

## Editorial

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**Biographical notes:** Rita Yi Man Li is an associate professor in the Department of Economics and Finance at Hong Kong Shue Yan University. She established the Sustainable Real Estate Research Center and serves as its Director. She is rated as the World's Top 2% Scientist at Stanford University in 22 scientific domains and 176 subfields for all scientists (single year 2020–2022, career long 2022). Her primary areas of research interest are construction informatics, real estate economics, sustainability, and construction safety. She is on the editorial boards of numerous journals and has authored over 300 articles. She has received numerous national and international awards over the years. She serves as principal investigator (PI) and co-investigator (Co-I) for numerous academic research projects, which include highly competitive awards from government departments and quasi-public entities such as Public Policy Research Grant, ARC Linkage projects, and Research Grant Council. She is the chief editor of the *International Journal of Construction Economics and Sustainable Real Estate*.

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Over the past few decades, politicians, groups, and academics have been increasingly concerned about the effects of the environment (Hu et al., 2023). This regular issue of the *International Journal of Sustainable Real Estate and Construction Economics* includes several thought-provoking articles that further sustainable practices in the real estate and construction industries. Every paper presents fresh viewpoints and insightful analysis on essential subjects. We hereinafter highlight some of these outstanding contributions.

'Evaluating causality between petroleum and gas and construction sectors in developing economies' by Najimu Saka and Dorcas Titilayo Moyanga investigates the causal relationship between Nigeria's gas and petroleum sectors and the construction industry by analysing time series data collected over 37 years.

Although there are many advantages to sustainable construction for the environment, there are also a number of issues with the professional practice of sustainable building, such as awareness, actions, and barriers (Jaradat et al., 2024). 'Key performance indicators of sustainable housing projects in Lagos State, Nigeria' by Feyisetan Leo-Olagbaye throws light on eco-friendly home development initiatives. Offering insightful information to stakeholders in sustainable housing development, the article identifies and analyses important performance metrics that support the housing projects sustainability by studying 209 survey responses.

In ‘Appraisal of project financing options by construction small and medium-sized enterprises in the Nigerian built environment’, Shehu Isah Yesufu, Abubakar Zakariyya Al-Hasan, Yakubu Gimson Musa-Haddary, Shaka Momoh, and Nurudeen Ibrahim Momoh investigate project finance choices for small and medium-sized construction companies. The study offers recommendations for choosing the best solutions to assist the expansion and prosperity of construction SMEs by analysing different funding sources, such as Islamic and commercial banking, World Bank etc.

Some instructors and textbooks emphasise the mix of theoretical and practical learning as students gain a knowledge of the constituent parts of each equation, largely relying on the usage of equations and time value of money tables to explain the fundamental principles (McGrath et al., 2023). Yet, what are the latest practical uses of the concept time value of money in real estate industry? A useful software tool for evaluating loan-based real estate investments is presented by ‘Advanced excel programming of time value of money in the context of real estate financing’ by Adedeji Badiru and Andreas Mertens. With the help of this cutting-edge tool, practitioners and researchers may conduct computational and visualisation analysis to better understand how the time value of money affects real estate investors.

Lastly, among the industries that produce a lot of waste and dispose of it in landfills is the construction and demolition activities (Li and Li, 2018; Li, 2015). In Australia, landfills receive around 40% of the garbage from construction and demolition projects (Li, 2015) and thus there are different researches that throw light on waste. For example, Sun et al. (2023) develop shotcrete based on industrial waste. In the article ‘Implementing building projects: considering construction waste, uncertainties and cost overruns’ by Susan Watundu, Avuni Alfred, Noah Mwelu, Lihoya Chamwali, and Gideon Nkurunziza, it investigates the connection between construction waste, unpredictability, and overruns in Ugandan building projects. The results from 73 companies reveal that construction waste and uncertainty cause overruns.

We sincerely thank the reviewers for their crucial assistance in upholding the journal’s high standards and the authors for their meticulous research. These outstanding papers have been published in large part because of their knowledge and commitment.

We, the editors of the *International Journal of Sustainable Real Estate and Construction Economics*, cordially welcome scholars, professionals, and interested parties to read these articles closely, participate in insightful dialogues, and consider potential avenues for further study and advancement. Together, let us strive for sustainable development in the real estate and construction sectors.

We appreciate your on-going support and look forward to your insightful input on how sustainable real estate and construction economics develop in the future.

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