



Novel Coatings for Corrosion Protection

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Message from the Guest Editors

Dear Colleagues,

Corrosion causes many economic losses and wastes resources every year. Common protection methods include cathodic protection, coating protection and adding corrosion inhibitors. Among them, the coating protection method has the characteristics of simple construction, long service life and high cost performance and has been widely studied and applied. This Special Issue of Coatings focuses on the Novel Coating for Corrosion Protection. The topics of interest for this this Special Issue include (but are not restricted to) the following:

Novel coatings to control and minimize corrosion;

Coatings for corrosion control in general;

Anti-corrosion coatings in extreme environment and conditions, e.g., for space environment, radiation, etc.;

Service behavior of coatings in corrosion conditions;

Characterization of nano-, micro- and macro-corrosion characterization of coatings under various environment conditions;

Any other aspects of anti-corrosion 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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