



Corrosion Resistance of Alloy and Coating Materials

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Message from the Guest Editor

The material property of corrosion resistance is one of the most important in practical applications. The material degradation can be minimized by the use of suitable alloys and corrosion-resistant coatings.

Hence, the purpose of this Special Issue is to explore the current status of the development and performance of all aspects of alloys, coatings, and surface modification methods aimed at improving the corrosion resistance of the material.

The scope of this Issue is extensive, giving the possibility to present developments and research in all aspects of this field, and includes both metallic and non-metallic corrosion. Research topics include but are not limited to the following: cause and rate of corrosion of alloys and coating materials and methods of investigation, quality and mechanisms of deterioration, corrosion protection, and testing to assess corrosion resistance. Subjects of interest will also include the corrosion behavior of metals and their alloys (e.g., aluminum alloys, titanium alloys, and nickel alloys); PVD, CVD, and ALD coatings; and other materials, including nanomaterials.

I kindly invite you to submit your work to this Special Issue.





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Message from the Editor-in-Chief

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