

Special Issue

Surface Engineering and Coating Tribology—2nd Edition

Message from the Guest Editor

The progressive wear of moving parts and components under operation conditions results in a decline in performance, efficiency, and functions. Damaged components need to be repaired or replaced with new ones, which requires temporarily shutting down the machine or the entire technological process.

Meanwhile, global industry is constantly seeking to improve the efficiency of technological processes and tools. The drive to increase efficiency across most industrial sectors contributes to ever more challenging material functionality. Therefore, there is a growing need to identify new and advanced structural and tool material options, as well as methods of their production and processing. In this Special Issue of *Metals*, we welcome articles that focus on the relationships between the process, structure, properties, and tribological performance of metal-based coatings developed by various surface engineering processes.

Guest Editor

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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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