

## Special Issue

# Microstructure, Processing and Numerical Simulation of Coatings

### Message from the Guest Editors

It is well known that the coating is a layer on the substrate to protect and enhance the object and plays an important role in multiple fields. The properties of coatings depend strongly on the process parameters and different materials. Therefore, we would like to invite you to submit your original research to this Processes Special Issue entitled “Microstructure, Processing and Numerical Simulation of Coatings”. The topics of interest for this Special Issue, in particular, include (but are not restricted to):

- Surface coating technology;
- Coating microstructure characterization;
- Coating material design;
- Simulation and analysis of coatings;
- Influence of processing parameters on coatings;
- Topics such as magnesium, aluminium, titanium, shape memory alloys and XRD, SEM and TEM analysis;
- Other aspects of coating material.

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### Guest Editors

Prof. Dr. Haibo Zhang

Dr. Yu Liu

Dr. Yali Gao

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### Deadline for manuscript submissions

20 October 2025



## Processes

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## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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