



SCIFINITI
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Open Access Peer-Reviewed Journal Specialized in
Connecting Construction Materials with Structural Engineering

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Structures and Construction Materials Connect

A Journal Specialized in Connecting Construction Materials with Structural Engineering

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Subject Categories

Structural Engineering

Construction Materials

Sustainable Construction

Digital and Advanced Construction Technologies

Target Audience

Structures and Construction Materials Connect is designed for researchers, academics, structural and civil engineers, materials scientists, designers, construction professionals, policymakers, and industry experts engaged in construction materials and structural engineering.



Ashraf Ashour

Editor-in-Chief

University of Bradford, United Kingdom

Message from EiC

I am delighted to announce the launch of 'Structures and Construction Materials Connect', an international, peer-reviewed, open-access journal connecting construction-material innovation with structural performance. We invite rigorous, original research that advances safe, sustainable, resilient and intelligent structures while translating scientific advances into engineering practice and meaningful global impact.

Aims and Scope

Structures and Construction Materials Connect is an international, peer-reviewed, open-access journal advancing knowledge in construction materials and structural engineering. The journal publishes experimental, analytical, computational, and field-based studies on innovative and sustainable materials, structural behaviour and design, durability, resilience, monitoring, rehabilitation, and emerging construction technologies. Particular emphasis is placed on research that connects material innovation with validated structural performance and practical engineering implementation. The journal thus encourages the submission of cutting-edge original research articles, critical reviews and state-of-the-art papers covering a broad spectrum of related engineering topics.

Key Topics

- Sustainable and Low-Carbon Construction Materials and Structures
- Concrete, Cementitious and Alkali-Activated Materials
- Steel, Timber, Masonry, Composite and hybrid Structures
- Structural Analysis, Design and Optimisation
- Experimental Testing and Structural Validation
- Durability and Whole-Life Performance
- Structural Assessment, Inspection and Condition Evaluation
- Structural Reliability, Safety and Resilience
- Structural Strengthening, Rehabilitation and Adaptive Reuse
- Structural Performance under Fire, Earthquakes, Impact, Blast and Climate Hazards
- Structural Health Monitoring, Sensing and Digital Twins
- AI and Data-Driven Structural Engineering
- Additive Manufacturing and Automated Construction
- Modular, Prefabricated and Emerging Structural Systems

