

## Special Issue

# Recycling and Resource Utilization of Waste

### Message from the Guest Editors

Volumes of stockpiled waste containing all kinds of polymers have prompted the design of new material solutions in civil engineering. The climate change we are witnessing is a product of human industrial activity, which, in addition to pushing the greenhouse effect to dangerous levels, generates massive amounts of waste. However, with the increasing spotlight on sustainability, incredible advances in science and technology have led to the transformation of a significant portion of waste materials into components for composites in civil engineering. Since sustainable road construction requires the optimal use of natural resources, there is a great need to expand our knowledge and practices regarding the reuse (recycling) of waste materials as modifiers and additives. We are delighted to invite you to submit original research articles that will stimulate further work on the development of modern composite materials containing recycled materials or by-product waste in civil engineering.

### Guest Editors

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### Deadline for manuscript submissions

20 November 2025



## 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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