

Changes in Sea Level at Riis Park

Greenhouse Gases (GHGs)

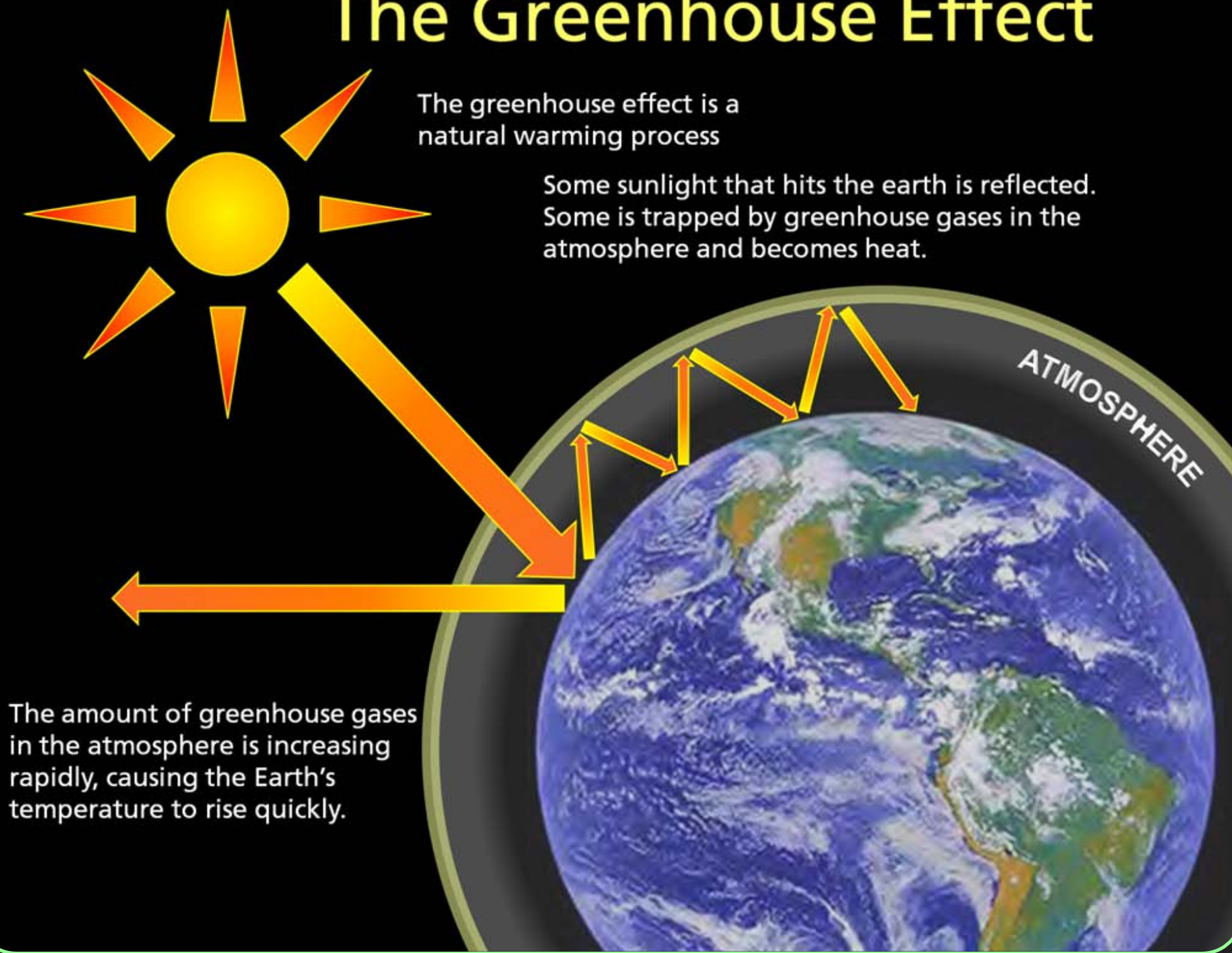
- Carbon dioxide (CO₂)
- Nitrous oxide (N₂O)
- Methane (CH₄)
- Water vapor

Warmer temperatures melt glaciers and ice sheets and expand sea water, increasing the volume of water in the oceans... interacting with coastal subsidence – the sinking of land.

The Greenhouse Effect

The greenhouse effect is a natural warming process

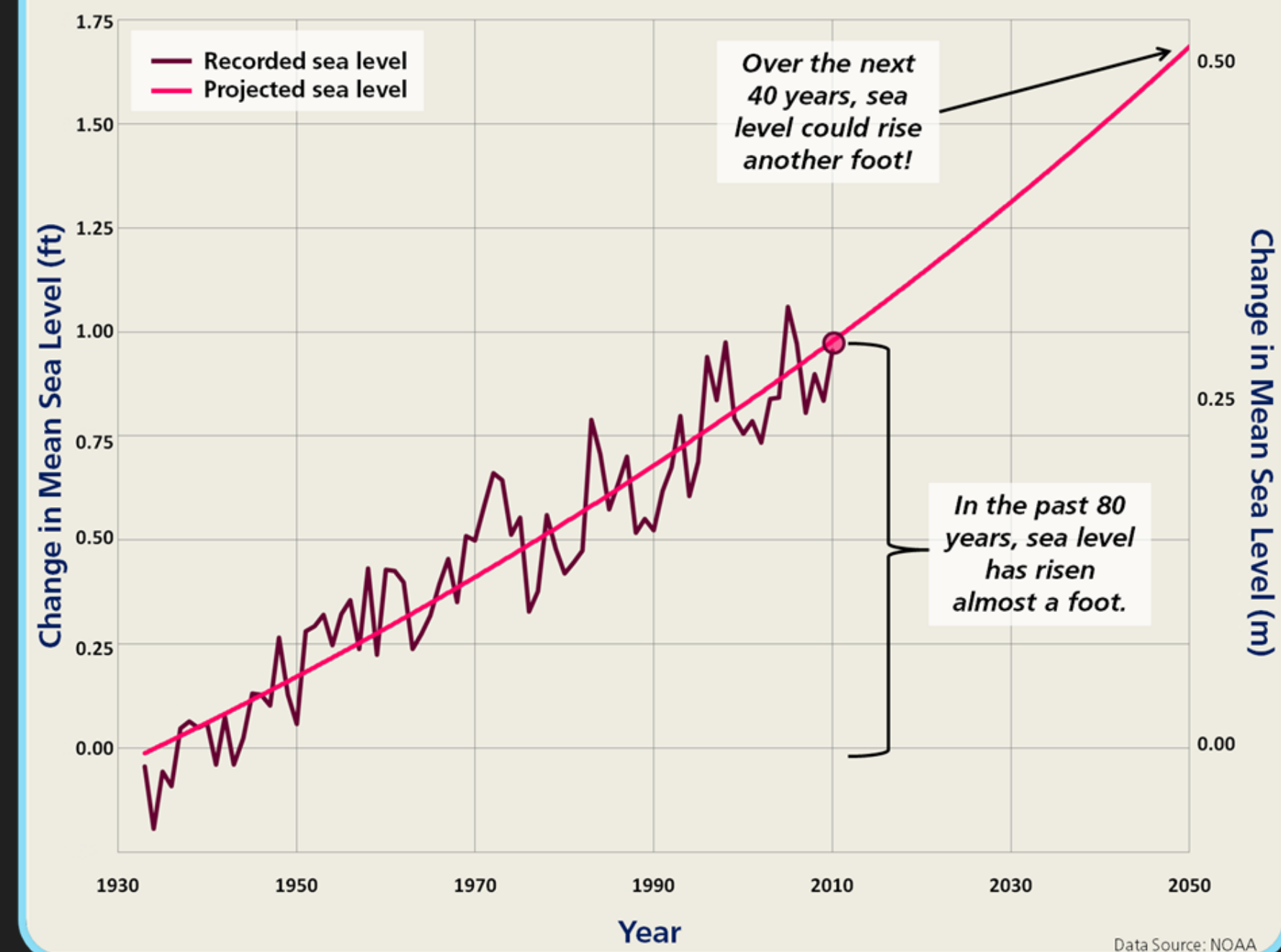
Some sunlight that hits the earth is reflected. Some is trapped by greenhouse gases in the atmosphere and becomes heat.



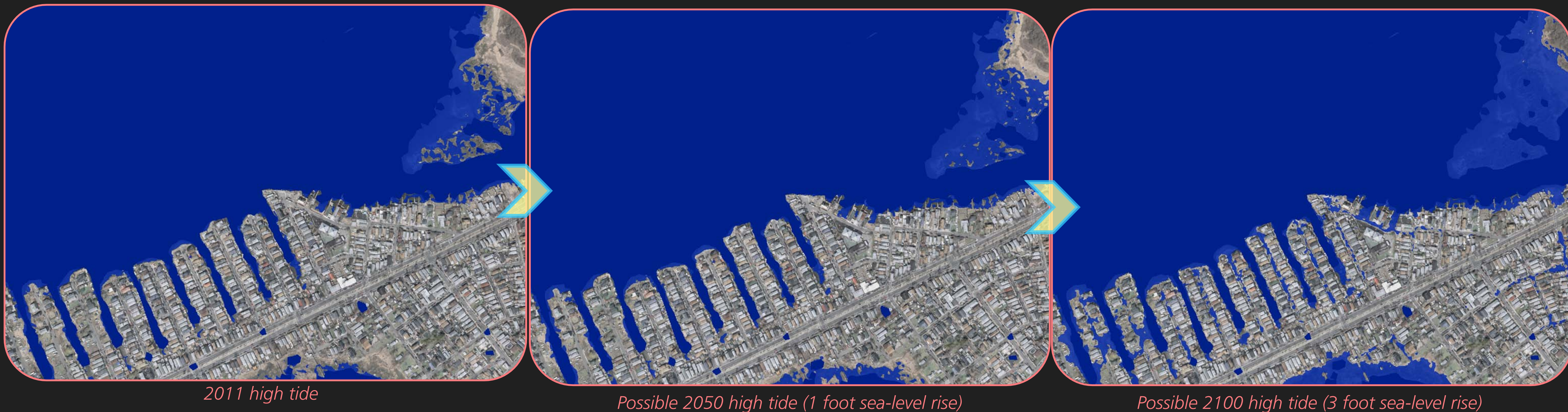
The Impacts

- Flooding
- More storms
- Property damage + loss
- Loss of wildlife habitat
- Loss of beach
- Erosion

Riis Park Sea-level Rise



Broad Channel Sea-level Rise Scenarios



Help Make Gateway Greener



Climate Friendly Parks is a joint program of the NPS and US EPA to facilitate an increase in energy efficiency and a reduction of emissions in National Parks.



Ride a bike on the multi-use path!



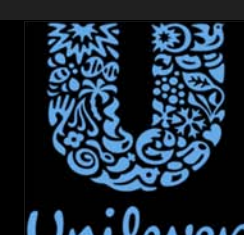
Help plant native vegetation and preserve biodiversity!

ACT NOW
change the future

Be Green!

- Unplug
- Walk or ride a bike
- Reduce, Reuse, Recycle
- Attend local planning board meetings
- Turn down thermostats
- Buy local food

For more information →
Friend/Follow Gateway National Recreation Area
<http://www.nature.nps.gov/climatechange>



Every bathhouse at Sandy Hook uses solar panels for power.