

**APPLICATION OF CRIME PREVENTION THROUGH
ENVIRONMENTAL DESIGN STRATEGIES IN THE DESIGN OF
A CONVENTION CENTRE, IKHUENIRO, BENIN-CITY**

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JULY, 2022

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BY

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**A DISSERTATION SUBMITTED TO THE DEPARTMENT OF
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COVENANT UNIVERSITY OTA, OGUN STATE, NIGERIA, IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE
AWARD OF MASTER OF SCIENCE DEGREE (M.Sc.) IN
ARCHITECTURE**

JULY 2022

ACCEPTANCE

This is to attest that this dissertation is accepted in partial fulfilment of the requirements for the award of Master of Science (M.Sc.) Degree in Architecture in the Department of Architecture, College of Science and Technology, Covenant University, Ota, Nigeria.

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DECLARATION

I, **UMOREN, PRECIOUS ANIETIE (20PCA02161)** of the Department of Architecture, Covenant University, Ota, Ogun state, hereby declare that the information contained in this dissertation work is a result of honest academic research undertaken by me under the supervision of Dr F. O. Jegede. I attest that the dissertation has not been presented wholly or partially for the award of any degree elsewhere. All sources of data and scholarly dissertation information used are duly acknowledged and referenced.

UMOREN, PRECIOUS ANIETIE

Signature and Date

CERTIFICATION

We certify that this thesis titled "**APPLICATION OF CRIME PREVENTION THROUGH ENVIRONMENTAL DESIGN STRATEGIES IN THE DESIGN OF A CONVENTION CENTRE, IKHUENIRO, BENIN-CITY**" is an original research work carried out by **UMOREN, PRECIOUS ANIETIE (20PCA02161)** of the Department of Architecture, College of Science and Technology, Covenant University, Ota, Ogun State, Nigeria under the supervision of Dr F. O. Jegede. Upon examination, we have deemed this work acceptable as part of the requirements for the award of Master of Science (M.Sc.) in Architecture.

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DEDICATION

I dedicate this work to my dearest mother, Mrs Joyce Umoren, who inspires, drives, and encourages me to be a better individual in every ramification.

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ABSTRACT

The rise of insurgency and insecurity in Nigeria necessitates the provision of secure spaces, particularly public spaces. Convention centres are public facilities that make up an intricate part of the tourism industry. Such may be crime-prone areas causing a lack of motivation for users' to visit facilities that fail to provide a feeling of safety and security. Previous studies have assessed Crime Prevention Through Environmental Design (CPTED) principles and their application as crime prevention strategies in the built environment. Due to the possibility of crime associated with public spaces, in this case, Convention centres, CPTED strategies are analysed from existing literature and case studies to ascertain their relevance and efficiency in achieving optimum security in the proposed Convention centre. Hence, this research aims to design a Convention centre in Benin, Edo State, Nigeria, that integrates the principles of CPTED within the Convention centre environment. The study answered questions on Crime Prevention Strategies through existing literature, the CPTED strategies adopted in selected Convention centres, and the level of user satisfaction with security in the chosen facilities to achieve the study's objectives through adopting a mixed method. The research method facilitated qualitative and quantitative data acquisition as the research findings. The data obtained is analysed with content analysis and Statistical Package for Social Sciences (SPSS). The data presentation of the result includes tables, and pictures, with the analysis showing users' general satisfaction with security in the selected Convention centres, which encourages the facility usage. The study further elucidates how suitable design, planning, and application of Crime Prevention Through Environmental Design principles from the project's conceptual stage. Integrating proper landscaping, material selection, site zoning, and overall spatial requirement can enhance security for crime prevention.

Keywords; Convention, CPTED, Security, Tourism, Users' satisfaction