

Coatings for Corrosion Mitigation

Guest Editor:

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Deadline for manuscript
submissions:

closed (30 June 2021)

Message from the Guest Editor

Dear Colleagues,

Corrosion is a global issue and a challenge for a wide range of industrial sectors. Durable and active coatings are some of the most frequently used and effective methods for mitigating corrosion. We cordially invite you to submit your coatings research work to this Special Issue on “Coatings for Corrosion Mitigation”. With this Special Issue, we hope to present an array of cutting-edge coatings research for corrosion protection to a broad audience interested in conservation and sustainability.

In particular, the topics of interest include, but are not limited to:

- Organic and inorganic coatings for corrosion protection;
- Corrosion inhibitors;
- Smart coatings for corrosion protection (functional coatings and self-healing coatings);
- Electrochemical test methods for corrosion evaluation;
- Sol-gel coatings.

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Guest Editor



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Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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