

Special Issue

Novel Coatings for Corrosion Protection

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Qiang Wei

School of Mechanical Engineering, Hebei University of Technology,
Tianjin 300401, China

Dr. Chaoqun Xia

School of Materials Science and Engineering, Hebei University of
Technology, Tianjin 300401, China

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Coatings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
coatings@mdpi.com

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About the Journal

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.

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

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