

Special Issue

Innovative Coatings for Corrosion Resistance in Industrial Concrete Structures

Message from the Guest Editors

This Special Issue aims to bring together recent advances in the development, characterization, and application of novel coatings for corrosion protection in industrial concrete structures. Topics of interest include, but are not limited to, the formulation of high-performance organic, inorganic, and hybrid coatings, nanomaterial-enhanced protective layers, smart self-healing coatings, eco-friendly and low-VOC coating systems, and advanced testing methodologies for evaluating corrosion resistance and long-term durability. We invite original research papers, reviews, and case studies that contribute to the understanding and advancement of innovative coating strategies for corrosion protection. This collection will serve as a valuable resource for researchers, engineers, and industry professionals working in materials science, corrosion engineering, and structural durability.

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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.

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