



## Preparation, Characterization: The Prospect of Biobased and Biodegradable Polymers

Guest Editor:

**Prof. Dr. Xiaojian Zhou**

College of Materials and  
Chemical Engineering,  
Southwest Forestry University,  
Kunming 650224, China

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### Message from the Guest Editor

The use of polymer materials has expanded to almost all human activities, helping to provide convenient conditions for human life. This is due to their varied advantages, such as light weight, excellent mechanical properties, ease of formation, good thermal properties and water resistance. However, at present, most polymer materials produced by the petrochemical industry have difficulty degrading after use. It is estimated that most synthetic plastics need 400–500 years to completely decompose. Due to concerns about environmental pollution and the depletion of chemical oil, the development of renewable and biodegradable polymers from renewable natural resources has become the direction for the polymer materials industry going forward. The purpose of this Special Issue is to present and collate research on the synthesis, performance and application of bio-based and biodegradable polymers, copolymers, blends, composites and nanocomposites.





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### **Prof. Dr. Alexander Böker**

Lehrstuhl für Polymermaterialien  
und Polymertechnologie,  
University of Potsdam, 14476  
Potsdam-Golm, Germany

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*Polymers* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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