

Editorial

Mehmet Topçu (Editor in-Chief)

JOURNAL of DESIGN for RESILIENCE in ARCHITECTURE and PLANNING (DRArch) has published Volume 3 issue 3 with articles of high scientific quality. This issue includes articles under main headings. The first group focuses on micro scale with interior space, while the second group focuses on urban conservation at the macro scale. The third group of articles examined the relationship between the concept of resilience and technology. The last group is about education, which we care to take place.

Volume 3 Issue 3 begins with a study titled as “New Possibilities of Living Together in Post-Humanist Society: Interior and Furniture Design for Pets” written by Neşe Başak Yurttaş and Damla Altuncu. We think that this study analyzes a fairly new and universal issue. The hypothesis of this study, in which current examples of interior and furniture designs suitable for the physical needs of pets, whose numbers are increasing day by day, are discussed with an inclusive approach in interior architecture; It has been determined as 'when the interiors where pets live are redesigned according to the characteristics of the animals, ergonomics is provided for 'all living things' in the common living areas. The subject of common living space in the literature; Although it has been investigated in interdisciplinary fields such as cognitive psychology, zoology, and architecture on topics such as biodiversity, sustainability, animal welfare, and animal behavior, the subject of 'space organization of shared living spaces shared with domestic animals' as a new approach in the field of interior architecture has not been sufficiently discussed. The second article is also deal with interior design just like the first study. “Spatial habits in residential kitchens and the searches for flexibility in kitchen design” has been prepared by Eren Can and Mahmut Atilla Söğüt. Flexibility, which can be considered in many ways, is examined in this article with the space organization, equipment/outfit and time in kitchen design. In the study, it is argued that while it is possible to develop more creative and multifunctional kitchen solutions in changing square-meters, it is due to the imitation of the same plan templates of build-and-sell managerships in the apartment building process in big cities.

Mert Nezih Rifaioğlu prepared an article in the second group which focuses on urban conservation at the macro scale. The article titled as “Interpreting living urban-industrial heritage: The Jewellery Quarter, Birmingham” focuses primarily on the critical viewpoint of theoretical content of the interpretation of cultural heritage sites. In the light of theoretical and practical knowledge, the research then concentrates on key themes and discussions on heritage interpretation in the UK. Accordingly, the research discusses the interpretation strategies in the Jewellery Quarter, Birmingham which is the one of the most influential areas by means of historical urban-industrial heritage site.

Gülçin Kahraman and Ümit Turgay Arpacioğlu made research dealing with urban conservation in macro scale similar to Rifaioğlu. The article is “Conservation problems of rural architecture: a case study in Gölpazarı, Anatolia”. The purpose of this study is to determine the rural architectural heritage that is about to disappear, preserving, and developing policies to increase the interest in rural as a representative settlement Gölpazarı which has been an important settlement from prehistoric times until today in Central Anatolia. In this study, the rural architectural heritage and conservation problems of Gölpazarı and its villages were evaluated. “Exploring Lost Spaces towards Regaining Them for Urban Life: The Case of Konya Historical City Center” is in the same group prepared by Kadriye Topçu and Büşra Ünal. The aim of the study is to identify the lost spaces in the historical city center of Konya city, which was chosen as the sample area, and to identify the urban space(s) that should be intervened in with priority among the identified lost spaces.

Özlem Sümengen and Gamze Merve Şengönül shared with us a study that will be important for technology and standards. “Investigation of daylight performance in traditional residential buildings in the context of EN- 17037 standard - Sivas Hubiyar Korucu Mansion” focused on daylight penetration in traditional Turkish houses in the context of EN-17037 and a traditional Turkish house evaluated as case study. As a result of the evaluation made in the context of EN 17037 standard, attention was drawn to the importance of openings as windows in traditional Turkish houses.

Another interesting paper titled as “Leveraging discrete event simulation modeling to evaluate design and process improvements of an emergency department “comes from Zahra Zamani. This research intends to exemplify the practical application of the Discrete Event Simulation (DES) approach for evaluating the

effectiveness of suggested processes and design modifications in improving the existing bottlenecks of an Emergency Department. Mehmet Cetin and Osama B Muragaa Alrabiti contributed to this issue with the following article “Determination of appropriate areas in terms of bio comfort by using summer temperature index with the help of GIS throughout Ordu province”. The paper aims to determine the suitable and unsuitable areas in terms of bio comfort in summer by using New Summer Index throughout Ordu province via GIS.

The last article belongs to last group namely education. Alperen Meral, Emrah Yalçınalp, and Özgür Demirci researched a question they expressed in the title. The title is “Who is designing for whom? A critical design studio approach”. Studio studies can easily be defined as the cornerstone of the discipline in departments giving architectural education. Although the educational process differs in educational institutions and among the educators, its main purpose is always to give the best experience on design process to the students and to bring together different space designs and functions with certain criteria. The aim of this research is to examine whether the projects differ in terms of functionality regarding their different user profiles determined by the students, based on the studio work of Karadeniz Technical University, Department of Landscape Architecture within the scope of Environmental Design and Project II course. As a result of the examination, it has been determined that although the designer and customer profile are different, the morphological differences in designs are not perceived very easily, which means the methodology in the studios should be examined again.

As the DrArch editorial team, our motivation is increasing with the interest of readers. As the editor-in-chief of DRArch, I would like to extend my deepest gratitude the intense interest of researchers and the care of our referees. Enjoy your reading,

best regards...

Following names that provided valuable contribution as referees of articles in this issue are:

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DRArch's objectives are:

- to question how future building technologies are revolutionizing architectural design, city planning, urban design, landscape design, industrial design, interior design and education,

- to catalyze the processes that lean on interdisciplinary and collaborative design thinking, creating a resilient thinking culture,

- to improve the quality of built environment through encouraging greater sharing of academicians, analysts and specialists to share their experience and answer for issues in various areas, which distributes top-level work,

- to discover role of the designers and design disciplines -architecture, city planning, urban design, landscape design, industrial design, interior design, education and art in creating building and urban resilience,

- to retrofit the existing urban fabric to produce resilience appears and to support making and using technology within the building arts,

- to discuss academic issue about the digital life and its built-up environments, internet of space, digital in architecture, digital data in design, digital fabrication, software development in architecture, photogrammetry software, information technology in architecture, Archi-Walks, virtual design, cyber space, experiences through simulations, 3D technology in design, robotic construction, digital fabrication, parametric design and architecture, Building Information Management (BIM), extraterrestrial architecture, , artificial intelligence (AI) systems, Energy efficiency in buildings, digitization of human, the digitization of the construction, manufacturing, collaborative design, design integration, the accessibility of mobile devices and sensors, augmented reality apps, and GPS, emerging materials, new constructions techniques,

-to express new technology in architecture and planning for parametric urban design, real estate development and design, parametric smart planning (PSP), more human-centered products, sustainable development, sustainable cities, smart cities, vertical cities, urban morphology, urban aesthetics and townscape, urban structure and form, urban transformation, local and regional identity, design control and guidance, property development, practice and implementation.

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