

Special Issue

Environmental Degradation of Structural Materials

Message from the Guest Editor

The long-term reliability of materials in usage environments is one of the most important properties for structural and functional materials. The purpose of this Special Issue on “Environmental Degradation of Materials” is to explore the complex relationship between performances, processing, microstructure, and environmental degradation in structural and functional materials and in various environments. The Special Issue will cover material problems in different environments as well as different industries (transportation, energy—oil and gas, nuclear, etc.) and process history (cast, wrought, and additive manufacturing). The Special Issue invites contributions from academia, researchers, industry professionals, and engineers.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



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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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