

Cutting Edge Technology for sustainable materials

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ABSTRACT: Cutting edge technology for sustainable materials acknowledges the interdisciplinary nature of scientific research on sustainable development and covers aspects of sustainability in materials engineering and technology as well as in related, multidisciplinary fields. It provides a scientific platform for physicists, mathematicians; chemist's material scientists, engineers and other technical experts to contribute innovative works and combine the different disciplines for the development of sustainable materials. Any type of articles (experimental research, case study, technical report, short communication, and reviews) within the scope of sustainable materials are invited for publication.

Subtopics:

- Resource-efficiency optimization
- life Cycle Assessment of sustainable technologies
- Manufacturing processes for sustainable materials
- Theory and simulation for sustainable materials
- New concept and technology for sustainable materials
- Materials performance
- Eco-friendly/biodiversity-natural/healthy/recyclable materials
- Smart/environmentally-adaptable materials, green composites/materials

KEYWORDS: Composites, Metal Matrix Composites, Wear, Surface Engineering, Sustainable, Materials, Nanocomposites, fiber reinforced composites, tribology, smart materials, friction, abrasion, adhesion

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