



Fayoum University

Faculty of Arts

Department of Geography

Geographical Dimensions of Energy Security Policies in Egypt

(A Study in Political Geography)

An M.A. Personal with a Major in Geography

Submitted by

Ramadan Ahmed Mohamed Abdel Aal

Super vide by

Prof.

Mohamed Abdel Rahman El Sharnoby

Professor of Human Geography

Faculty of Arts – Fayoum University

Prof.

Abdel Gaffar Rashad El Kasaby

Professor of Political Science

**Faculty of Economy and Political Science –
Cairo University**

Fayoum

2021

Abstract

This study tackles: " The Geographical Dimensions to the Policies of Energy Security in Egypt: A Study in Political Geography". This study aims at exploring the impact of the geographical physical and human factors on the policies of securing the sufficient provisions of energy and its sources and their influence on the Power of The State, and exploring of internal and external policies and their role in providing energy supplies to Egypt, in addition to studying the future of energy security in Egypt.

This study consists of five chapters preceded by an introduction and followed by a conclusion. The introduction presents the problem of the study, the research questions, objectives of the study, reasons for choosing this study topic, data sources of the study, references and approaches and methods of study as well as the previous literature review related to the study.

chapter I deals the theoretical and conceptual framework of energy security policies in order to understand the country building theories and the role of energy security in enhancing the State building. The chapter also highlights the decision- making theories and the factors influencing the political decisions concerning energy security. The chapter also discusses the concept of energy security and its internal and external policies, in addition to its relationship to Political Geography.

Chapter II shows the important geographical factors affecting energy security policies in Egypt, represented in the physical and the human factors.

Chapter III presents the sources of energy and its consumption in Egypt. Fossil, new and renewable energy represent the sources of energy in Egypt. This chapter also discusses the impact of the sources of energy on Egypt's economic power, and the most important regional neighboring countries: Saudi Arabia, Iran, Turkey, the occupied Palestine (Israel).

chapter IV deals an assessment of the internal and external energy security policies in Egypt, and their role in fostering and supporting the internal stability as well as its role in the power of Egypt regional and international.

Chapter V estimates Energy Production and Consumption in Egypt, Knowing the Possible Resources to Secure Energy Supplies in

Egypt in the Future, and Studying Energy Security in the Balance of Egypt's International Relation.

The Conclusion of the study displays the most important results of the study as well as the suggested recommendations.