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Towards Sustainable Low-Carbon Concrete

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Message from the Guest Editors

Dear Colleagues,

This Special Issue, "Towards Sustainable Low-Carbon Concrete", seeks to explore and highlight innovative research and advancements in the development of low-carbon concrete. As the construction industry faces increasing pressure to reduce its carbon footprint, the quest for sustainable building materials has become more critical than ever. Concrete, being the most widely used construction material, plays a pivotal role in this endeavor. This issue aims to showcase cutting-edge research, novel formulations, and case studies that demonstrate significant reductions in carbon emissions associated with concrete production, use, and end-of-life stages. Topics of interest include, but are not limited to, alternative cementitious materials, carbon capture and utilization in concrete, enhancements in concrete recycling processes, and lifecycle assessments of concrete structures. Through this compilation, we aim to provide a comprehensive overview of current trends, challenges, and future directions in the pursuit of sustainable, low-carbon concrete.

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Message from the Editor-in-Chief

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