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Sustainable Asphalt Binders for Roads

Guest Editor:

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Deadline for manuscript
submissions:

closed (10 March 2024)

Message from the Guest Editor

Dear Colleagues,

This Special Issue on Sustainable Binders for Roads aims to collate original research and review articles on sustainable asphalt binder in the fields of highway engineering and pavement technology. Research articles on a wide variety of subjects, including the development of bio-binders, the characterization of new binders, the field performance of pavements constructed with new binders, the use of recycled asphalt binder, the chemistry of alternative binder, and morphological characterization of binder, are invited for this issue. All papers should conform to the theme of the sustainability.

Potential topics include, but are not limited to, the following:

- The rheological properties of bio-binders for asphalt pavements;
- The chemistry of alternative binders relevant to pavement performance;
- Asphalt Mix design with alternative binders;
- Field studies with high amount of RAP;
- Pavement performance;
- Testing protocols for new binders and asphalt mixtures.

Prof. Dr. Satish Chandra

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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