

# Assessing the quality of the built environment for developing innovative urban renewal strategies for urban peripheral areas

Hadas Shadar and Dalit Shach-Pinsly

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## ABSTRACT

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The article deals with urban renewal as a community resilience strategy in the rural periphery and the characteristic structures of public neighborhoods built in the 1950s and 1960s. In these structures, development is directed towards green and internal areas, surrounded by wide roads, stemming from the rejection of urbanity that prevailed in those years. The article proposes a new methodology for urban renewal in these cities through new construction and the introduction of a new population, without harming the existing population and its neighborhood spaces, especially without undermining the community resilience that has developed over the years and is typical for peripheral communities. As its methodology, the article proposes examining the existing urban environment through quantitative tools for assessing the quality of the built environment. These tools have been developed in the last twenty years without application in a structured pre-occupancy built environment evaluation method. The article therefore proposes a methodology with four quantitative tools, emphasizing high connectivity and walkability potential, enhancing the sense of security, diversity of urban spaces, and providing a view to the open landscape. Using these tools, the article argues, it is possible to examine the existing environment, and if the desired qualities are found in it, urban renewal can be initiated, based on a new spatial network for the use of new residents. At the same time, it is imperative to reinforce the resilience and ensure the preservation of the current community.

**keywords:** Urban Renewal, Periphery, Community, Built Environment Evaluation

*Hadas Shadar is an architect and Associate Professor in the School of Design at the University of Haifa, and researches public housing, including new towns, in Israel. Her book, The Building Blocks of Public Housing (2014, 2018), reviews the urban design of cities and neighborhoods initiated by the state during its first sixty years. Her book, Arad – an Experimental Town (2022) is devoted to the uniqueness of Arad in Israeli planning.*

[hadass2@013.net](mailto:hadass2@013.net)

*Dalit Shach-Pinsly, PhD., is a researcher and senior lecturer at the School of Design, University of Haifa. She is an architect and urban designer who uses contemporary quantitative methods and data-driven tools to research the qualities of urban environments. Her research focuses on evaluating and measuring qualitative aspects of the built environment such as the sense of security, privacy, visibility, and walkability. She was a Marie-Curie postdoctoral researcher and a partner in several international European Union-funded research projects.*

[dalitspa1@gmail.com](mailto:dalitspa1@gmail.com)