

## Special Issue

# Electrochemical and Computational Methods for Corrosion Protection Processes

### Message from the Guest Editors

This Special Issue on “Electrochemical and Computational Methods for Corrosion Protection Processes” seeks high-quality works focusing on an overview of corrosion science and presents computational and experimental studies to mitigate damage from corrosion. Taking an interdisciplinary perspective, this volume is a rich resource of studies and experiments toward solutions that are cost-effective, environmentally friendly, and low in maintenance. This Special Issue offers important information on the mechanisms of corrosion science in theory and practice as well as a wealth of corrosion prevention and protection methods exploring different types of materials and various methods of corrosion inhibition. This Special Issue includes, but is not limited to, the following topics:

- corrosion science;
- corrosion engineering;
- corrosion protection;
- materials;
- smart coating;
- advanced coating;
- biomaterials;
- molecular dynamics simulation;
- molecular modeling;
- tribocorrosion.

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### Guest Editors

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### Deadline for manuscript submissions

closed (20 May 2025)



## Processes

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