

Special Issue

Corrosion and Protection of Metals and Alloys and Electrochemical Evaluation

Message from the Guest Editor

An enormous effort has been focused on the development of new technologies for corrosion protection of metal materials. New environmentally-friendly technologies and advanced materials will lead the way in the next century. State of the art technologies for metals corrosion protection for various applications such as energy, transport, and construction are currently of high interest. Corrosion protection and characterization for estimation of lifetime of metals is enormous priority for engineering. The investigation of corrosion mechanism, the corrosion protection mechanism of new technologies, environmentally-friendly corrosion inhibitors, coatings on metals, advanced materials are subjects highly related with this Special Issue on Corrosion and Protection of Metals. Articles related on all aspects of corrosion are invited to contribute to this Special Issue.

- Corrosion of alloys
- Corrosion inhibition
- Environmentally-friendly corrosion inhibitors
- Organic coatings on alloys
- Corrosion evaluation with electrochemical methods

Guest Editor

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About the Journal

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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