

The Effect of Microplastics on Human Health in Niger

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ABSTRACT

The effects of microplastics on human health have been researched and explored for years, yet there are very few studies discussing the health effects of microplastic pollution in developing countries. Previous research thoroughly investigates microplastic pollution in water, air, and food, as well as health complications that may arise from them, but these studies seem to be conducted in already developed countries, such as the United States, or the UK. As many studies on microplastic pollution in developing countries had not yet been published, there resulted a lack of coverage on this subject. This study will utilize data from South Sudan and explore health and pollution trends to draw connections between the two. The findings will be used to alert organizations dedicated to helping these countries about the severity of the situation and send non-toxic alternative resources and to emphasize the need to reduce global plastic pollution.

MATERIALS & METHODS

Multiple datasets regarding common health issues and the levels of plastic pollution in the air, water, and ground, will be studied and visualized to highlight any correlations between health trends and pollution trends. Tableau and Excel are the main tools used in this project, and data is from government and official health sites.

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OBJECTIVES

The objective of this research project is to highlight the severity of health issues in South Sudan due to the ongoing plastic pollution crisis, and to potentially offer solutions to combat this problem.

References

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