



Application of Polymeric Nanocomposites in Agriculture: Sustainable Solutions

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closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

The application of environmentally safe nanocomposite materials has increased massively in recent years. Thus, interest in the study of natural polymers applied to improve agriculture by reusing waste as a source of raw material has increased significantly as well. Applications can vary, such as materials for active food packaging, materials with a controlled release of pesticides or fertilizers, and nanostructures applied as reinforcement for more sustainable packaging, among others.

The scope of this Special Issue includes the synthesis, processing, and characterization of novel nanocomposites based on natural polymers with potential interest in agriculture. We encourage submissions where practical applications are presented, utilizing byproducts with sustainable preparation techniques.

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