

## Editorial

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### Editorial

This issue of the Journal of Design Studio features one book review, eight research articles, three review articles, and one design studio case study. Among the research articles, seven are peer-reviewed papers presented at the MİTA 2024 National Symposium on Architectural Design Research. I would like to extend my gratitude to Assoc. Prof. Dr. Güliz Özorhon and Assoc. Prof. Dr. İlker Fatih Özorhon, who served as guest associate editors for the evaluation of these articles. Additionally, the Journal of Design Studio has recently been indexed by ERIHPLUS.

The first article in this issue, titled "Contextualizing Co-Working Spaces: User Participatory Approach in Architectural Design Studio" by Ekrem Bahadır Çalışkan and Çiğdem Koç Aytekin, explores the impact of user participation and the limitations of actor diversity, with a specific focus on the university campus area within a new and emerging context.

The second research article, "Systems Thinking as a Methodological Approach to Study Infrastructure Space in Architectural Design Education," is written by Derin İnan, Başak Uçar, and Onur Yüncü. This paper discusses the outcomes of integrating systems thinking into architectural education, particularly the reconceptualization of 'infrastructure space' as a useful tool for addressing the complex structures of urban environment

Cansu Günaydın Donduran, Altuğ Kasalı, and Fehmi Doğan authored the third research article, "Artificial Intelligence as a Pedagogical Tool for Architectural Design Education." This study explores the impact of AI on design pedagogy, offering insights into how these developments are shaping the evolving landscape of architectural education and contributing to ongoing debates about AI's role in the field of design and architecture.

The next article, "Bibliometric Analysis on Artificial Intelligence Aided Architectural Design," is written by Fulya Pelin Cengizoğlu. This study aims to explore the role of AI applications in architectural design. The paper presents a bibliometric analysis of 137 articles related to AI in architectural design, published between 1991 and 2024, using the Web of Science (WoS) database.

"Integrating Text-to-Image AI in Architectural Design Education: Analytical Perspectives from a Studio Experience" is the title of the article by Sinem Çınar and Melek Demiroz. This paper examines the integration of AI, specifically text-to-image tools, into architectural design education, focusing on their application in a third-year design studio project at Atılım University.

The following research article in this issue is titled "First-Year Architectural Design Studio in Action: Insights from the 'Timberscapes' Design-Build Experience," written by Göksun Akyürek, Nilay Ünsal Gülmez, and Ayşe Eda Adıgüzel. This paper examines a case study that highlights the creation of a dynamic negotiation environment in a first-year architectural design studio, as well as the practical limitations and future implications of the applied process.

The article titled "Material !Ndeed: Workshop Series as a Hyper-Focus Niche at the Intersection of Material Selection and Architectural Design Tools" is authored by Yağdır Çeliker Cenger and Aslihan Ünlü. This study explores the "Material !Ndeed" workshop series conducted during the summer semesters of 2021-2022 and 2022-2023 at Özyeğin University's Faculty of Architecture and Design. The research assesses the influence of these workshops on design education, emphasizing the hyper-focused learning approach and the educational methods employed.

The article "Starting in the Middle: A Method Trial," written by Erdem Üngür and Aygen Erol Çakır, examines the outcomes of the 2015 "Architecture Schools First Year Studio Meeting II" workshop. It documents and analyzes the curriculum of the MIM121 Architectural Design I studio, reflecting on the studio's unique perspective and approach. Ten years after the workshop, which identified the challenges and objectives of first-year architecture studios nationwide, the authors aim to evaluate their own studio within the context of the workshop's results, contributing to its findings.

Seyedehzahra Shafa authored the research article titled "Ranking of Smart Building Design Factors with Efficient Energy Management Systems and Renewable Resources." The study seeks to rank the design factors of smart buildings, focusing on efficient energy management systems and renewable resources. The research is applied and objective in nature, utilizing a descriptive-survey approach for data collection.

The next article, authored by Duygu Beykal İz and G. Zeynep Karapars, is titled "Measures of Information Visualizations in Design Studio Education: Designing Climate Change Visualizations." This study enhances the fields of information visualization and communication design by proposing measures to improve climate change visualizations and offering insights for teaching these concepts in communication and graphic design studios.

"A Comparative Study on Philosophy, Epistemology, and Methods of Teaching in Design Studios in the Beaux Art, Polytechnique, and Bauhaus: Regeneration, Development, or Transformation?" by Rahman Tafahomi aims to investigate philosophical and epistemological foundations in collecting knowledge in three important schools of architecture including Beaux Art, Polytechnique, and Bauhaus.

Seyedehzahra Shafa is the author of the review article, "Smart Materials in Green Architecture: The Role of ETFE and Phase Change Materials in Sustainable Building Design." This article introduces intelligent materials, focusing on their applications and benefits in green building architecture, with an emphasis on their performance and behavior in architectural designs, based on library studies.

The review article "Sustainable Fabric Manufacturing: The Crochet Experience," authored by Ngozi Kesiah Okeke, advocates for teaching crochet skills to local textile manufacturers as a sustainable alternative to conventional fabric production processes. The approach aims to reduce the environmental impact of traditional methods while providing job opportunities for unemployed youth in Nigeria.

Rabbia Tanveer authored the Design Studio Case article, "Teaching Aperture Design in Architecture: A Pedagogical Approach to Illumination, Structure, and Space." This study examines the application of experiential learning models in architecture, demonstrating that hands-on design tasks, supported by interdisciplinary faculty, can significantly enhance students' technical and conceptual knowledge.

Finally, Yasemin Erkan Yazici reviews the book "Traditional Window Designs of Kırklareli, Turkey," authored by Nevnihal Erdoğan and İzzet Yüksek, and published by Bentham Science Publishers in 2013. The review provides a comprehensive overview of the book and its content.