



Chemical Additives and Alternative Admixtures for Sustainable Construction Materials

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Message from the Guest Editor

Nowadays, requirements for the sustainability of construction production and a reduction in its negative impacts on the environment are increasingly emphasized. This can only be achieved through the development of new building materials that are at least partly based on sustainable resources and have a low carbon footprint. The development of such materials implies the reuse of waste or secondary raw material resources, as well as the study and development of alternative admixtures and additives to improve the functional parameters of materials and their durability in relation to the specific requirements of building structures and construction practices.

This Special Issue of Materials welcomes papers from all areas of material research aimed at the design, development, and assessment of new composites for construction use, modified with novel chemical additives and alternative admixtures.

Keywords:

- chemical additives
- alternative admixtures
- construction composites
- experimental assessment
- durability





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Message from the Editor-in-Chief

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