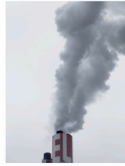


Climate Change

As we've seen this year in California, climate change is having a significant and direct impact on our lives. Here are some ways you can make a large positive impact by making reasonably small changes. However, it is important to understand the facts behind what were up against.

Greenhouse Gasses that contribute to warming the atmosphere...



Carbon Dioxide

Fossil fuel burning, biomass burning, gas flaring, cement production, land use and land use change

Tropospheric Ozone

Emissions of precursors (carbon monoxide, nitrogen oxides, volatile organic compounds) from fossil fuel combustion and biomass burning



Methane

Disturbance of wetlands, rice paddies, ruminant livestock, venting from natural gas wells, biomass burning and decomposition, coal mining, wastelands

Nitrous Oxide

Fossil fuel combustion, fertiliser production, biomass burning



Halocarbons

Industrial production, consumer goods (aerosol can propellants, refrigerants, foam-blowing agents, solvents, fire retardants)

Potential results if we don't take action...

01

Rising Ocean Levels

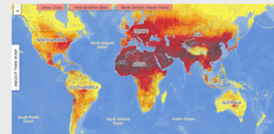
Methane produced from livestock accounts for nearly 28% of human caused climate change, the map to the right shows the loss of land to come due to rising sea levels in Florida.



02

Air Pollution

As emissions continue, air quality will worsen due to several different factors; fires (as we've seen), carbon dioxide, and deforestation all contribute. The map to the right shows the levels of air pollution, red being the worst.



03

Worse Overall Human Health

Human health has seen a sharp decline as conditions worsen. Wetter seasons allow disease to travel quicker through mosquitos and other insects as well as air quality affecting lung and bodily health directly.

04

Severe Weather Patterns

The rising temperatures call for more intense, severe weather patterns. The recent hurricanes and wildfires in the United States alone have been the most destructive and deadliest in recorded history.

What can I do?



Eat less meat!

Methane produced from livestock accounts for nearly 28% of emissions that cause global warming.

Reduce Waste!

The average American tosses out 290 pounds of food each year 25% of what they buy. This results in the same climate pollution as driving 876 miles (Seattle to San Francisco).

Drive less!

Emissions from vehicles on the road account for about 26% of the emissions causing global warming. Try carpooling, biking, or public transport!



Use Less Power!

Unplug appliances when not in use, wash clothes on cold, or switch to energy efficient light bulbs. Solar energy is also a great alternative.

