

# Review of: "Knowledge of Risk Associated with Exposure to Per- and Polyfluoroalkyl Substances in Abuja, Nigeria"

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**Potential competing interests:** No potential competing interests to declare.

## Suggestions for Improvement:

### 1. Abstract:

- Provide more context in the abstract about why PFAS is relevant and why it's a cause for concern. What are the potential impacts on health and the environment?
- Specify the timeframe of "recent studies" to give readers an idea of the currency of the research.
- The abstract is quite brief; consider expanding it to include more details on the methodology and key findings.

### 2. **Introduction:**

- Introduce the significance of PFAS in more detail. Why are these substances important to study, and what makes them potentially harmful? Consider adding more information on the global context of PFAS use and regulation.
- Include a clear objective or aim of the study to guide readers on what to expect.

### 3. Introduction:

- Citations are important; make sure to consistently provide the author names along with the publication year.
- Clarify if PFOS and PFOA are the only PFAS studied in this research or if they are used as representative examples.
- Expand on the potential health impacts briefly mentioned. Provide a more comprehensive overview of the existing literature on PFAS, including any controversies or debates in the field.

### 4. Materials and Methods:

- Include more details on the questionnaire design, such as the types of questions asked and how responses were measured (e.g., Likert scale, open-ended questions).
- Specify the demographic characteristics of the respondents, such as age groups, educational levels, and occupations. This information is crucial for understanding the sample population.

### 5. Results:

- Provide a more detailed presentation of the results. Break down the responses to each question, especially focusing on patterns and variations within demographic groups.
- Include statistical measures if relevant (e.g., mean, standard deviation) to enhance the interpretation of the data.

### 6. Discussion:

- Elaborate on the implications of the findings for public health and environmental management. What does the lack of knowledge about PFAS mean for the community, and how might it impact their exposure?
- Discuss how the study's findings align with or differ from existing literature on PFAS awareness and knowledge.

#### 7. Discussion:

- Provide recommendations in more detail. What specific awareness programs are suggested, and how might they be implemented? Elaborate on the role of industrialized nations in supporting these programs.

#### 8. Conclusion:

- Summarize the key findings and their potential implications succinctly.
- Consider restating the importance of the study and its contributions to the existing knowledge on PFAS.