

Special Issue

Sustainable Corrosion Protection Coatings

Message from the Guest Editor

This Special Issue focuses on sustainable corrosion protection coatings, an area critical for extending the lifespan of materials in harsh environments while reducing the environmental impact.

The scope of this Special Issue encompasses innovative approaches to designing and developing coatings that are not only highly effective against corrosion but also environmentally friendly. We invite original research and review articles related to advanced materials and technologies for corrosion protection, such as bio-based coatings, self-healing coatings, coatings based on sustainable polymers, etc. Studies that explore the synergy between a material's structure, durability, and protection efficiency, along with those focusing on the environmental effects of corrosion and advancements in numerical and computational modelling, are particularly welcome.

We aim to present the latest advancements in sustainable corrosion protection coatings, showcasing innovative materials and techniques that offer both high performance and eco-friendly characteristics.

Guest Editor

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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