

Special Issue:

Age of Disruption

Dossier Editor

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Editorial

We are living in an age of disruption, where rapid changes in technology, society, and the environment are transforming the way we live, work, and plan for the future. In this context, the concept of resilience has become increasingly important, as we seek to build systems and structures that can withstand and adapt to the challenges of our time. This special issue of the Journal of Design for Resilience in Architecture and Planning explores the various dimensions of resilience in the built environment, showcasing innovative approaches and insights from researchers and practitioners around the world. The articles in this issue cover a wide range of topics, from the impact of alternative workplace strategies on regional property markets to the role of slow cities in promoting sustainable urban planning.

The first article, "Office Market Adjustment to Alternative Workplace Strategies" by Hannum, explores the impact of alternative workplace strategies on regional property markets and the economy using a Computable General Equilibrium (CGE) model. The findings highlight the need for a policy approach focused on vacancy reduction to restore equilibrium after a sudden shock in office space demand.

Sezgin et al. present an integrated and inclusive methodology for municipal resilience against multiple crises in their article. By evaluating the transformation of the RESLOG-Türkiye Project's resilience assessment methodology, the authors demonstrate how a holistic approach can be used to assess the impacts of the 6th February earthquakes on local governments.

In "Embracing the Slow Life: Assessing the Performance of Türkiye's Slow Cities in Promoting Resilient and Sustainable Architecture," Akşit et al. examine the role of the Cittaslow movement in promoting sustainable urban planning. The study analyzes the membership criteria of selected slow cities in Turkey and concludes that integrating these criteria can lead to a sustainable city development model.

Erdem et al. present "A tale of Aliğa: Transformation from a farm to an industrial hub," which analyzes the industrialization, capital concentration, and spatial transformation processes of Aliğa district in İzmir, Turkey. The study contributes to the literature by examining how capital accumulation affects spatial change and transformation.

Dökmeci et al. investigate the spatial distribution of coffee shops in Istanbul in their article "The Evolving Landscape of Istanbul's Coffee Shops: Navigating Disruption in a Changing Urban Environment." The authors find that the location of coffee shops is influenced by a district's social life index and the proportion of its population aged over 65, and suggest further research on the balanced distribution of coffee shops with respect to other small businesses.

"Modeling Demand Factors for Sustainable Reconstruction: Insights from Türkiye's Earthquake-Affected Real Estate Market" by Önem et al. explores the potential for low carbon investments in the real estate sector to drive recovery and redevelopment in disaster-affected areas. The study offers valuable insights for promoting sustainable and resilient reconstruction efforts.

Aşut et al. present a theoretical discussion on the need for digital design environments that strengthen our relations with the tangible, tacit, and implicit dimensions of design cognition in their article "A theoretical framework on embodiment in digital design." The authors argue for the development of digital design tools that accommodate designers' tacit ways of knowing through intuitive and embodied interactions.

Finally, Kisack et al. examine the level of participation in land development stages using the case of Homeruskwartier in Almere, Netherlands. The study finds that the stage with the highest participation is the construction focused on self-organization and that participation is not concentrated in a single stage in projects designed to meet social housing needs.

We hope that this special issue will contribute to the ongoing discourse on resilience, sustainability, and the built environment, and inspire further research and practice in this critical field.

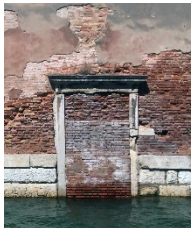
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DRArch's objectives are:

- 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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