



Erosion and Wear Behavior of Metal Structure

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Message from the Guest Editors

Dear Colleagues,

Surface coating technology plays a crucial role in the application of metals. In recent decades, fruitful studies have reported on the erosion and wear behavior of metal structures. To trigger further development, we should research the relationship between microstructure characteristics and wear behavior more deeply. For this reason, the present Special Issue “Erosion and Wear Behavior of Metal Structure” is put forward.

For this Special Issue, we wish to present a collection of the excellent studies being conducted on metals, including but not limited to such topics as surface coating technology, erosion behavior, plastic deformation, microstructure characterization, tribological property, thermal property, mechanical properties, magnesium, aluminum, titanium, shape memory alloy, and XRD, SEM, and TEM analyses.

We welcome you to submit your excellent work to the Special Issue “Erosion and Wear Behavior of Metal Structure” of the journal *Coatings*.





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Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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