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Advances in Surface Corrosion Science

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Message from the Guest Editors

Dear Colleagues,

Surfaces are more susceptible to interaction with other elements than bulk phases, easily forming connections with the environment that surrounds them. Oxidation and corrosion phenomena are extremely common and have always been a concern of science. Some factors contribute more actively to these interactions, namely, aggressive environments where these surfaces may be exposed to high temperatures or particularly reactive environments and chemicals. The interaction of these surfaces with the surroundings in extreme conditions has been exhaustively tested, but new needs are constantly emerging, and there are more advanced materials and surface protection techniques that need to be tested.

This Special Issue aims to publish high-quality studies that characterize the behavior of different materials and surface coatings when subjected to particularly demanding working conditions. The development of environmentally and economically sustainable surface protection is also one of the main focuses of this Special Issue.

This Special Issue is co-edited by the Assistant Guest Editors Dr. Vitor F. C. Sousa, Dr. Rúben Costa and Dr. Marta Barbosa.





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Message from the Editor-in-Chief

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