



## Functional Polymer Composites for Environmental Protection

Guest Editor:

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### Message from the Guest Editor

The rapid global economic growth has created a series of technological challenges that are related to the natural resources. In the face of climate change and the forced development of modern technologies that facilitate environmental protection, these challenges will become more and more important.

These issues can be addressed by considering the potential of functional polymeric and composite materials. In particular, different functional groups can provide ion exchange, chelating, catalytic, sensing, as well as reducing and stabilizing features, also enabling the fabrication of nanocomposite materials. These properties, useful in separation science and catalysis, include recovering transition group metals, removing water contaminants, and facilitating the separation or decomposition of toxic pollutants.

Research topics of interest include, but are not limited to, recent advances in the synthesis and application of polymers and (nano)composites designed for separation and catalysis, with emphasis on issues related to environmental protection and sustainable development. Both original articles and reviews are very welcome.





## Editor-in-Chief

### Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien  
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## Message from the Editor-in-Chief

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