Special Issue

Environmentally Friendly Geopolymer Composites

Message from the Guest Editors

Geopolymers are considered environmentally friendly materials, since their use in concrete applications could significantly reduce CO2 emissions thanks to the “low carbon” footprint of several raw materials with a high concentration of aluminosilicates from which they can be prepared. Within this wide research field, geopolymer composites represent a class of particularly versatile materials, with widely tunable performances, depending on the applications for which they are designed. This Special Issue aims to offer the scientific community a deeper comprehension of the structural, microstructural and physico-mechanical characteristics of geopolymeric mortars, geopolymer-resins composites, geopolymers with additive or reinforcement, for applications both in the construction industry, masonry restoration, waste stabilization, and inertization, but also in advanced chemical applications, such as catalysis or the removal of pollutants.

Guest Editors

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Message from the Editor-in-Chief

Environmental issues are quickly becoming central political, economic and academic topics of the twenty-first century. A large number of modern challenges are directly or indirectly caused by complex interactions between environmental issues. Such issues require interdisciplinary research, knowledge and insights to understand and, ultimately, for solutions to be found. Through the journal Environments, we strive to create a platform for meaningful discourse by accepting contributions from a wide range of fields. We sincerely hope you will consider publishing your distinguished work in this highly-accessible, peer-reviewed journal.

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