



Heat Processing, Surface and Coatings Technology of Metal Materials

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Message from the Guest Editors

This Special Issue aims to compile original research articles and reviews that explore the latest advancements in functional coatings for metal materials. By shedding light on novel coating formulations, innovative deposition techniques, and advanced characterization methods, we aim to provide a comprehensive overview of the state-of-the-art in this field. The subject matter of this Special Issue aligns closely with the scope of Heat Processing, Surface and Coatings Technology of Metal Materials, as it delves into the intricacies of surface engineering and coatings technology, particularly in the context of metal materials.

We welcome contributions encompassing a wide range of research areas, including but not limited to:

- Novel coating formulations and compositions;
- Advanced deposition techniques for functional coatings;
- Characterization methods for assessing coating properties and performance;
- Applications of functional coatings in corrosion protection, wear resistance, thermal management, and biocompatibility;
- Mechanistic studies elucidating the behavior and performance of functional coatings.





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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