



شبكة المعلومات الجامعية
التوثيق الإلكتروني والميكرو فيلم

بسم الله الرحمن الرحيم



HANAA ALY



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التوثيق الإلكتروني والميكروفيلم



شبكة المعلومات الجامعية التوثيق الإلكتروني والميكروفيلم



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TOWARDS A SOCIOCULTURAL MODEL FOR
SUSTAINABILITY ASSESSMENT SYSTEMS IN THE
ARAB REGION

By

BASANT ASHRAF AHMED HASSAN AL MALLAH

A Thesis Submitted to the
Faculty of Engineering at Cairo University
in Partial Fulfillment of the
Requirements for the Degree of
MASTERS OF SCIENCE
In
ARCHITECTURAL ENGINEERING

FACULTY OF ENGINEERING, CAIRO UNIVERSITY
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TOWARDS A SOCIOCULTURAL MODEL FOR SUSTAINABILITY
ASSESSMENT SYSTEMS IN THE ARAB REGION

Key Words:

Sustainability; Sociocultural; Globalization; Sustainable Development; Assessment Systems

Summary:

Globalization has been the motor behind raising awareness of the crucial need for Sustainability. Despite the 2030 agenda's distinguished approach towards sustainable development, it unfortunately failed to properly acknowledge the uniqueness of the Arabic Sociocultural Backgrounds. The international sustainability assessment systems have managed to establish a general framework and guidelines for those who would follow in their step (which were meant as an aid not as a set of obligatory laws). Few of the Arab countries that could be considered having a successful approach (e.g. UAE) have rapidly become aware of the need of tailoring their local systems to effectively address their unique sociocultural backgrounds, environmental demands, economic conditions and political atmosphere. Using the results and statistics of the Questionnaire in addition to the deduced Guidelines from the Case study, a General Framework for the targeted Sociocultural Strategy has been developed. This Strategy efficiently highlights the aspects that aid in increasing the practicality and adaptability of the future local assessment systems according to the country's sustainable development agendas. Combined with having local and international references to consider as general guidelines, the developed strategy and the local assessment systems can be expected to successfully account for all the required pillars (environmental, political, economic and sociocultural) in assessing local sustainable constructions.

Disclaimer

I hereby declare that this thesis is my own original work and that no part of it has been submitted for a degree qualification at any other university or institute.

I further declare that I have appropriately acknowledged all sources used and have cited them in the references section.

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Acknowledgments

I would like to express my gratitude towards my supervisors Prof. Ahmed Ouf and Assoc.Prof. Naila Toulani for their unwavering support and guidance. Their continuous patience and direction were instrumental to achieve the highest standards in this research completion. I would also like to thank all those who answered my questionnaire. Your time, effort and suggestions are deeply appreciated and truly significant to my research work.

Many thanks to my friends and colleagues for their moral support and continuous encouragement. And my special gratitude goes to my wonderful family especially my sister Malak. Your belief in me and your continuous support through my studies always feel like a blessing and a great motivation.

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