

Special Issue

Advances in the Design and Properties of New Ecoconcrete Formulations (2nd Edition)

Message from the Guest Editors

This Special Issue, entitled “Advances in the Design and Properties of New Ecoconcrete Formulations (2nd Edition)”, aims to address the latest research in the study of recycled concrete with different types of waste and by-products.

The main topics included in this Special Issue include, but are not limited to, the following:

Advances in the study of the characterization of recycled concrete and recycled mixed aggregates;

New classification of recycled aggregates according to their properties;

Improvement of properties through different treatments;

Use of recycled concrete and recycled mixed aggregates in new construction materials;

New techniques for the study of the mechanical properties and durability of different types of recycled construction materials;

Leaching properties of recycled mixed aggregates and concrete;

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

Guest Editors

Prof. Dr. Francisco Agrela

Dr. Julia Rosales

Dr. Manuel Cabrera Montenegro

Deadline for manuscript submissions

closed (10 December 2025)



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Message from the Editorial Board

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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