

Special Issue

Preparation and Applications of Bio-Based Polymer Coatings

Message from the Guest Editor

The Special Issue “Preparation and Applications of Bio-Based Polymer Coatings” aims to publish original research articles or comprehensive reviews on novel developments in the field of bio-polymeric coatings for different applications.

This Special Issue aims to showcase the latest advancements in the development of bio-based polymer materials and coatings and their applications. In particular, the topics of interest for this Special Issue include, but are not limited to:

- Bio-based polymer materials and coatings;
- Biodegradable materials and coatings;
- Non-toxic photopolymer materials and coatings;
- Biomedical applications of bio-based polymer materials and coatings;
- Bio-based food packaging coatings;
- Biodegradable coatings for food packaging;
- Biomedical coatings;
- Bio-based adhesives.

We look forward to receiving your contributions.

Guest Editor

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Deadline for manuscript submissions

closed (27 March 2026)



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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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