

Review of: "Raising Adaptive Capacity to Climate Change in the Energy and Food Sectors of Egypt"

Danisile Leonah Mthombeni¹

¹ University of South Africa

Potential competing interests: No potential competing interests to declare.

Abstract

- The Abstract should be the summary of the paper/article, including highlights of the following subjects: introduction, methodology, results, and conclusion. However, the abstract in this study seems to have only covered the introduction.
- It has been specified that electricity is the energy that will be studied in this research, but as you go on to read further, the study is no longer specific since it refers to just energy.

Introduction

- The introduction is very limited for the magnitude of this study. The topic of the study already indicates that the article will involve three types of fields (agricultural, environmental, and paleoclimatology). However, those aspects are not well defined under the introduction. For example, food security has about four different pillars that you can refer to or measure with, but there has not been a single pillar discussed in this paper, though the literature mostly refers to it.
- In 1.2, there is no problem discussed or highlighted, only a bit of the history of energy consumption is highlighted.
- In 1.2, the subtopic states "current status of food and energy in Egypt," but the citation of the information provided is not current (2004, 2006, 2007); some of those citations are more than 10 years old. I am sure other recent reports or studies related to the article have been released to be utilized.
- It is confusing what type of energy the article is focusing on since it was not defined under the introduction (electricity, solar, fuel); the paper sometimes refers to just energy and at times electricity. The author must be specific and consistent.
- The author kept interchangeably mentioning CO2 emissions and climate change, making it confusing since it was not well explained.

Data Sources and Methodology

- Methodology is not well discussed.
- Explanation of the study area is necessary; the audience of this study is worldwide and may not be familiar with where the study area is.
- Explain the types of paleoclimatology documents used in the analysis of this study; also explain if all three rings of proxies were used for analysis or not.
- Which year was the IPCC report (AR4) used in the study released?

Results

- The results do not reflect well the topic and aim of this study.
- There is no clear link between adaptation capacities on climate change in the energy and food sectors.
- Limited, old literature and citations were used for results review; I recommend the author to make use of recent literature on the article subject.