**Microplastics: Investigating the Potential Link to Cancer**

**Team Members:**

Alishon Mares

Amber Aeschbach

Ellen Malaki

Steven Urueta

**Description:**

In this project, we will research the presence of microplastics in the oceans and rates of cancer in the US in an attempt to see if there is an increased prevalence of cancer along the coasts. We will be using data gathered from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**Questions to Answer:**

* How have the concentrations of microplastics increased or decreased in the oceans over time?
* How have the rates of cancer increased or decreased over time?
* Is there a correlation between concentrations of microplastics and the rates of cancer?
* What are the challenges in conducting research to explore this potential link and what steps have been taken to address these?

**Datasets to be Used:**

[Marine Microplastics | National Centers for Environmental Information (NCEI) (noaa.gov)](https://www.ncei.noaa.gov/products/microplastics)

[Surveillance, Epidemiology, and End Results Program (cancer.gov)](https://seer.cancer.gov/)

[CI5plus - Home (iarc.fr)](https://ci5.iarc.fr/CI5plus/Default.aspx)

**Breakdowns of Tasks:**

* Data exploration and acquisition
* Dataset cleanup and compiling
* Analysis and visualizations for individual questions
* Draw conclusions
* Presentation of data