



Wear and Corrosion Behaviour of Metals and Alloys

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Message from the Guest Editor

Corrosion can frequently occur with a lack of mechanical wear, although corrosion accompanies wear practice to nearly the same degree in entire environments, excluding inert atmospheres. The corrosion and wear of metals and alloys frequently combine to begin serious damage during their service. Investigation of corrosion and wear mechanisms is important for revealing the relationships between abrasion, impact, and corrosion. There are many studies on improving the corrosion and wear resistance of metals and alloys. Metals and alloys are used in a variety of applications and have wide families. It will be possible to improve the metal industry with the optimization of the properties of new products, metal and alloys.

This Special Issue will focus on the important areas of research of corrosion and wear, investigating the phenomenon of corrosion and wear of metals and alloys with various scientific approaches. It is a useful guide to the use of titanium, magnesium, stainless steel, high-entropy, and aluminum alloys based on their corrosion and wear behaviors.

