



GreenSpark Initiative

**Promoting a Sustainable
Future!**

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**GreenSpark
Initiative**

PROMOTING SUSTAINABLE
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01

What is GSI?



Our Goal


The goal of GreenSpark Initiative is to empower communities across New Jersey to build a more sustainable future by promoting innovative, practical solutions for waste reduction, urban greening, clean energy, and water stewardship. Through education, collaboration, and hands-on action, we aim to spark lasting environmental change block by block and neighbor by neighbor.



GreenSpark Initiative

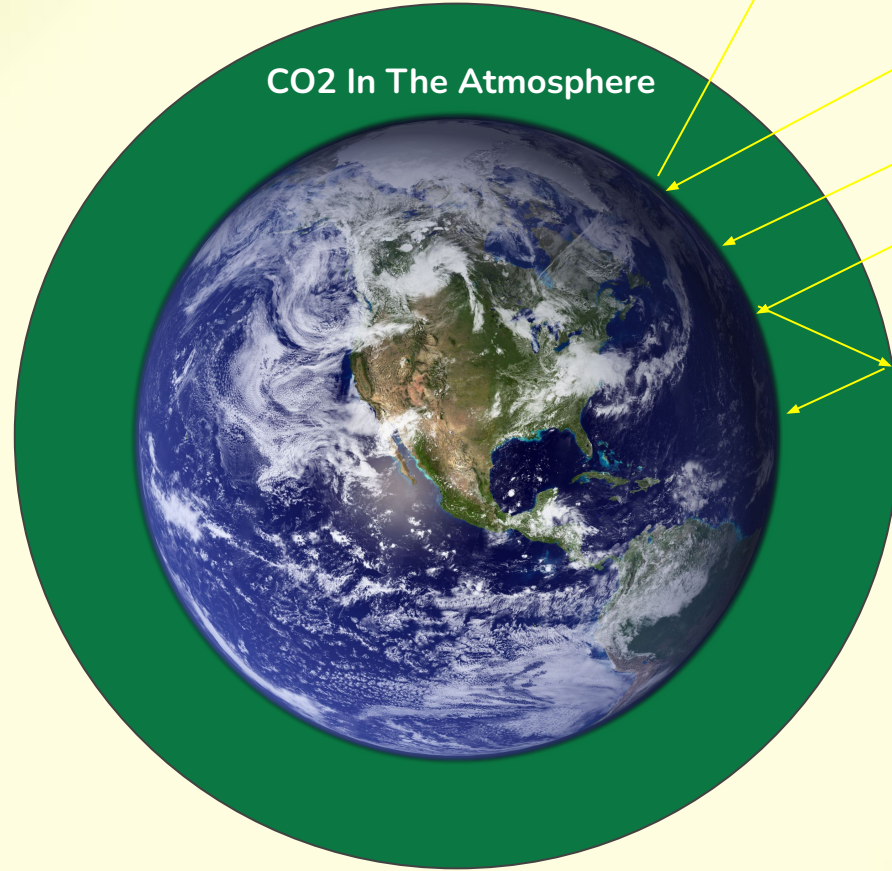
PROMOTING SUSTAINABLE
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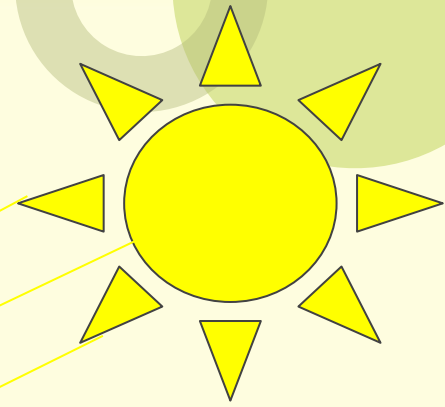
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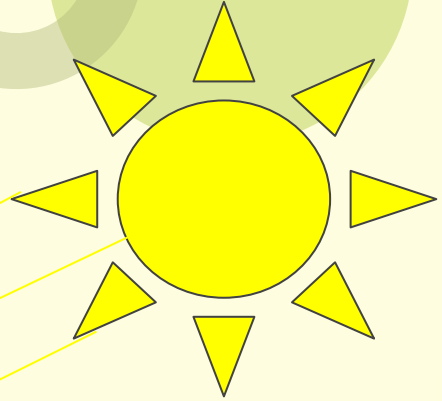
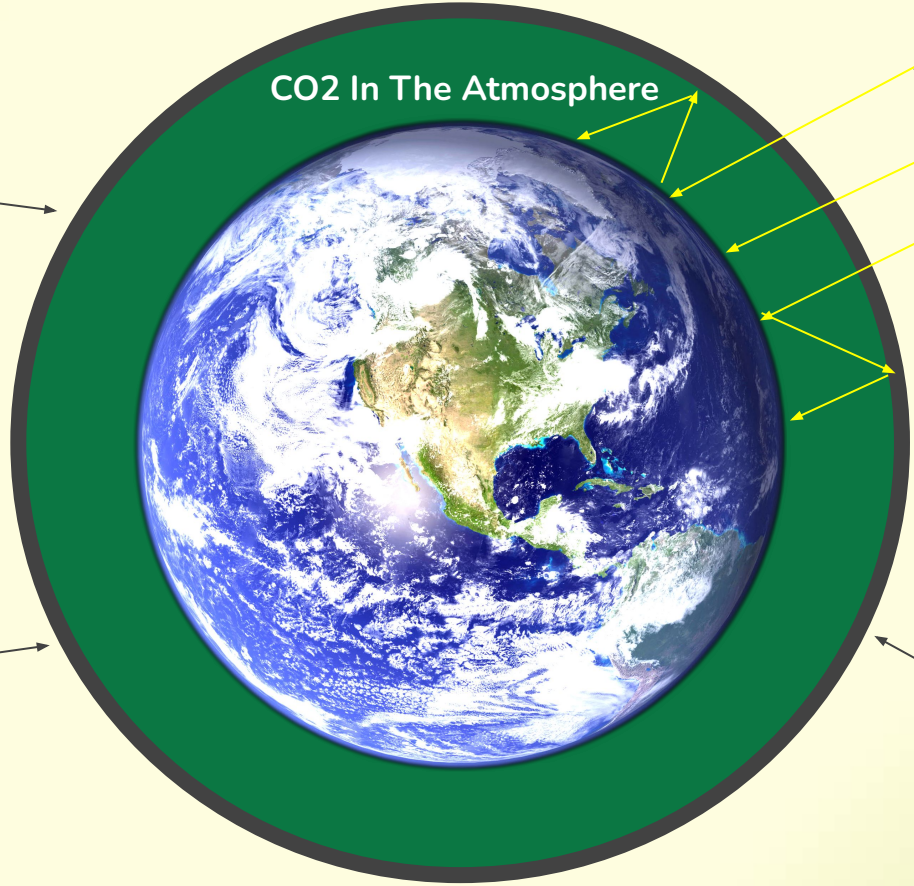
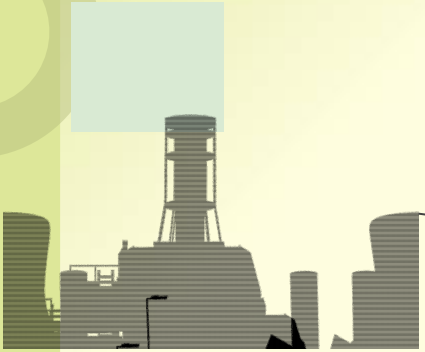
02

Why?



CO2 In The Atmosphere







Rising Temperatures

Global temperatures have increased by about 1.6C since the 1800s.

New Jersey has increased by about 2.2C since 1900, a rate almost double the global average.

As a state that borders largely water, our shorelines are expected to retreat as water has risen 18 inches and is projected to rise 18-60 more by 2100



Local Impacts

NYC Transport



Temperature Management



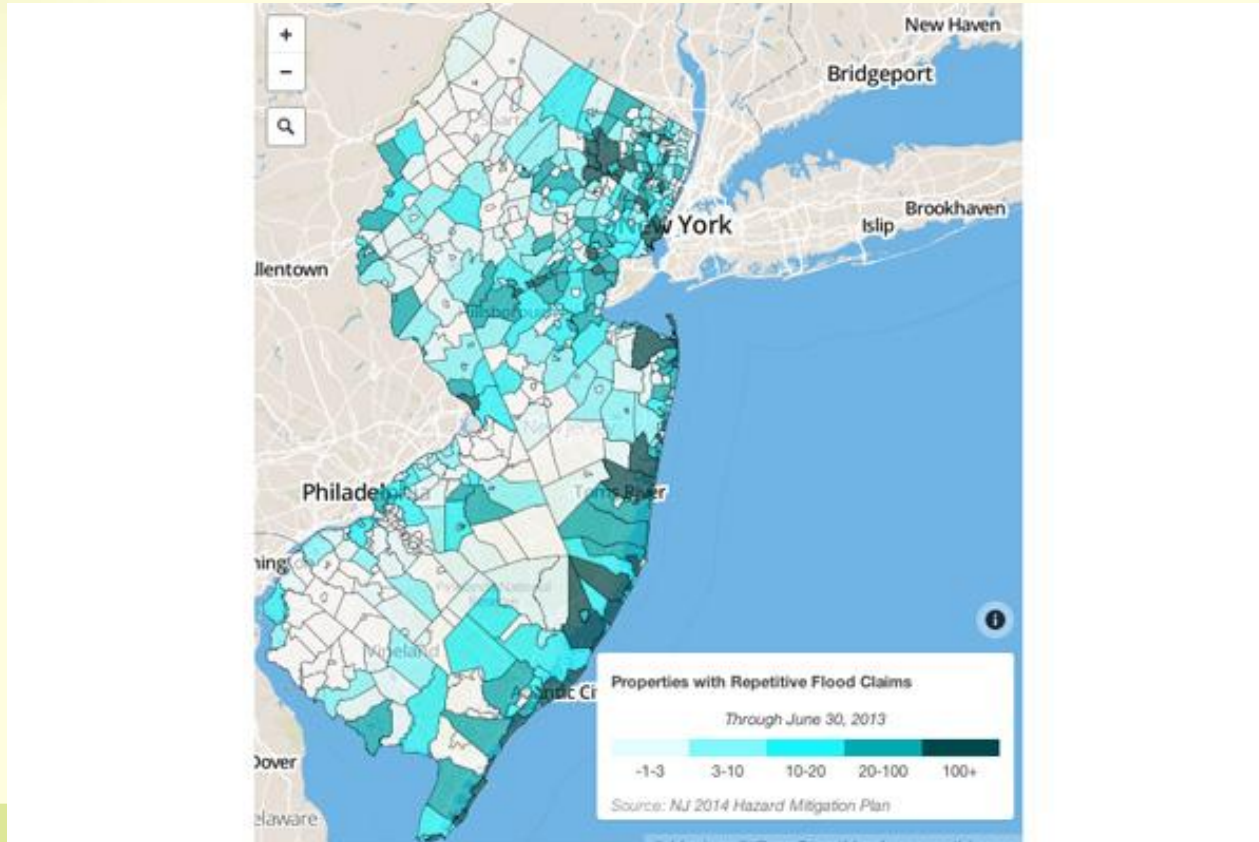
Poor Air Quality



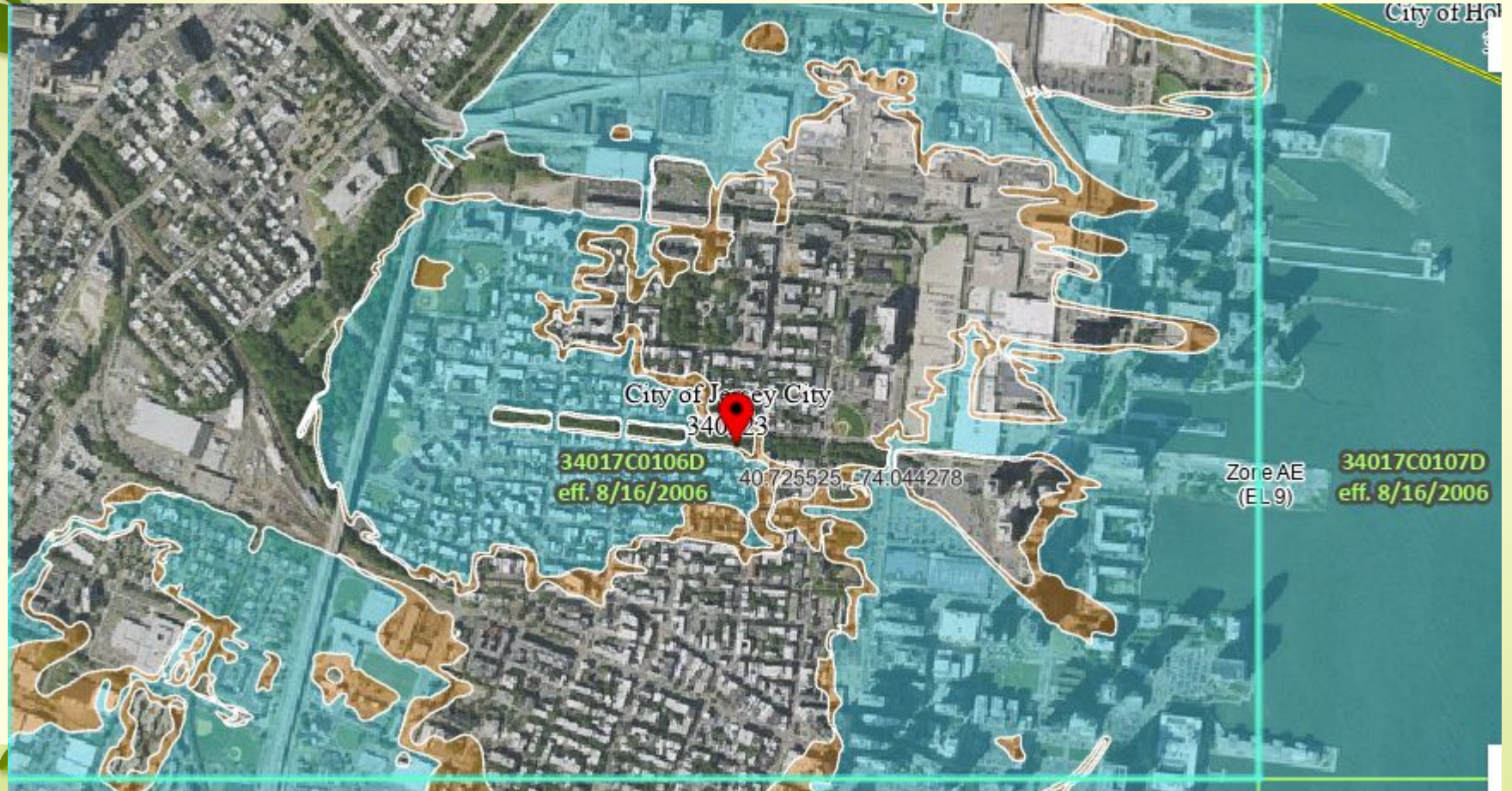
Vector Illnesses



NJ Flood Risk Map (NJHMP)



JC Flood Risk Map (FEMA)



03

**What can you
do?**



The Objective

In order to create a lasting difference, both as a local community and as a global collective, we need everybody's support and involvement.

No matter how small the contribution, every act of personal sustainability can go a long way!

With that in mind: here are some things you can do to help!





1. No-Waste Cooking

All those scraps you throw away? Those apple skins and banana peels actually contribute to climate change.

A simple solution is creating a community compost bin in your building which allows those scraps to enrich the soil and be used by local farmers in place of dangerous fertilizers!





2. DIY Upcycling

While recycling is an excellent way to reuse materials, it isn't usually seen as a long term solution because it is expensive.

If recycling in your area isn't offered, another method is DIY Upcycling

Examples:

- Turn mason jars into tiny gardens with fruit seeds and soil
- Cut and tie old t-shirts to create tote bags for shopping
- Turn cork from wine bottles into a corkboard for photos





3. Use thermal cameras

One of New Jersey's largest sources of carbon emissions and thus a huge driver of local climate change is due to excessive external heating and cooling.

Temperature maintenance is necessary, but temperature leaks can occur in large spaces. Using thermal cameras can allow you to target insulate those areas and save up to 30% on your heating and cooling bills!



04

Questions



Thanks!

Do you have any questions?

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