

## Editorial

*Mehmet Topçu (Editor in Chief)*

The *Journal of Design for Resilience in Architecture and Planning (DRArch)* is pleased to present Volume 7, Issue 1, continuing its commitment to advancing high-quality, interdisciplinary, and forward-looking research at the intersection of architecture, planning, and resilience. In a period marked by environmental uncertainty, technological acceleration, and shifting socio-spatial paradigms, this issue brings together a diverse body of work that collectively reconsiders how space is conceived, experienced, and transformed.

This issue opens with the review article by **Eda Nur Aydemir Kutluer** and **Betül Bakır**, titled “*Human health oriented design approaches in office buildings: Salutogenic model.*” The authors develop a holistic framework that repositions architectural design as an active agent in promoting physical, psychological, and social well-being. By adopting the salutogenic perspective, the study moves beyond risk-oriented approaches and contributes a comprehensive model for health-centered office environments.

The first research article, “*Symbiotic spatiality in domestic interiors: A spatial model for human-animal cohabitation*” by **Neşe Başak Yurttaş**, challenges anthropocentric spatial paradigms by conceptualizing domestic interiors as multispecies environments. The proposed symbiotic spatial model offers a novel analytical framework in which spatial hierarchies, circulation patterns, and boundaries are redefined through human–animal coexistence, contributing to emerging posthumanist architectural discourse.

This is followed by the study “*A framework to design and implement cross-platform WebVR walkthrough for a Chettinad heritage building*” by **Antony Zharon, Ajith Paul, Balakrishnan C, Biju Kunnumpurath and Anitha Suseelan**. The article presents a systematic workflow for creating immersive virtual environments that enable remote access to heritage sites. By integrating WebVR technologies into architectural documentation and interpretation, the study highlights the potential of digital tools to support conservation, accessibility, and sustainability.

In “*Bilateral relations of tectonics through physical models: Anchoring architecture to the site,*” **Bilgen Dündar** and **Aslı Uzunkaya** revisit tectonics as a generative design concept. Through the use of physical models within an educational framework, the study foregrounds the reciprocal relationship between site and architectural production, proposing a methodology in which tectonics becomes a critical and operative component of the design process.

The pedagogical dimension of resilience is further explored in “*Designing resilience in historical environments: A pedagogical analysis of a ‘healing’-themed studio*” by **Begüm Demiroğlu İzgi** and **Ayşegül Koç Ünlüsoy**. Focusing on a design studio set in a historical context, the study demonstrates how architectural education can foster socio-spatial awareness, collective memory, and spatial healing. The findings reveal measurable improvements in students’ cognitive and perceptual engagement, underlining the transformative potential of resilience-oriented pedagogy.

The issue then turns to vernacular heritage with “*Rock-cut vernacular architecture in northeastern Kayseri: Architectural characteristics and conservation challenges*” by **Bahar Elagöz Timur** and **Özlem Kevseroğlu Kurban**. This study documents the intricate relationship between geology, construction techniques, and cultural practices, while addressing pressing conservation challenges. By emphasizing both tangible and intangible heritage values, the research advocates for adaptive and community-based preservation strategies.

Urban identity and competitiveness are examined in “*The city branding potential of Sakarya: A tourism-oriented evaluation*” by **Esra Parıldı** and **Güliz Öztürk**. Through a mixed-methods approach, the study evaluates the role of natural, cultural, and infrastructural assets in shaping city branding processes, highlighting the importance of stakeholder participation and integrated planning strategies in enhancing urban identity.

Sustainability in rural contexts is addressed in “*The importance of local materials in sustainable rural planning: Case of Gelemiş*” by **Figen Altınır** and **Ayşegül Ağan**. The study emphasizes the ecological and cultural significance of local materials, particularly adobe, in achieving low-carbon development and preserving regional identity. By integrating climatic, geological, and socio-cultural parameters, the research underscores the relevance of traditional knowledge systems in contemporary sustainable planning.

The issue continues with “*From rural landscapes to urbanized shores: Rurbanization and second-home dynamics in the Lake Van region*” by **Berfin Karabakan Gökhan** and **Yelda Mert**. This study investigates the transformation of rural landscapes under the influence of second-home developments, revealing patterns of spatial clustering, land-use change, and socio-economic restructuring. The findings contribute to a deeper understanding of hybrid rural–urban dynamics and the need for strategic planning interventions.

Finally, the issue includes “*Cost analysis and feasibility of green building adaptation in low-rise residential housing: Evidence from Türkiye*” by **Zübeyde Özlem Parlak Biçer, Merve Bıyıklı Hasözhan, and Nurbanu Şahin**. This study evaluates the economic and environmental implications of green building practices, demonstrating that while initial costs may be higher, long-term benefits in energy efficiency and sustainability provide a strong case for their broader adoption. By offering localized empirical evidence, the research contributes to the ongoing discourse on sustainable housing and policy development.

Collectively, the contributions in this issue expand the understanding of resilience as a multidimensional concept that transcends environmental response to encompass health, coexistence, pedagogy, heritage, and spatial transformation. From multispecies domesticity to immersive heritage technologies, from vernacular landscapes to hybrid rural-urban territories, the articles reflect a wide spectrum of approaches that reframe architectural thinking in response to contemporary challenges.

As DRArch continues to provide a platform for critical inquiry and interdisciplinary dialogue, we invite readers to engage with these studies, reflect upon their implications, and contribute to the evolving discourse shaping the future of resilient design and planning.

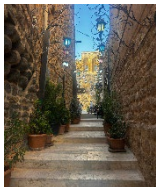
We extend our sincere gratitude to all authors, reviewers, and contributors for their valuable efforts and dedication. We hope this issue inspires further research, collaboration, and innovative thinking toward more adaptive, inclusive, and sustainable built environments.

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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