



Sustainability Assessment of Pavement De-icing and Anti-icing Methods

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Message from the Guest Editors

Various methods for keeping pavements free of ice and snow have been developed and improved over the years by tremendous intellectual and financial investments from researchers, engineers, operators, companies, institutions, and agencies all around the world. Some prominent examples of relatively newer technologies for pavement de-icing/anti-icing applications are heated pavement systems, and water-repellent and/or ice-phobic pavements.

Ice-and-snow-removal operations occur on such a large scale that, independent from the methods involved, they have considerable environmental and economic impacts. Therefore, it is timely to foster a sustainability-oriented body of literature that covers various traditional and innovative methods used for keeping paved surfaces free of ice and snow. This Special Issue aims to encourage researchers to share their research related to the sustainability assessment of the methods, materials, operations, and processes involved in the treatment of ice and snow on pavement surfaces. We welcome original research or review articles with a clear application focus in these areas.





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Message from the Editor-in-Chief

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