materials. Cork is being combined with several other materials, using different processes in order to achieve high performance, improve its recycling, improve the sustainability of the material or application, etc.

Therefore, several research groups and entities are searching for alternative materials, incorporating cork in their composition, optimizing its manufacturing processes and introducing new forms of processing this material to obtain desired functions of the composite or simply consume fewer resources or energy.

In recent years, the field of cork composites has been significantly advanced: new materials/structures, new processes to fabricate composites, and advanced functionalities have been achieved. This Special Issue aims to provide an up-to-date picture of recent advances in cork composites, particularly current challenges.



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Special Issue



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Message from the Editor-in-Chief

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