

## Special Issue

# Surface Treatment and Mechanical Properties of Sustainable Pavement Materials

### Message from the Guest Editors

We are pleased to invite you to contribute your research to our Special Issue “Surface Treatment and Mechanical Properties of Sustainable Pavement Materials”. The mechanical properties and durability of materials determine their application in road engineering. At present, the materials used in road engineering are mainly asphalt and cement-based materials. In order to promote the development and application of road materials, we launch this new Special Issue of *Coatings* that will collect original research articles and review papers. The contribution will focus on the application of sustainable pavement materials and will emphasize the intersection and application of covered disciplines in pavement engineering. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: The preparation, mechanical properties, durability and mechanism analysis of pavement materials. We look forward to receiving your contributions.

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### Guest Editors

Dr. Hui Wang  
Dr. Ge Zhang  
Dr. Ling Qin

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### Deadline for manuscript submissions

closed (20 November 2025)



## Coatings

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## About the Journal

### Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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### Editors-in-Chief

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