

Special Issue

Electrochemistry Research for Materials' Corrosion, Mitigation and Protection in Industrial Applications and Energy Systems

Message from the Guest Editors

This Special Issue on electrochemistry research in materials' corrosion and protection collates novel and original research articles and review articles that contribute to developments in the deployment of electrochemistry techniques and methods in our understanding of materials' corrosion and degradation in a wide range of industrial applications and energy systems. This Special Issue also welcomes research and review articles focused on the innovative application of electrochemical methods and techniques in the development of translatable mitigation and protection strategies against materials' corrosion and degradation across all demanding industrial applications and energy systems. As such, this Special Issue covers the following research topics:

- Corrosion mechanisms and/or control in energy and electrochemically aggressive environments;
- The development of corrosion-resistant materials and methods;
- Testing and monitoring technology for materials' corrosion and overall degradation;
- Electrochemistry-inspired corrosion mitigation;
- Functional assessment of corrosion behaviour and resilience of material and coating interface.

Guest Editors

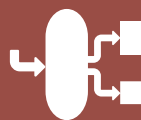
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Deadline for manuscript submissions

closed (15 June 2024)



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