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An Evaluation OF Biophilic Design Parameters in Hospital Buildings

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Abstract

In the current Covid-19 global epidemic process, the importance of access to nature and open spaces for people's psychological, social and physical health has been felt once more. The innate emotional attachment of human to nature and the living things in nature is called as "biophilia". Biophilic design stands out as an approach that integrates nature into the buildings in which people live in order not to break the human-nature relationship. In the literature, the number and quality of studies on how biophilic design parameters can be applied in the discipline of architecture are increasing. In this study, it has been investigated how the design parameters developed for the application of biophilic design in the field of architecture can be transferred to indoor-outdoor spaces in hospital buildings. Selected hospitals from Turkey and foreign countries have been evaluated through six basic biophilic parameters defined by Kellert (2008) and how these parameters have been used is investigated. Results shows that with the successful application of biophilic design principles, the potential to transform hospital buildings into healing spaces will increase.