



Preparation, Characterization and Applications of Zeolite-Based Materials

Guest Editors:

Prof. Dr. Małgorzata Franus

Department of General
Construction, Faculty of Civil
Engineering and Architecture,
Lublin University of Technology,
Nadbystrzycka 40, 20-618 Lublin,
Poland

Dr. Lidia Bandura

Department of Geotechnical
Engineering, Faculty of Civil
Engineering and Architecture,
Lublin University of Technology,
Nadbystrzycka 40, 20-618 Lublin,
Poland

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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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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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