Special Issue

Sustainable Zeolites: Advances in Synthesis and Applications

Message from the Guest Editors

We are pleased to invite you to contribute your research on zeolites, an exciting and relevant topic in the field of crystalline solid materials. These materials possess regular porous structures that confer unique properties, such as adsorption capabilities, molecular sieving, and ion exchange. The presence of voids or channels in their structure allows for the adsorption and diffusion of various ions and molecules, facilitating their extensive use in industrial applications such as water remediation, catalysis, detergent manufacturing, gas purification, membranes, and drying processes, among others. Therefore, we invite you to share your research, advancements, and discoveries in this special edition, titled "*Sustainable Zeolites: Advances in Synthesis and Applications*". We look forward to receiving contributions addressing aspects such as new synthesis methods, material characterization, innovative industrial applications, and performance and sustainability studies, among other relevant topics. We hope you will join us in enriching the understanding of zeolites and their role in the development of more sustainable processes.

Guest Editors

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Deadline for manuscript submissions

20 December 2025

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/205794

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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