شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم

MONA MAGHRABY

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جامعة عين شمس

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قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات

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تحفظ هذه الأقراص المدمجة بعيدا عن الغبار

MONA MAGHRABY

Ain Shams University
Faculty of Engineering
Urban Planning

The effect of elements of landscape architecture on the safety and security of public parks

A Thesis submitted in partial fulfilment of the requirements of the degree of
Master of Science in Architectural Engineering
(Urban Planning)

By
Yasmin Yasser Sayed Ahmed
Bachelor of Science In Architectural Engineering(Urban Planning)
Faculty of Engineering, Ain Shams University, 2018

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2021

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Examiners' Committee

Name and Affiliation	**Signature**
Prof. Mohammed Hussein Refaat Urban Planning, Cairo University	…….
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4 August 2021

Statement

This thesis is submitted as partial fulfilment of Master of Science in Architectural Engineering Engineering, Faculty of Engineering, Ain shams University.

The author carried out the work included in this thesis, and no part of it has been submitted for a degree or a qualification at any other scientific entity.

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Thesis Summary

Global research on landscape architecture investigates the perceived safety in parks. This thesis tackles the investigation of the landscape architecture of Al-Azhar Park, Cairo, Egypt. Given that prospects-refuge makes perceived safety perform better, this research focuses on 20 types of prospects concerning the eight factors of perceived safety. This research aims to strengthen the feeling of perceived safety in public parks through landscape imagery by investigating which landscape scenes are most perceived to be safe.

Using a multi-choice survey designed using google forms and sent to 200 respondents through social media, the results from IBM Statistical Package for Social Science (SPSS) statistics show that the types of prospects are essential factors in creating parks' safety. The data were analysed in a quantitative method to conclude forms for the relation between the types of the prospect and the eight factors of perceived safety related to landscape architecture elements. Two schemes of analysing data were used, descriptive statistics and frequency distribution.

The concluded remarks highlighted that the panoramic views are preferred and perceived safety among other prospect types. Good maintenance, aesthetics, microclimate, privacy, and entertainment are the most factors associated with perceived safety. Future studies could test the prospect types through qualitative analysis and other parks besides Al-Azhar parks.

Keywords:

Appleton theory, prospect-refuge theory, prospects.

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