

## Special Issue

# Novel Materials in Highway Engineering

### Message from the Guest Editors

Materials are one of the most basic and important elements in highway engineering, which are directly related to the performance and service of highway engineering. In recent years, some additional functions are required for highway engineering, such as more green, environmental protection and intelligence, less carbon emissions, etc. Based on this, the primary aim of this Special Issue is to collect and spread the recent progress and novel trends in the theory and application of advanced materials in road engineering. We invite authors to contribute original research, theoretical and experimental work, case studies, and comprehensive review papers that contribute to the advanced technologies and application of materials in highway engineering. Relevant topics to this Special Issue include, but are not limited to, the following subjects: design and application of multifunctional material; waste materials utilization; low-carbon emission materials; long-life materials; green environmental protection material; and novel characterization of materials.

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### Guest Editors

Dr. Canlin Zhang

Dr. Xiaobin Han

Dr. Shi Xu

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### Deadline for manuscript submissions

10 December 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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