

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

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Potential competing interests: No potential competing interests to declare.

General comments:

- The paper provides a good overview of the impacts of climate change on the energy and agricultural sectors in Egypt and how this relates to food security.
 - It covers relevant background information and data sources.
 - The aims are clearly stated, and the structure is logical.
1. The title is suitable and clear.
 2. The abstract is comprehensive, well-structured, and well-written.
 3. References are sufficient and recent.

Strengths:

1. Comprehensively brings together data on climate change, agriculture, and energy use in Egypt.
2. Shows how these factors interrelate and impact food security.
3. Provides quantitative data from models and projections to demonstrate the impacts.
4. Recommendations section sums up key points well.

Weaknesses:

1. Paper structure must be redone.
2. Conclusion is too poor.
3. Method section is too poor.
4. In some areas, the explanations of the data or models could be expanded or clarified.
5. Discussion of uncertainty around projections and model assumptions is limited.
6. More background on the economic situation in Egypt could add helpful context.
7. The English could be improved in terms of grammar and clarity in places.

Suggestions for improvement:

1. The paper structure must be redone.
2. The method section must be redone, the methods section is an important part of a research paper that provides

detailed information about the procedures, materials, and data collection and analysis techniques used in the study.

The method section must have the following information:

- Study design: State the overall approach and specific type of study (e.g., observational, experimental, survey, etc.).
- Participants/subjects: Describe details about the participants, including how many there were, key characteristics, and how they were selected/recruited.
- Materials/measures: List any equipment, tests, surveys, instruments, tools, or other materials used to collect data. Include names, descriptions, reliability and validity information if applicable.
- Data collection procedures: Provide a detailed account of the procedures followed for gathering the data. Explain the steps taken, when and where things happened, and specify any control/comparison groups.
- Data analysis: Describe the statistical and analytical techniques used to analyze and interpret the data, including software used.
- Ethical considerations: Note any ethical issues encountered and how they were handled, including any permissions obtained.

17. The conclusion is too poor regarding the interest of the work; the conclusion must be rewritten. Because the conclusion is intended to help the reader to understand why your research should matter to them after they have finished reading the paper. A conclusion is not merely a summary of your points or a re-statement of your research problem, but a synthesis of key points.

A conclusion should contain these points:

- Restate the problem statement addressed in the paper
- Summarize your overall arguments or findings
- Suggest the key takeaways from your paper

Provide more details on the climate, agricultural, and energy models used, their inputs and assumptions.

1. Discuss the uncertainty ranges around projections.
2. Expand the background section on Egypt's economic situation and factors impacting food security.
3. Additional editing for English grammar and clarity would strengthen the paper.
4. Consider structure with more sub-headings to aid flow.

Overall, it covers a highly relevant topic and brings together pertinent data, with some areas that could be expanded or clarified. Attention to English expression and structure would further improve the quality.