



Solutions for Metal Deterioration

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Message from the Guest Editor

In metal component of structure, various deterioration due to corrosion environment, high and low temperature and stress conditions generate.

Metal deterioration is engineering risk since facilities in industrial plants and a components of infrastructure have now aging issue. We have to properly manage metal deterioration to prevent accidents in metal structure.

To achieve that, we need the studies for innovative materials, mechanism of metal deterioration, such as corrosion, crack propagation analysis, advanced non destructive evaluation and maintenance technologies.

The aim of this special Issue is to share the solutions of metal deterioration, including through theoretical and experimental studies.

We expect contributions to the Special Issue from scholars and researchers all over the world both in the academic and industrial fields.





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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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