



Cairo University

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

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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 aims 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.

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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.

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