



Innovative Road Materials and Pavement Design—Functional Materials and Intelligent Sensing Pavement

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Message from the Guest Editors

Dear Colleagues,

There are some hot research technical directions in the development of contemporary highway transportation : functional materials and intelligent sensing pavement. The topics of interest include but are not limited to the following:

- Latest achievements in the field of functional materials and intelligent sensing pavement, and discussion around future research directions and development;
- Development and design methods for self-heating/self-cooling/self-snow melting pavement materials;
- Self-sensing pavement and its supporting sensing system technology;
- Self-healing pavement and its diagnosis system technology;
- Evaluation methods of service performance of functional pavement;
- Self-energy harvesting pavement and its energy conversion system technology;
- Environmentally friendly pavement materials and structure;
- Development of self-cleaning pavement materials and their service performance;
- Development and establishment of multidimensional intelligent sensing system platforms for pavement;
- Processing and analysis method of macro-structure of





materials

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Message from the Editor-in-Chief

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