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Research on Low Carbonization Application of Magnesia-Based Cementitious Materials

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Message from the Guest Editors

Dear Colleagues,

Cement is a very common and important material in civil engineering construction, which includes: CaO-based cement and MgO-based cement. Magnesia-based cement has many advantages over calcium cement in terms of performance, but its shortcomings also limit its applications in civil engineering. In recent years, a large amount of fruitful theoretical and applied research has been conducted on the defects of magnesia-based cement, including magnesium phosphate cement, modified magnesium oxysulfide cement, basic magnesium sulfate cement, and magnesium oxychloride cement. Additionally, the application of CO2 and solid waste in magnesia-based cement is a research hotspot for energy conservation, emission reduction, and the sustainable development of building materials.

We look forward to receiving your contributions.

Dr. Na Zhang Prof. Dr. Hongfa Yu Guest Editors











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Message from the Editor-in-Chief

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