

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]

Goals

Nam vulputate nunc felis, non condimentum lacus porta ultrices. Nullam sed sagittis metus. Etiam consectetur gravida urna quis suscipit.

- **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. The FitnessGram™ Pacer Test is a multistage aerobic capacity test that progressively gets more difficult as it continues. The 20 meter pacer test will begin in 30 seconds. Line up at the start. The running speed starts slowly, but gets faster each minute after you hear this signal. [beep] A single lap should be completed each time you hear this sound. [ding] Remember to run in a straight line, and run as long as possible.

Data Collection Methods

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

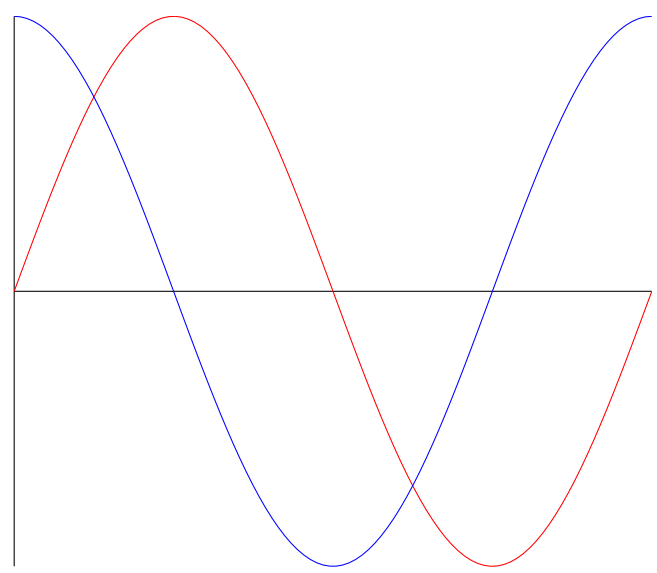


Figure 1. Another figure caption.

Nam cursus consequat egestas

Nulla eget sem quam. Ut aliquam volutpat nisi vestibulum convallis. Nunc a lectus et eros facilisis hendrerit eu non urna. Interdum et malesuada fames ac ante *ipsum primis* in faucibus. Etiam sit amet velit eget sem euismod tristique. Praesent enim erat, porta vel mattis sed, pharetra sed ipsum. Morbi commodo condimentum massa, *tempus venenatis* massa hendrerit quis. Maecenas sed porta est. Praesent mollis interdum lectus, sit amet sollicitudin risus tincidunt non.

A highlighted block containing some math

A different kind of highlighted block.

$$\int_{-\infty}^{\infty} e^{-x^2} dx = \sqrt{\pi}$$

Interdum et malesuada fames {1, 4, 9, . . .} ac ante ipsum primis in faucibus. Cras eleifend dolor eu nulla suscipit suscipit. Sed lobortis non felis id vulputate.

A heading inside a block

Praesent consectetur mi $x^2 + y^2$ metus, nec vestibulum justo viverra nec. Proin eget nulla pretium, egestas magna aliquam, mollis neque. Vivamus dictum **uTv** sagittis odio, vel porta erat congue sed. Maecenas ut dolor quis arcu auctor porttitor.

Another heading inside a block

Sed augue erat, scelerisque a purus ultricies, placerat porttitor neque. Donec $P(y \mid x)$ fermentum consectetur $\nabla_x P(y \mid x)$ sapien sagittis egestas. Duis eget leo euismod nunc viverra imperdiet nec id justo.

Survry Results

Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos himenaeos. Phasellus libero enim, gravida sed erat sit amet, scelerisque congue diam. Fusce dapibus dui ut augue pulvinar iaculis.

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.

References

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