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## Concrete Materials: Advancement in Materials Design, Manufacturing, and Applications

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### Message from the Guest Editor

This Special Issue, “Concrete Materials: Advancement in Materials Design, Manufacturing and Applications”, will address advances in materials design, manufacturing, and applications of various novel concrete-incorporating alternative materials.

The topics of interest include but are not limited to:

- Environmentally friendly design of concrete composites;
- New process for concrete production;
- Functionally graded concrete materials;
- Fiber-reinforced cement composites;
- Smart materials and its applications in concrete;
- Energy-efficient concrete materials;
- Advanced characterization method for concrete.

The aim of this Special Issue is to showcase the latest research and advances in this area, particularly on the design, manufacturing, and applicability of various types of concrete materials. Original research papers, state-of-the-art reviews, communications, and discussions are welcomed.



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# Special Issue



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## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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