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Advances in Concrete and Binders for Sustainable Engineering

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Message from the Guest Editors

Dear Colleagues,

The management of different industrial waste and by-products, such as recycled aggregates from construction and demolition waste, alumina by-products, biomass ash, and olive stone or reinforcing fibers, as well as the reduction of landfill deposits by incorporating these products in a second life cycle, is the aim of this work.

Over the last two decades, the application of these materials as mixed recycled aggregates or recycled concrete aggregates in engineering works has been studied intensively.

Additionally, the application of some of these by-products in the production of concrete has been the subject of numerous investigations, with the aim of applying these types of materials as a supplementary cementing material, limestone filler, or as a replacement for natural aggregates.

For this reason, this Special Issue presents current research that is applicable for engineering projects, with a focus on the use of efficient materials in some stages of the life cycle in order to improve the reduction in CO_2 demand.

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Message from the Editor-in-Chief

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