

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.

Introduction

1. Authors should include the chemical structure of PFAS and data on the concentration of PFAS found in Abuja, detailing the chemical structure and source.
2. Since the study focuses on Abuja, Nigeria, the authors should provide details on the sampling site, such as the approximate population, reasons for choosing Abuja, the pollution index, or other information that the authors deem suitable for the manuscript.
3. *"The challenge is that a significant number of people in Nigeria, and in Abuja, the study area, are not aware of what PFAS is or the risks associated with the use of products containing PFAS."* Authors should be very careful when making statements like this. Please refrain from presenting a potentially false claim based on assumptions by providing the necessary references to support this statement.

Methods/Results:

1. The methodology used in this study is too general, which could affect the integrity of the data obtained. *"Abuja, the study area, is in the north-central region of Nigeria, a tropical Sudan savannah with approximate coordinates of latitudes 8° 21' and 9° 18' N, longitudes 6° 46' and 7° 37' E (Etuk et al., 2022)."* Please add a figure (map) to improve the readers' understanding.
2. The authors should improve the data presentation in Table 1. The data presented in Table 1 is unclear. For example, between the age group and education, how many percent of the sample age group between 18-29 have access to tertiary education or are employed/unemployed, and how does it affect the overall data?
3. How does marital status significantly impact the study?
4. Please discuss in detail the results obtained in Table 2. For example, for questions 2 and 3, could the authors explain how the respondents know they have used PFAS products while they didn't know what PFAS is? **Refer to introduction** *"the study area don't know what PFAS is and the risk associated with the use of products that contain PFAS."*
5. The authors could improve the data presentation by adding a bar graph or pie chart.
6. Authors should include any reported data on the concentration of PFAS found within the sampling site to improve the

findings.

Discussion:

1. The authors should provide a comprehensive discussion on the data. This can be improved by enhancing the methodology.
2. The authors should avoid personal displeasure in the

All the best,