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## Research on Alkali-Activated Materials

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### Message from the Guest Editors

Dear Colleagues,

Alkali-activated materials are a kind of cementitious material generated by the reaction of solid silicate wastes (such as slag, fly ash, kaolinite, etc.) with pozzolanic activity or potential hydraulic properties and alkaline activators, including four types: alkali-aluminosilicate vitreous, alkali-fired clay, alkali-ore tailings and alkali-calcium carbonate. It has the advantages of simple preparation, low cost, easy access to raw materials, low energy consumption, green environmental protection, high strength, good durability etc., and is considered as an ideal substitute for Portland cement materials. As a low-carbon material, it has become the focus and hot spot of research in major countries across the world. However, due to the complex source of raw materials, high content of alkali activator, lack of applicable additives, etc., the alkali-activated materials still are limited to use in practical engineering.

This Special Issue aims to highlight the original findings regarding the alkali-activated materials, and the potential perspectives for future investigations are also encouraged.

Dr. Hui Liu  
Prof. Dr. Feng Rao  
*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

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