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Organic Coatings for Improved Corrosion Resistance

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Deadline for manuscript submissions:

10 January 2025

Message from the Guest Editors

Dear Colleagues,

The field of coatings has witnessed tremendous progress in the synthesis, application, and characterization of organic coatings. The combination of novel spectroscopic, microscopic, and electrochemical characterization methods, with enhanced sensitivity and improved lateral and temporal resolution, with computational simulation and modeling, has deepened our understanding of the formation, corrosion protection, and degradation mechanisms of organic coatings. In parallel, various techniques have been developed to improve the application method and durability of the organic coating on complex industrial parts. Organic coatings with self-healing or pH-sensitive properties, as well as those with improved adhesion have been developed.

To cover the recent progress in the field, it is our pleasure to invite you to submit a manuscript on "Organic Coatings for Improved Corrosion Resistance" in this Special Issue of *Materials*. Both original scientific papers and reviews are welcome.













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Message from the Editor-in-Chief

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