



Zeolites

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Message from the Guest Editors

Dear Colleagues,

Zeolites can be successfully obtained in laboratory conditions by heating the aluminosilicate materials in the presence of alkaline solution. Various silica carriers, including natural raw materials (such as kaolinite, volcanic glasses, diatomite) and industrial wastes (among which fly ash is the most popular) are used in such processes. Current trends provide a green and economic alternative for the synthesis of zeolites using natural or waste clays instead of chemical raw materials.

This Special Issue aims to attract original contributions in topics related to clay-based zeolites, covering aspects ranging from the preparation of such materials, their characterization, and application in different areas. In particular, reports on the unique synthesis methods of clay-based zeolites or improvement of existing ones, as well as structural characterization of resulting materials and their potential use in various fields are welcome.

I believe that this collection will summarize the current state-of-the-art in the field of clay-based zeolitic materials and will become a source of new ideas resulting in the development of this group of minerals.





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Message from the Editor-in-Chief

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