

Special Issue

Zeolites and Porous Composites from Wastes: Synthesis, Characterization and Applications

Message from the Guest Editors

Zeolites are defined as microporous materials from the tectosilicate mineral group and represent one of the most common mineral forms. Porous structures can be constructed in a bottom-up approach using waste from many areas of nature, even waste rich in carbon, iron or polymers can be used. With this approach, wastes can be reused to generate valuable products and gain importance due to their varied applications. This Special Issue on “Zeolites and Porous Composites from Wastes: Synthesis, Characterization and Applications” seeks high-quality research focusing on novelties in synthesis of zeolites, porous materials or porous composites from wastes. Topics include, but are not limited to, the following:

- Mineral waste for zeolite composite and mesoporous synthesis and applications;
- Kaolin waste impurities and potential for porous material and composite production;
- Carbon-based wastes for graphene oxide generation and zeolite composite production;
- Iron-ore waste mining for magnetic nanoparticles composite with zeolites and porous materials;
- Composite polymer-zeolite or polymer-porous material and application.

Guest Editors

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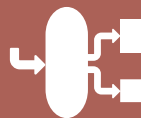
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