

SPECIAL ISSUE ON MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE ENGINEERING PRACTICES

GUEST EDITORS

Dr. Arunkumar Thirugnanasambandam, Professor at Chennai Institute of Technology, Chennai, India. arunkumar.t@citchennai.net

Talal Yusaf, Professor at Central Queensland University, Australia. t.yusaf@cqu.edu.au

John D. Kechagias, Professor at University of Thessaly, Greece. jkechag@uth.gr

DESCRIPTION

The special issue on "MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE ENGINEERING PRACTICES" intends to cover advanced technologies and innovative solutions concerning sustainable engineering while meeting global sustainable engineering challenges. This issue would provide a forum for publishing the latest research and practical applications in the design, development, and implementation of sustainable materials and technologies. It aims to build inter-discipline dialogues among researchers, engineers, and policymakers.

All of these will be through focusing resource efficiency, renewable energy, waste reduction, and eco-friendly manufacture. The focus is on state-of-the-art society-level research being the platform for Scholars / Academicians / Scientist / Industrialist / Investors / Venture Capitalists / Environmental Consultants / NGOs to present and exchange ideas between rich, divergent domains.

TOPICS

A non-exclusive listing of relevant topics includes:

- ▶ Advanced high-performance sustainable alloys
- ▶ Advanced materials for solar energy harvesting
- ▶ Biodegradable polymers
- ▶ Carbon foot print analysis
- ▶ Circular economy
- ▶ Eco-friendly materials for constructions
- ▶ Fuel cells
- ▶ Hydrogen energy storage solutions
- ▶ Industrial waste utilization
- ▶ Innovations in repurposing by products.

- ▶ Nano-engineered surfaces
- ▶ Nanomaterials for sustainability
- ▶ Natural fibre composites for structural applications
- ▶ Recycling technologies
- ▶ Smart and functional materials

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HOW TO SUBMIT

Before submission authors should carefully read the [Instructions for Authors](#).

For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file. All submissions to the Special Issue must be made electronically via the Editorial Manager submission and tracking review system: <https://www.editorialmanager.com/jmbm>

All manuscripts will undergo the standard peer-review process (single blind, at least two independent reviewers). When entering your submission via online submission system please choose the option:

"SI: MATERIALS AND TECHNOLOGIES FOR SUSTAINABLE ENGINEERING PRACTICES"

For more details, please see [Authors Statements](#) and [Data Sharing Policy](#) documents available in the Supplementary Materials section at the journal website.

The deadline for submissions is 31.05.2025 but individual papers will be reviewed and published online on an ongoing basis.

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