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## Preparation, Characterization and Applications of Zeolite-Based Materials

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Deadline for manuscript  
submissions:

**closed (20 August 2022)**

### Message from the Guest Editors

Dear Colleagues,

Zeolites are an interesting group of minerals which, due to their specific internal structure, possess numerous unique properties that determine their practical usage. Zeolites in their natural and modified form play a significant role in environmental engineering, agriculture, civil engineering or pharmaceutical and cosmetic industry.

Zeolites can be applied in the processes of gas, water, and wastewater purification, reclamation of degraded soils, building material production, catalysis, energy storage, pharmaceuticals, and cosmetics production. These examples of zeolite usage are directly connected with their properties, including ion exchange, absorbability, adsorption, and porosity.

The Special Issue will include the current state-of-the-art and results of the newest scientific trends in the field of zeolite application in specialized material production. Reports on the unique properties of zeolites, their modification and functionalization, as well as their potentially new directions of application are also welcome.

Prof. Dr. Małgorzata Franus

Dr. Lidia Bandura

Guest Editors



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# Special Issue



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## Message from the Editor-in-Chief

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