Special Issue

Recent Development in Geopolymers

Message from the Guest Editors

Recently, geopolymers have been the most commonly researched sustainable alternative binders to traditional cement-based binders in cementitious composites. It has been shown that geopolymers can provide viable mechanical properties for a potential replacement of structural concrete if properly designed and cured. In this Special Issue, we aim to update the community on recent developments in the field of geopolymer composites and their applications in the area of novel sustainable building materials. The specific areas of interest of the Special Issue include (but are not limited to) the composition and matrix mix design of geopolymer cements, mortars and concretes, along with reinforced matrices (longitudinal-, fiber-, or textile reinforcement). The issue will address the composites' properties in fresh and hardened states, including their physical, mechanical and fracture mechanical characteristics. Topics may include creep, shrinkage, and carbonation, as well as the durability and long-term behavior aspects of the composite. Applications of geopolymer composites in building constructions, retrofit, and maintenance are also welcomed.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
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