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Chemical Additives and Alternative Admixtures for Sustainable Construction Materials

Guest Editor:

Prof. Dr. Zbyšek Pavlík

Department of Materials
Engineering and Chemistry,
Faculty of Civil Engineering,
Czech Technical University in
Prague, Thákurova 7, 166 29
Prague, Czech Republic

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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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Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

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Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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