



Corrosion and Protection of Metallic Materials

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Message from the Guest Editors

Addressing corrosion issues is of significance and has been a longstanding task for scientists and engineers. Although plenty of research has been devoted to corrosion issues in a great effort to minimize the corrosion cost and prevent corrosion disasters, it is still far from sufficient if we are to comprehensively understand the corrosion mechanisms and find proper solutions to prevent metallic materials from corrosion; therefore, the topic deserves more attention.

This Special Issue aims to publish original papers and critical reviews in the latest developments in the areas of corrosion and protection of metallic materials. It will provide a platform to exchange ideas for corrosion scientists and engineers and will be beneficial to solving the academic/industrial corrosion issues. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Electrochemical corrosion mechanisms;
- Localized corrosion;
- Tribocorrosion;
- Surface and coating technology for corrosion protection;
- Corrosion inhibitors;
- Corrosion-resistant alloys;
- Corrosion interface characterization.





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Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

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