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Recent Discoveries in Construction Materials—towards a Sustainable Future

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Message from the Guest Editor

The building industry is continuously evolving towards a better and brighter future with more sustainable building materials. Durability and sustainability are, therefore, important factors for limiting the environmental impact of construction materials and structures, especially in light of the European Green Deal in Horizon Europe and the Sustainable Development Goals from the UN. These recent discoveries are the subject of this Special Issue, to build a sustainable future for years to come using all resources as efficiently as possible. The building materials for the future should have long service lives and low life-cycle costs, and be safe, reliable and resilient. The maintenance required during their lifetimes should be as little as possible, in order to limit the production of additional materials used for repair. Another focus will be thermal comfort, increasing energy efficiency, reducing the impact on the surrounding environment and leading to a more comfortable and healthier living space. Recent discoveries in construction materials are leading towards a sustainable future.



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Special Issue



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Message from the Editor-in-Chief

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