

## Special Issue

# Innovative and Functional Geopolymer Composites

### Message from the Guest Editor

Geopolymer composites have a key role in the development of functional advanced materials thanks to their peculiar chemical and physical properties. Innovative composites based on geopolymers can typically find application in several fields, such as energy, health, the environment, nanotechnology, packaging, and building. Such composite geopolymer materials become even more interesting if prepared using, as the starting raw material, industrial, metallurgical, urban or agricultural wastes or by-products (such as fly ash, slag blast furnace or rice husk). In this way, the critical drawbacks associated with raw material supply for mass production could be overcome, thus making them competitive, both from the point of view of the environmental and economic impacts. This Special Issue is seeking original, unpublished papers that describe recent advances in functional geopolymer composites in terms of synthesis, preparation, chemical–physical characterizations and mechanical properties, thus encouraging an interdisciplinary research approach.

### Guest Editor

Dr. Laura Ricciotti

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### Deadline for manuscript submissions

closed (31 January 2020)



## 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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