ECOTOURISM AND SUSTAINABLE ARCHITECTURAL APPROACH IN PROTECTED AREAS

By

Salma Ahmed Mohamed Ali Al Kholousy

A Thesis Submitted to the Faculty of Engineering at Cairo University in Partial Fulfillment of the Requirements for the Degree of MASTER OF SCIENCE in Architectural Engineering

FACULTY OF ENGINEERING, CAIRO UNIVERSITY GIZA, EGYPT
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Under the Supervision of

Prof. Dr. Ahmed Ahmed Fekry
Dr. Reham el Desouky

Professor of Environmental Architecture
Associate Professor
Architecture Department
Architecture Department
Faculty of Engineering, Cairo University
Faculty of Engineering, Beni Suef
University
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Approved by the
Examining Committee

Prof. Dr. Ahmed Ahmed Fekry, Thesis Main Advisor
Professor of Environmental Architecture, Architecture Department, Cairo University

Prof. Dr. Ayman Hassan, Name, Internal Examiner
Professor of Landscape Architecture, Architecture Department, Cairo University

Prof. Dr. Ahmed Atef Faggal, External Examiner
Professor of Architecture, Architecture Department, Ain shams University

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Title of Thesis:
Ecotourism And Sustainable Architectural Approach in Protected Areas

Key Words:
Ecotourism, Eco lodge, Sustainability, Development in protected area, Eco Architecture building in protected areas, Earth shelters concept.

Summary
The thesis is divided into two parts theoretical and practical. The chapters of the research that aim to know the Definition of Ecotourism or any definition related to the environment also know what is ecotourism and the type of eco-tourism in Egypt. study the different between Eco lodge and ecotourism and mass tourism also know the protected areas in Egypt and it is relation to the ecotourism knowing the environmental process to design an eco-architecture building inside the protected area or nearby it or near any attraction areas. to know the idea of designing an eco-architecture building like earth shelters and eco homes knowing the eco materials that can be used. Also illustrating international case study to identify the concept of ecotourism and Eco lodge in the world at the end study the points and guidelines of the international ecotourism and Eco lodges and the TDA criteria to find the check list to evaluate the Egyptian Eco lodges. finally evaluate the Egyptian case studies or Samples from Egypt and analyze it through the checklist chosen from the previous studies and get out with recommendation and conclusion.
Acknowledgments

Completing this part of the journey by doing my thesis could not have been possible without assistance of so many people whose name may not be mentioned.

I would like to thank Dr. Ahmed fekry for his support and giving me the spirit to continue doing my thesis, giving me a lot of advices and encouragements.

Thanks to Dr. Reham for her endless support and kindness and understanding.
Dedication

This thesis is dedicated to my family after allah that have given me the strength and the ability to complete this part in my life.

Thanks a lot for their care and guidance for teaching me that life is just a game and I have to enjoy every step so do not let your fear striking out you from playing the game.

Thanks to my sister and brother for their care and sweetness that kept me going and not stopping.
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