



Increasing users occupation rate and comfort in a hot arid area through the evaluation of the outdoor urban spaces thermal environment, Environmental Science 2021

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Abstract

The present research aims to evaluate the urban thermal environment in an arid area to enhance users comfort conditions. Our hypothesis is to correlate between air temperature degree and occupancy rate. Our idea is to conduct simultaneously measurement campaigns and questionnaires in urban districts that constitute the city; these representative samples are composed of: traditional, colonial and contemporary district to gain the maximum of sought after information to verify correspondence degree of the results between quantitative and qualitative indicators that have an impact on the thermal environment and outdoor space occupancy, linking cause and effect..

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