

Special Issue

Editorial Board Members' Collection Series: "Corrosion Protection and Prevention"

Message from the Guest Editors

Corrosion not only threatens the safety of engineering but also causes huge economic losses. It has been reported that corrosion cost occupies about 3% of GDP, which explains why corrosion protection is attracting much attention from industry. Using available corrosion control practices, it is estimated that savings of between 15% and 35% of the cost of corrosion could be realized. In addition to the economic cost, corrosion failure may result in leakage, fire, and explosion accidents. Presently, there is a strong emphasis on the development of an advanced strategy for corrosion protection in different technological applications. The aim of this Special Issue is to provide the readership of *Metals* with the most up-to-date research in the corrosion and protection of materials. The topics of interest are related to corrosion behaviors and mechanisms of novel materials and novel protective coatings and methods. We welcome reviews and research articles.

Guest Editors

Prof. Dr. Dake Xu
Prof. Dr. Juan Creus
Prof. Dr. Peng Wang

Deadline for manuscript submissions

closed (30 June 2024)



Metals

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CiteScore 5.3



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About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. Yong Zhang

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