



## Natural and Sustainable Polymers-Based Materials for High-Efficiency Applications

Guest Editor:

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### Message from the Guest Editor

Dear Colleagues,

In recent years, biomass polymers such as wood, bamboo, and seaweed have attracted people's attention due to their natural, sustainable, and degradable properties. The selective separation of component and preserved porous structures make biomass act as advanced supporting frameworks. The aforementioned polymers and their derived carbon materials are widely applied in fields of water treatment, smart sensors, energy storage and conversion, etc. As the strategic objective of "2030 emission peak and 2060 carbon neutrality" in China and "carbon reduction" in the whole world have been proposed, we believe that the research development for biomass materials shows promising prospects over the next decades.

The aim of this Special Issue is to highlight the progress on synthesis, characterization, properties, and applications of renewable polymers and derived carbon materials.

Dr. Bin Hui  
Guest Editor





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