

**IMPACT OF LANDSCAPE DESIGN ON USER'S SATISFACTION  
IN THE DESIGN OF A RECREATIONAL CENTRE,  
PORTHARCOURT**

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**SEPTEMBER, 2021**

**IMPACT OF LANDSCAPE DESIGN ON USER'S SATISFACTION  
IN THE DESIGN OF A RECREATIONAL CENTRE, PORT  
HARCOURT**

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SCIENCE AND TECHNOLOGY, COVENANT UNIVERSITY, OTA,  
OGUN STATE, NIGERIA**

**SEPTEMBER, 2021**

## **ACCEPTANCE**

This is to attest that this dissertation is accepted in partial fulfilment of the requirements for the award of the degree of Master of Sciences in Architecture in the Department of Architecture, College of Sciences and Technology, Covenant University, Ota, Nigeria.

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## **DECLARATION**

I, **AJAGBA PRINCE BENSON (15CA03323)** declare that this research was carried out by me under the supervision of Prof. Oluwole A. Alagbe of the Department of Architecture, College of Science and Technology, Covenant University, Ota, Nigeria. I attest that the dissertation has not been presented either wholly or partially for the award of any degree elsewhere. All sources of data and scholarly information used in this dissertation are duly acknowledged.

**AJAGBA PRINCE BENSON**

.....

Signature and Date

# **CERTIFICATION**

## **DEDICATION**

This project is dedicated firstly to God Almighty, for his unending favor, faithfulness, strength, grace, and wisdom to undertake this task. Secondly, to my parents, Dr. Caleb and Dcns. Arinola Ajagba for their continuous support both financially and spiritually and my siblings. Thirdly, to my supervisor Prof. Oluwole A. Alagbe for his guidance through the course of undertaking this research. God bless and reward you all.

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## ABSTRACT

Recreational centres provide the urban population with spaces that promote physical and recreational activities. Thus, there are various factors that can aid in promoting users' satisfaction in these centres besides the facilities in the centres like the landscape design in this context. Landscape design of a place is balanced with various elements like softscape, hardscape and water elements. Although, majority of these recreational centres in Nigeria don't pay much attention to the landscape design of their environment, much attention is targeted towards the facilities in the recreational centre. Thus, the aim of the study is to identify how landscape design of a recreational centre plays a role in the satisfaction of users. To achieve this aim, a close-ended questionnaire was adopted and administered to the selected respondents as well as a well-structured observation guide to study the selected recreational centres. The questionnaires were retrieved, collated and analyzed using the Statistical Package for the Social Sciences (SPSS). Based on survey, it was found that the selected recreational centres made use of the landscape elements identified in literature besides the use of 'Rock Gardens' in their design which was not common in this region. Thus, most of the respondents were satisfied with the existing landscape elements and survey also showed that the landscape design of the recreational centre plays a role in their engagement in recreational activities as well as their satisfaction.

**Keywords:** Landscape design, Recreational centre, User's satisfaction, Landscape elements.