

Special Issue

Materials and Coatings for Extreme Environments

Message from the Guest Editor

The Special Issue on "Materials and Coatings for Extreme Environments" in *Applied Sciences* addresses the critical need for advanced materials and coatings capable of withstanding the rigors of extreme conditions. We aim to explore the latest advancements, research findings, and technological innovations in the field of materials and coatings tailored for extreme environments. From high-temperature oxidation and corrosion resistance to radiation hardness and wear protection, the scope of this issue encompasses a wide array of challenges and solutions. We welcome research and review articles on various aspects of materials science and engineering, including surface preparation techniques, interaction between coating layers, advanced manufacturing methods, and novel material systems. This Special Issue serves as a platform to showcase the latest advancements, methodologies, and breakthroughs in the realm of materials and coatings for extreme environments. It aims to foster interdisciplinary collaboration, exchange of ideas, and dissemination of knowledge to address the pressing needs of various industries and pave the way for future innovations.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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