Special Issue

Mathematical Modeling of Building Materials

Message from the Guest Editor

We learned from Einstein that **"everything should be made as simple as possible, but not simpler".** Thus, mathematical modeling should be of key interest in predicting building materials properties, from both an engineering and a materials science point of view. The aim of this Special Issue is to publish papers that advance the field of construction and building materials through the application of diverse mathematical modeling approaches. Newly proposed mathematical models should obtain enhanced insights into materials' behavior, preferably calibrated and/or validated with new or already published experimental data. The scope includes:

- Capabilities of mathematical modeling applied to building materials from an engineering and scientific point of view;
- Predicting building materials' structure–property relationships;
- Long-term (aging) properties;
- Reaction kinetics of early-age properties development.

Guest Editor

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Deadline for manuscript submissions

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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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