

## Special Issue

# Mechanical Property Research of Advanced Asphalt-Based Materials—Second Edition

### Message from the Guest Editors

This Special Issue, entitled “Mechanical Property Research of Advanced Asphalt-Based Materials”, aims to gather original research papers related to the mechanical properties of asphalt materials. The scope of this Special Issue includes, but is not limited to, the following topics:

- Asphalt binder property evaluation and/or modelling;
- Asphalt mixture performance evaluation and/or modelling;
- Multi-physical/multi-scale characterization of asphalt-based materials;
- Green and sustainable asphalt-based materials;
- Additive reinforcement asphalt-based materials;
- Durability assessment of intelligent asphalt pavements;
- Intelligent monitoring technology of asphalt pavements;
- Advanced asphalt material for pavement construction and maintenance.

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### Guest Editors

Prof. Dr. Aihong Kang

Dr. Xunhao Ding

Dr. Pan Pan

Prof. Dr. Zhuangzhuang Liu

Dr. Bo Li

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### Deadline for manuscript submissions

20 August 2025



## Materials

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## About the Journal

### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

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