



INTERNATIONAL SUSTAINABLE ECOLOGICAL ENGINEERING DESIGN FOR SOCIETY







ONLINE AWARDS

TUESDAY 27TH AUGUST 2024

Al-Driven Sustainable Design: From Concepts to Real-World Applications

SEEDS 2024

HIGHLY COMMENDED

#482 – Unlocking Brownfield Project Delays by Leveraging on the Nexus of Digital Technologies: A

Review

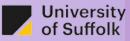
K'homotho Nester Mokhojane, Fidelis Abumere Emuze, John Smallwood











CIB TG96 - Accelerating Innovation in Construction

SEEDS 2024

WINNER

#474 - Sustainable 3D Printing for Construction: Cement Choices, Structural Components, and Real-World Insights

Vishaal Raghu Nath Dharmalingam, Anjali Santhosh Kumar, Jayjit Kachari, Mohan Dungrani & Arman Hashemi











CIB TG96 - Accelerating Innovation in Construction

SEEDS 2024

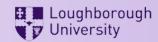
HIGHLY COMMENDED

#488– Internet of Things (IoT) Implementation in Malaysian Construction Industry

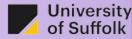
Sylvester L. Manege, Amera Irrisya Binti Fadzil Akhma, Adebusola Ateloye, Deogratias Aloyce











Data-Driven Ecological Engineering: Enhancing Sustainability through Digitalization

SEEDS 2024

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#531 – Seasonal Variations in Exposure to Indoor Air Quality in Existing UK Social Housing Dwellings

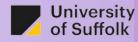
Rajat Gupta, Yuanhong Zhao











Data-Driven Ecological Engineering: Enhancing Sustainability through Digitalization

SEEDS 2024

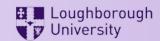
HIGHLY COMMENDED

#521 – The Role of Digital Workflows for Lowering the Climate Impact of Residential Buildings: a Case Study in Northern Sweden

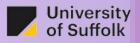
Marcus Sandberg, Sofia Lidelöw











Ethical Dilemmas in Ecological Engineering: Navigating Sustainability's Moral Landscape.

SEEDS 2024

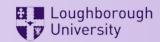
WINNER

#545 – Under the Concrete Cloak: Exposing the Construction Mafia's Hold in South Africa's Eastern Cape Industry

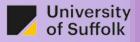
Ziyanda Siteto, Gerrit Crafford, Shemondalay Jonas











Future-Proofing Cities: Sustainable Infrastructure for Growing Urban Populations

SEEDS 2024

WINNER

#542 – Application Areas and Potential Benefits of Blockchain-Smart Contract in Infrastructure Public Private Partnership (PPP) Projects

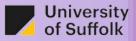
Emmanuel Chidiebere Eze, Ernest Effah Ameyaw, David Greenwood







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Future-Proofing Cities: Sustainable Infrastructure for Growing Urban Populations

SEEDS 2024

HIGHLY COMMENDED

#513 – Integrating DfMA and BIM for Sustainable Infrastructure: Industry Perspective

Chathuri Widanage, Ki Pyung Kim, J. Jorge Ochao, Ke Xing











Innovation and Tradition in Sustainable Organisation: A Holistic Approach

SEEDS 2024

WINNER

#572 – Determinants and Barriers in Facilities Management Innovations

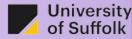
Albert Adusei, Chaminda Malalgoda, Eziri Hayat, Frederick Amoako Sarpong, Kwame Kyeretwie, Baffour Owusu Asare











Smart Cities and Environmental Sustainability: The Role of Digital Solutions

SEEDS 2024

WINNER

#557 – Investigating the Impact of BIM Implementation on Mitigating Construction Delays in Building Projects in Bangladesh

Asma Akter, Alireza Moghayedi

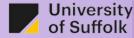






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Sustainability and Social Responsibility: Creating Equitable, Eco-Friendly Solutions

SEEDS 2024

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#481 – Environmental and Socio-Economic Effects of Oil Exploration: Strategies for Sustainable Regeneration of the Niger Delta

Oviemuno Otame, Julius Kofi Akotia and Mihaela Anca Ciupala







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Traditional Building Techniques Meet Modern Sustainability Standards

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HIGHLY COMMENDED

#530 – Assessing and Mitigating Building Defects in the UK Construction Industry: Trends, Causes, and Sustainable Solutions

Mark Wilson









