

Special Issue

Utilization of Steel Furnace Slag in Cementitious Composites

Message from the Guest Editor

Towards a goal of sustainability in civil infrastructure, the utilization of all available waste and by-product resources is paramount. Steel furnace slag is one such by-product material that has seen minimal use, owing to the potential for significant expansive properties. This Special Issue of *Applied Sciences*, "Utilization of Steel Furnace Slag in Cementitious Composites", is intended for a wide and interdisciplinary audience and covers recent advances in

- The beneficiation of steel furnace slag aggregates for use in concrete;
- The durability of concrete with steel furnace slag aggregates;
- The reactivity of steel furnace slags as a supplementary cementitious material;
- Steel furnace slags in alkali-activated materials;
- Advanced characterization techniques to study the effects of steel furnace slags on the properties of cementitious composites;
- Case studies of using steel furnace slags in civil infrastructure applications.

For further reading, please visit the [Special Issue website](#).

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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