

## Special Issue

# Green Composite Materials: Design, Application, and Recycling

### Message from the Guest Editors

Eco-friendly composite materials are sustainable alternatives to traditional materials, designed to minimize negative environmental impacts throughout their entire life cycle. These composites are based on a matrix (often biodegradable or recycled polymers) and natural reinforcements (such as plant fibers, cellulose, shells, or agro-industrial waste). The design of these materials focuses on optimizing their mechanical, thermal, and biodegradable properties, maintaining a balance between technical performance and environmental sustainability. In terms of application, eco-friendly composites are used in sectors such as construction, automotive, packaging, agriculture, and biomedicine. Our objective is to bring together original research, critical reviews, and recent technological developments regarding the design, manufacturing, applications, and recycling of eco-friendly composite materials, with an emphasis on their contribution to sustainability, the circular economy, and reductions in environmental impact in key sectors such as construction, packaging, transportation, agriculture, and health.

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### Guest Editors

Prof. Dr. Salvador García-Enriquez  
Dr. José Guillermo Torres-Rendón  
Dr. Joamin Gonzalez-Gutierrez

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### Deadline for manuscript submissions

20 October 2026



## Applied Sciences

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

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