

## 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 CO<sub>2</sub> 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.

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### Guest Editors

Prof. Dr. Raffaele Cioffi

Dr. Claudio Ferone

Dr. Francesco Messina

Prof. Dr. Giuseppina Roviello

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### Deadline for manuscript submissions

closed (31 October 2017)



## Environments

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Sergio Ulgiati

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JCR - Q2 (Environmental Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2025).