

## Special Issue

# Application of Cement, Concrete and Asphalt Materials in Pavement

### Message from the Guest Editors

The materials in pavement (aggregates, asphalt materials, cementitious materials, etc.) control its quality and durability. However, there are various environmental concerns regarding these materials, such as virgin material consumption, energy consumption, and greenhouse gas emissions related to their application. Due to these drawbacks, extensive efforts have been put into promoting advanced and innovative pavement materials for constructing and maintaining sustainable pavements. These materials can improve durability, reduce costs, diminish depletion of natural resources, and decrease the environmental impacts of AC and PCC pavements. This Special Issue aims to present recent developments in the field of pavement materials. The selected articles will relate to different aspects of pavement materials, from material characterization to innovative smart materials, from self-healing techniques to recycling technologies, and from asphalt mixture to Portland cement concrete. This Special Issue of *Coatings* will provide researchers, practitioners, and administrators with a unique opportunity to present new findings and emerging ideas.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2023)



## Coatings

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Impact Factor 2.8  
CiteScore 5.4



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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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