

Special Issue

Green Synthesis Processes of Polymers & Composites

Message from the Guest Editors

In recent decades, as a result of chemophobia and rising prices in oil, there has been an increase in the application of naturally occurring materials from renewable instead of fossil resources. This trend has been even more significant in the field of synthetic macromolecular chemistry since polymers are large scale, widely used products, and even small changes in the synthesis procedures may have globally noticeable effects. This Special Issue will focus on the green synthesis possibilities in polymer chemistry, including environmentally favorable initiation/catalysis, the use of monomers/polymers from renewable resources, and low energy consumption reactions. These new conditions deliver more sustainable polymer chemistry, which is essential for future sustainability, but also increases the level of trust in this field. The issue will also compare green polymers with the known commercial ones and try to forecast some application possibilities for them.

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