



## Advanced Polymer Composites in Oil Industry

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Deadline for manuscript submissions:

**closed (10 March 2024)**

### Message from the Guest Editors

Synthetic polymers commonly derived from the oil industry include polyethylene, polypropylene, polystyrene, poly(conjugated diene), etc. With the increasing demand in social life and industrial activities, some special polymers, and those with excellent properties, are required. This has brought new challenges to the synthesis, characterization, modification, and application of polymer composites. As a filler to petroleum, coal-based polymers and composites have also received wide attention in academic and industrial circles. In addition, the extensive use of polymer materials has attracted attention in terms of their recycling and utilization.

This Special Issue provides a platform to share the latest achievements for polymer composites in the oil industry.

Potential topics include but are not limited to:

- Copolymerization of olefins and O- and S-containing polar monomers;
- Synthesis and application of biodegradable polymers;
- Coal-based polymers and composites;
- Design and preparation of organic and organometallic catalysts;

New techniques for polymer recovery and utilization.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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