

Novel Cleaner Materials for Pavements

Guest Editors:

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submissions:**15 August 2024**

Message from the Guest Editors

Dear Colleagues,

Due to the escalating demands for pavement service levels, the requirements of eco-friendly and low-carbon development, and the advances in materials science and cross-discipline research, the pursuit of cleaner and more sustainable materials has witnessed significant growth in recent years. Meanwhile, it is widely recognized that pavement materials are pivotal in shaping the construction and maintenance of road engineering. Thus, in order to promote the pioneering of cleaner materials for pavements, we are thrilled to launch this new Special Issue in *Coatings*, dedicated to collating original research articles as well as comprehensive review articles.

This Special Issue focuses on the newest research in cleaner and more sustainable materials in the fields of pavement engineering. We place a strong emphasis on interdisciplinary research and practical application. Potential topics include, but are not limited to, the following:

- Recycled waste materials in pavements;
- Bio-based materials;
- Chemistry of alternative binders;
- Low-emission materials;
- Low-noise materials;
- Functional pavement materials.

mdpi.com/si/185138

Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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