

## Special Issue

# Properties and Novel Applications of Recycled Concrete and Mixed Aggregates

### Message from the Guest Editors

This Special Issue on “Properties and Novel Applications of Recycled Concrete and Mixed Aggregates” will address progress in the study of recycled concrete and mixed aggregates for application in construction materials. The construction sector today still has negative effects related to the high consumption of natural resources and the production of waste. The main theme included in this Special Issue is the following:

- Advances in the study of the characterization of recycled concrete and mixed recycled aggregates;
- New classification of recycled aggregates according to their properties;
- Improvement of properties through different treatments;
- Use of recycled concrete and mixed recycled aggregates in novel construction materials;
- New techniques for the study of mechanical properties and durability of different types of recycled construction materials;
- Leaching properties of recycled mixed aggregates and concrete;

Evaluation of the life cycle analysis of the production and use of recycled aggregates.

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### Guest Editors

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### Deadline for manuscript submissions

closed (10 January 2023)



## Materials

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## About the Journal

### 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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### Editor-in-Chief

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