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## Master Thesis Defense

Entitled

CLIMATE CHANGE AWARENESS IN THE UNITED ARAB EMIRATES

by

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<https://uae.ac->

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Abstract

Climate change has drawn public attention in the United Arab Emirates (UAE) to the role of society in protecting the environment. The aim of this study was to determine the level of public awareness of climate change in the seven emirates of the UAE. The study also aimed to determine the spatial and geographical distribution and gender differences, as well as to investigate the possible impact of human activities on inducing climate change effects. In a cross-sectional survey, the researcher used the questionnaire to collect data from a sample of 4000 participants to answer the research questions. The drop-off and pick-up (DOPU) method used for distributing questionnaires to increase the amount of collected data, which was then analyzed quantitatively. The results of quantitative analysis showed that Umm Al-Quwain emirate had the highest level of awareness of climate change (52.5%), while Ajman had the lowest (50.3%). When broken down by gender, awareness of climate change was lower among female participants (45%) compared to males (56%). The study argues that awareness of climate change in the UAE needs to be raised in several ways, including the inclusion of climate change in school curricula and media campaigns to raise awareness in society. The implications of the obtained results for policymakers and educators are to develop an educational program on climate change and encourage the public to play an important role in mitigating the adverse effects of climate change in the UAE. As the demographic structure of the UAE society is multinational and multicultural, the study recommends further research on the influence of the socio-cultural background of different nationalities on promoting awareness and formulating common climate change policies and measures.

**Keywords:** Climate Change, Public Awareness Level, Spatial Distribution, Gender Differences, Human Activities, Climate Change Education Program.