



## Novel Green Pavement Materials and Coatings

Guest Editors:

**Dr. Fang Xu**

**Prof. Dr. Tao Sun**

**Prof. Dr. Tao Bai**

**Prof. Dr. Chao Peng**

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### Message from the Guest Editors

Dear Colleagues,

Compared with traditional pavement materials, novel green pavement materials will be more environmentally friendly, and will improve in function. Pavement materials will be improved according to the specific requirements of the road. Novel green pavement materials give different functions to the traditional pavement materials, which are used in different occasions and environments with different demands, and make more significant contributions to the safety, comfort and higher service quality of the road pavement. Therefore, novel green pavement materials are increasingly widely considered and applied. This Special Issue will provide a platform with advantages of environmental friendliness and low energy consumption for novel pavement technology, and has theoretical significance and application value. Specific topics of interest include, but are not limited to, the following:

- cement concrete pavement
- asphalt pavement
- pavement surface treatments
- pavement materials evaluation
- coating and repair materials in pavement
- anti-icing in pavement
- superhydrophobic coating





## Editors-in-Chief

### Prof. Dr. Wei Pan

State Key Laboratory of New  
Ceramics and Fine Processing,  
School of Materials Science &  
Engineering, Tsinghua University,  
Beijing 100084, China

### Dr. Emerson Coy

NanoBioMedical Centre, Adam  
Mickiewicz University in Poznań,  
ul. Wszechnicy Piastowskiej 3, 61-  
614 Poznań, Poland

## 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.

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Coatings Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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