



## Characteristics of Raw Materials Used for Alkaline Activation and Geopolymerization Processes

Guest Editors:

**Dr. Zhaohui Li**

Geosciences Department,  
University of Wisconsin-Parkside,  
Kenosha, WI 53144, USA

**Dr. Kinga Korniejenko**

Faculty of Materials Engineering  
and Physics, Cracow University of  
Technology, Al. Jana Pawła II 37,  
31-864 Kraków, Poland

**Dr. Michał Łach**

Cracow University of Technology,  
Institute of Materials Engineering,  
Faculty of Material Engineering  
and Physics, Kraków, Poland

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### Message from the Guest Editors

Reducing the release of CO<sub>2</sub> in the production and emission of CO<sub>2</sub> is a highly important environmental problem in the production of concrete; there is a need to develop materials that can replace concrete with engineering materials whose production does not have such a heavy burden on the environment. The most promising alternative solutions for the production of Portland cement are technologies of materials production based on alkali activation and geopolymerization. In addition, the process use anthropogenic raw materials (minerals) such as slags and fly ashes and other wastes for the production. It enables one to use waste as a raw material for manufacturing new products in low energy and low emission processes.

This Special Issue aims to attract original contributions in topics related to the usage of different raw materials for processes of alkali activation and geopolymerization, covering aspects ranging from the preparation of such materials (especially using natural or waste materials), their characterization, and application in different areas, especially in the construction industry.





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## Editor-in-Chief

**Prof. Dr. Alessandra Toncelli**

Department of Physics, University  
of Pisa, 56126 Pisa, PI, Italy

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*Crystals* Editorial Office  
MDPI, St. Alban-Anlage 66  
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