



Polymer Composites and Sustainability

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Deadline for manuscript
submissions:

closed (20 December 2021)

Message from the Guest Editors

Sustainability requires a balance between environmental, societal, and economic profits. Composites can be found in a wide number of applications, with the market being expected to increase by over an 8% from 2020 to 2021, and from 74 billion dollars in 2020 to almost 113 billion dollars in 2025. The excellent properties of such materials explain this increase and their adoption in several sectors; their relatively low weight and good durability, among other properties, make them interesting from the point of view of sustainability, although some questions are still to be answered. Are they recyclable, and to what extent? Can composites be biodegradable? Does the use of biobased materials (both matrices and fillers/reinforcements) make the composite sustainable?

So, this Special Issue focuses on studies of the end-of-life of composites (recyclability, design for reuse/disassembly), the use of alternative feedstocks for their production, and biodegradability, etc.





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Message from the Editor-in-Chief

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