



Advanced Cementitious Materials for Sustainable Infrastructure

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Message from the Guest Editor

Global warming is a significant problem affecting the whole planet. In addition to other factors, the cement and concrete sector is responsible for a significant amount of the emissions that contribute to climate change. When it comes to the development of cleaner technologies for the production of concrete, the primary goals include achieving a significant reduction in CO₂ emissions, achieving a significant reduction in energy consumption and fossil fuel in the cement-manufacturing process, achieving a significant reduction in the use of substances that are hazardous to health and/or the environment, and achieving significant savings associated with the use of cement by partially replacing it with fly ash waste and/or other kinds of waste.

This Special Issue covers a variety of topics that are connected to the manufacturing of environmentally friendly cement and concrete materials as well as their use in building endeavors. Screening is done on various sources of sustainable green cement-based materials, as well as their applications in various construction sectors (buildings, roads, railways, airports, ports, tunnels, and bridges).





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Message from the Editor-in-Chief

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