

## Special Issue

# Latest Advances in Asphalt Materials in Modification and Performance Evaluation

### Message from the Guest Editors

We invite you to contribute to the upcoming Special Issue titled "Latest Advances in Asphalt Materials in Modification and Performance Evaluation", which seeks to showcase the most recent developments and research in the design, modification, and performance assessment of asphalt materials. This Special Issue welcomes original research articles, reviews, and case studies focusing on innovative materials and technologies aimed at enhancing the performance and sustainability of asphalt binders and mixtures. Topics of interest include, but are not limited to the following:

- Polymer-, bio-, and nano-modified asphalts
- Rejuvenators and recycling technologies
- Aging, moisture damage, and cracking resistance
- Performance evaluation methods (laboratory and field)
- Mechanistic-empirical modeling and life-cycle assessment
- Smart materials and data-driven design approaches

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### Guest Editors

Dr. Fan Zhang

Dr. Dongdong Yuan

Dr. Di Wang

Dr. Augusto Cannone Falchetto

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### Deadline for manuscript submissions

20 July 2026



## Materials

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## About the Journal

### Message from the Editorial Board

*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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