

## **Editorial**

*Mehmet Topçu (Editor in-Chief)*

JOURNAL of DESIGN for RESILIENCE in ARCHITECTURE and PLANNING (DRArch) has published Volume 5 Issue 1. DRArch commenced its publication journey with enthusiasm and clear goals.

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In this issue the first article is written by Seda Buğra Tekinalp, Ayşe Şentürer. The title of this article is “Evaluating public spaces through the concept of other: A heterotopic approach”. This study offers a critical evaluation and an alternative urban reading method for public spaces in the contemporary architectural environment by examining the presence of different identities in different spaces through the concept of heterotopia and its expansions. The exploration of heterotopia as an instrument and its methodological application in the analysis of public spaces highlights the pursuit of culturally resilient urban environments that are adaptable and meaningful for all users. Therefore, the study formulates a systematic evaluation method for public spaces by incorporating a comprehensive methodology that integrates both theoretical exploration and practical observations. This study will contribute to architectural discourse by offering a new perspective on how public spaces can be designed or reimagined to accommodate and reflect the diversity and dynamism inherent in contemporary urban life and offers a pathway for crafting public spaces that are resilient to social and cultural flux while serving as platforms for diverse community engagement.

Another interesting paper deals with theory titled as “Plant selection for rain gardens in mild climates: Suggesting a rain garden design” by comes from Burçin Burcu Doğmuşöz. The research focused on exploring the importance of carefully choosing plants for rain gardens, aiming to help in selecting the most suitable flora and creating visually appealing, resilient, and ecologically important landscapes. For this purpose, Izmir Katip Celebi University was selected as a study area. This study, conducted in Izmir province, will enrich existing literature and provide municipalities with crucial guidance in plant selection in a rain garden project, offering valuable insights.

Thinking and discussing about education has always been one of the priority foundations for DRArch. We are publishing two valuable researches on education. The first one is “Reflective thinking and self-assessment: A model for the architectural design studio” written by Cemile Sanem Ersine Masatlıoğlu and Özge Can Balaban. In this article, the authors reveal and reflect on an enriching pedagogical approach to the traditional architectural design studio. It is acknowledged that students develop comprehensive examination and internalization abilities by developing reflective thinking and self-evaluation abilities that complement each other. The fundamental questions are: How can a reading-discussion setup designed to nurture disciplinary literacy in the design studio be a factor in developing reflective thinking ability? How can the systematic peer assessment exercise be a factor in the students' self-assessment and reflective thinking skills as a learning outcome? The results argue for the effects on students' intangible skills. The aim is to contribute to the theory of education by making the model application in the field of architectural design studio accessible and reflective for other educators. The article titled as “Can basic design be the base of urban planning education? A case-oriented quantitative measurement model” written by Dalya Hazar, Görkem Gülhan and Bekir İnce. The study of design is considered as a scientific activity; however, the integration of urbanism with design thought has remained limited, which can easily be observed in the contemporary urban areas, especially in the developing countries. Thus, increasing design thinking ability and the integration of spatial planning should be a priori within urban planning and design education, and thus be practiced preventing the emergence of chaotic urban spaces. The research model is a case study, based on the relational analysis of quantitative data, which quantitatively propounded that the relationship between two different teaching processes is linear and positive.

Rumeysa Tuna Sayın and Fatih Semerci has prepared the article titled as “Analysis of the facade and spatial quality of educational buildings of the first national architecture period: The case of Konya”. In the last years of the 19th century, architects who were under the influence of the nationalist ideas that developed in the last years of the 19th century and were strengthened with the declaration of the constitutional monarchy, led to the emergence of the First National Architectural Period as a reaction. They also considered this period as an eclectic architectural style in which they reinterpreted the facade, plan and ornamental elements of Ottoman and Seljuk architecture with Western construction techniques. Educational buildings are an important group among the new types of buildings constructed in Konya, which has maintained its political and cultural importance throughout history. In this study, the façade and spatial quality analyses of the Sanayi Mektebi, Male Teachers' High School (Dârü-l Muallimin), Girl Teachers' School (Dârü-l Muallimat) and Gazi Mustafa Kemal, Hakimiyet-i

Milliye and İsmet Paşa Primary Schools, which are among the educational buildings built during the First National Architectural Period and which contributed to the identity of the city of Konya, were examined.

Hüseyin Özdemir's paper "Investigation of social change in cities after participation in cittaslow union in Ordu-Perşembe district" presents a case study of the social changes brought about by participation in the Cittaslow Union in cities. This study on the effects of the Cittaslow Union in the Perşembe district can be considered an important step in promoting sustainability and social participation in cities.

The last article is "Drivers of socio-spatial change in Istanbul: Historical and longitudinal analysis of 5 cases from Bakırköy" written by Sevgiye Sönmez Özdemir and Gülden Erkut. This article aims to reveal the social and spatial change in Bakırköy through time and to identify the drivers behind this transformation. The decentralization of industry and the privatization or transformation of public investments into consumption-focused urban areas through public-private partnerships have also been observed. The study aims to prove that this change in space lays the groundwork for social differentiation. We believe in the strong relationship between the concept of resilience and education, which is necessary when designing the places, cities, and lives of our future. I would like to extend my deepest gratitude to all participants and all our readers for the support they provide to the Journal. And I would like to a special thanks to the referees. We look forward to your comments, contributions, suggestions, and criticisms.

We believe in the strong relationship between the concept of resilience, characterized by the swift recovery from challenges through adaptive capacities, is at the heart of our exploration. DRArch goes beyond the traditional boundaries of resilience design, delving into the uncharted territories of future design in our ever-evolving world. DRArch stands at the forefront of innovation and foresight in the realm of design. As we navigate the complexities of the modern world, our commitment to anticipating the future, embracing sustainability, and integrating technological advancements with inspiration and aesthetics remains unwavering. DRArch serves as a catalyst for collaboration, providing a dynamic forum that bridges existing design knowledge with a futuristic approach. In essence, DRArch is not just a journal; it is a testament to our collective vision for a resilient, sustainable, and inspiring future. Join us on this transformative journey as we continue to shape the narrative of design for resilience, pushing boundaries and fostering a community of building a brighter tomorrow. I would like to extend my deepest gratitude to all participants and all our readers for the support they provide to the Journal. And I would like to a special thanks to the referees. We look forward to your comments, contributions, suggestions, and criticisms.

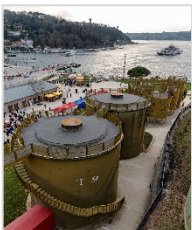
Best regards...

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*\*sorted by last name*



Cover photo: Image copyright ©Sena Özfiliz, Milano, (March 2024). The image on the left is detail "Çubuklu Silos: Abandoned fuel tanks transformed to culture and art space; Çubuklu, İstanbul"

## **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,

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- 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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