



Damping Mechanisms in Polymers and Polymer Composites

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Message from the Guest Editors

The use of polymers and polymer-based composites has constantly increased over the last several decades. Several examples show that composite materials have entered the industry as a viable alternative to traditional materials. They offer a high strength-to-weight ratio, high impact strength, corrosion resistance, and excellent durability. Polymers, as a class of materials, are also known for their unique damping properties and have been widely used to effectively reduce excessive vibrations in a variety of structural applications.

This Special Issue focuses on damping mechanisms present in polymers and polymer composite structures. Moreover, it aims to highlight the progress in the properties and application of these materials in dynamically loaded structures. We invite researchers to share their latest investigations in the form of research articles and reviews.





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