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The Evaluation and Characterization of Asphalt and Concrete

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Message from the Guest Editors

Asphalt and concrete have been the most widely used construction materials all over the world for decades. The continuous development of asphalt (e.g., polymer-modified bitumen; additives that improve the properties of asphalt) and concrete technology (e.g., high-strength concretes and fibre-reinforced concrete) creates new possibilities for the design and utilization of structural members. Moreover, nowadays, the increasing challenge in the construction materials industry is to reduce its environmental impact, which can be achieved by reducing the cement content in mixtures by using warm-mix asphalt and secondary raw materials such as recycled aggregates or alternative binders. Since the knowledge of new possibilities, but also of limitations, is required, there is now an unabated interest in the investigation of asphalt and concrete materials. For these reasons, the aim of this Special Issue is to gather the latest findings from researchers to show the latest advances and trends in characterisation and evaluation of asphalt and concrete materials.





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Message from the Editor-in-Chief

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