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## Special Issue on Roadway and Bridge Design, Construction, and Maintenance

### Call for Papers

Roadway and Bridge Design, Construction, and Maintenance is a multidisciplinary field concerned with the planning, engineering, and lifecycle management of transportation infrastructure. It encompasses geometric and structural design, material selection, construction methods, and performance evaluation of roads and bridges to ensure safety, durability, and efficiency. By integrating advances in civil engineering, materials science, asset management, and sustainability practices, this field supports resilient infrastructure systems that accommodate growing traffic demands, environmental constraints, and long-term maintenance needs.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Roadway and Bridge Design, Construction, and Maintenance**. Potential topics include, but are not limited to:

- Roadway geometric design
- Bridge structural design
- Pavement materials and performance
- Bridge materials and durability
- Construction methods and technologies
- Traffic loading and structural analysis
- Foundation and geotechnical engineering
- Inspection and condition assessment
- Maintenance and rehabilitation strategies
- Asset management for transportation infrastructure
- Structural health monitoring systems
- Safety analysis and risk management
- Sustainable roadway and bridge design
- Seismic design and retrofitting
- Construction quality control and assurance
- Lifecycle cost analysis and management

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Roadway and Bridge Design, Construction, and Maintenance**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	May 20th, 2026
Publication Date	July 2026

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