Recycling in Seaside Park: A brief analysis on plastic polution along Long Island Sound

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Senior Capstone

Introduction

Long Island Sound, a vital estuary located between Connecticut and Long Island, is an ecological and economic hub, supporting diverse marine life, recreational activities, and commercial industries. However, like many coastal regions, the "Sound" faces significant environmental challenges, one of the most pressing being the growing issue of litter. From plastic debris and fishing gear to food wrappers and cigarette butts, litter in the Sound poses threats to water quality, wildlife, and human health. The accumulation of waste not only harms marine species but also impacts local economies reliant on tourism and fishing. This research poster explores the sources, types, and consequences of litter in Long Island Sound, as well as potential solutions to mitigate this growing problem and protect this invaluable resource for future generations. [1]

Research Objectives & Methodology

This research analyzes the amount of litter collected at Seaside Park on a given day to estimate yearly production and local contributions. It also analyzes data collected from a Google Form sent out to students of the Fall 2024 Senior Capstone in order to gauge into the student body perspective of beach pollution.

Background:

- **Mauris tempor** risus nulla, sed ornare
- **Libero tincidunt** a duis congue vitae
- **Dui ac pretium** morbi justo neque, ullamcorper

Eget augue porta, bibendum venenatis tortor. Vivamus congue volutpat elit non semper. Praesent molestie nec erat ac interdum. In quis suscipit erat. **Phasellus mauris felis, molestie ac pharetra quis**, tempus nec ante. Donec finibus ante vel purus mollis

1. **Morbi mauris purus**, egestas at vehicula et, convallis accumsan orci. Orci varius natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus.
2. **Cras vehicula blandit urna ut maximus**. Aliquam blandit nec massa ac sollicitudin. Curabitur cursus, metus nec imperdiet bibendum, velit lectus faucibus dolor, quis gravida metus mauris gravida turpis.
3. **Vestibulum et massa diam**. Phasellus fermentum augue non nulla accumsan, non rhoncus lectus condimentum.

Results

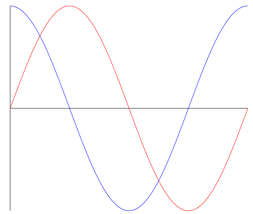

Figure 1. Insert Google Form Data Here

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Discussion

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First column	Second column	Third column	Fourth
Foo	13.37	384,394	α
Bar	2.17	1,392	β
Baz	3.14	83,742	δ
Qux	7.59	974	γ

Table 1. A table caption.

Conclusion

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References

[1] SaveTheSound.
The connecticut cleanup.
https://www.savethesound.org/what-we-do/healthy-waters/cleanups-and-marine-debris/, 2024.
Accessed: 2024-11-25.