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ABSTRACT BOOK

Rethinking Open and Green Spaces in Architecture and Urban Realm After COVID-19 Pandemic: The Case of Istanbul

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Abstract

The impact of the global COVID-19 pandemic process on cities and urban life and the inclusion of social distance in our lives have opened up the importance of open and green spaces in architecture and urban realm to debate again. With the pandemic process, the time we spend in our homes and in our immediate surroundings has increased. This has also differentiated and diversified our expectations from both our home and the region where our home is located. Open and green spaces, which were not at the top of our priority list before the pandemic and uses that meet our outdoor needs such as gardens, terraces or at least balconies in homes have gained much more importance. Therefore, these needs have begun to cause changes in both residential architecture and urban planning. The aim of this study is to compile the design criterias of the increasing need for open and green spaces in architectural design and urban realm during the pandemic process and to present architectural and urban design examples applied in this direction. First, examples from various cities of the world will be presented and then the examples applied in Istanbul will be presented and analyzed. As a result, open and green spaces have many health benefits, such as longer life expectancy, fewer mental health problems, better cognitive functioning and better mood, and the need for these benefits has reached the highest level during the pandemic period. Considering the possibility of repetition of such global pandemics, the fact that it is always necessary to be prepared has been encountered. Even if the pandemic process is over, the design criterias mentioned in the study should continue to be applied on an architectural and urban scale.

Key Words: *COVID-19, design criterias, green spaces, open spaces, pandemic*