



## Corrosion and Stress Corrosion Cracking of Metals and Steels

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Deadline for manuscript submissions:

**31 October 2024**

### Message from the Guest Editors

Dear Colleagues,

The purpose of this Special Issue is to provide a research forum to report corrosion and stress corrosion cracking of metals and steels, as well as the related microstructure and mechanical performance to address existing challenges in corrosion science.

For this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: corrosion behavior and mechanism; stress corrosion cracking behavior and mechanism; high-temperature oxidation; cathodic protection; hydrogen embrittlement; improving corrosion resistance methods; inhibitors for corrosion; efficient testing techniques for corrosion and stress corrosion cracking; influencing factors of corrosion; stress corrosion cracking resistance methods; characterization of the corroded microstructure; evolution mechanism of mechanical properties in corrosion environment; and the design and development of novel corrosion-resistant material.

I will look forward to receiving your contributions.

Dr. Xiaogang Li  
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*Guest Editors*





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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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