

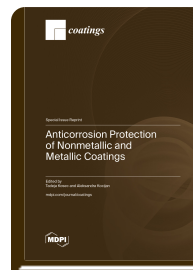
Special Issue Reprint

Anticorrosion Protection of Nonmetallic and Metallic Coatings

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The Reprint “Anticorrosion Protection of Nonmetallic and Metallic Coatings” compiles cutting-edge research focused on advanced corrosion-resistant coatings for a wide range of industrial and environmental applications. The present Reprint focuses on developments in metallic, nonmetallic, and composite coatings using different engineering approaches to increase their durability in various demanding applications. Key areas covered include the application and analysis of coatings engineered through different approaches such as physical and chemical vapor deposition, atomic layer deposition, thermal and plasma spraying, directed energy techniques, wet chemical and electrochemical processes, and techniques based on nanotechnology. The research featured in this Special Issue Reprint provides comprehensive insights into corrosion resistance, mechanical properties, and surface and interface characterisation, with emphasis on enhanced functional performance for different applications. This Reprint serves as a current reflection of the evolving strategies in anticorrosion technology, addressing both fundamental mechanisms and applied solutions for surface protection in real-world systems.

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