

Special Issue

Polymer-Based Coatings for Corrosion Protection

Message from the Guest Editor

Corrosion remains a significant challenge across various industries, leading to substantial economic losses and safety hazards. Polymer-based coatings have emerged as a promising solution for corrosion protection due to their versatility, durability, and ability to form strong barriers against corrosive environments. This Special Issue aims to explore the latest advancements in polymer-based coatings, focusing on innovative formulations, application techniques, and performance evaluations. Contributions will highlight the effectiveness of different polymer matrices, including epoxy, polyurethane, and acrylic systems, as well as the incorporation of nanomaterials and corrosion inhibitors to enhance protective properties. Furthermore, this issue will examine the environmental impact and sustainability of polymer-based coatings, emphasizing eco-friendly alternatives. By bringing together cutting-edge research and practical applications, this collection aims to provide insights that will drive future developments in corrosion protection strategies.

Guest Editor

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.9.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker

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