



Confronting the Climate Crisis Through Individual, Community, and Policy Actions



www.citizenscampaign.org

Dereth Glance
Executive Program Director
(315) 472-1339
dglance@citizenscampaign.org

225A Main Street • Farmingdale, NY 11735
516-390-7150
 19 Court Street, Lower Level • White Plains, NY 10601
914-997-0946
 744 Broadway • Albany, NY 12207
518-434-8171
 735 Delaware Road, Box 140 • Buffalo, NY 14223
716-831-3206
 466 Westcott Street, 2nd Floor • Syracuse, NY 13210
315-472-1339
 129 Church Street, Suite 221 • New Haven, CT 06510
203-785-9080

CITIZENS CAMPAIGN
FOR THE ENVIRONMENT

Empowering Communities. Advocating Solutions.

What is Global Warming?

The increasing average annual global temperature, which is caused by the build-up of greenhouse gases

Global warming: Causes and effects

Earth's temperature has risen since it began to warm in the last century. The past 10 years of warming are linked to human activity.

Greenhouse gases are produced from the burning of fossil fuels, deforestation, and agriculture. They trap heat in the atmosphere, causing global warming.

The United States and other industrialized nations are the largest contributors to global warming. The United States is the largest emitter of greenhouse gases, followed by China and Japan.

Some solutions for reducing global warming include: using energy-efficient light bulbs, turning off lights and electronics when not in use, driving less, and using public transportation.

Changing diets, recycling, and reducing water consumption are also ways to help reduce global warming. Many local governments are offering incentives for people to make these changes.

Approximately 80% of global emissions of carbon dioxide (CO₂) are due to fossil fuels combustion.

Climate Change: The Good News

We have the Tools

- Reduce, Re-use, Recycle
- Renewable Energy/Energy Efficacy
- Academic, Political, Corporate, Philanthropic, NGO and citizen leadership
- State and Local governments have started, but more needs to be done





The Nation's First Mandatory Cap-and-Trade Program for Carbon Dioxide

Reduction Requirements

1. Jan 1, 2009 Launch Date
 2. Stabilize emissions at current levels through 2014;
 3. then reduce by 10% by 2019
- ~13% below 1990 levels
~3.5% below business as usual





Acid Rain Cap & Trade Experience



- Mandatory Reductions in SO₂ and NO_x
- Resulted in improvement in ADK lake pH
- Limited to Power Plant emissions.

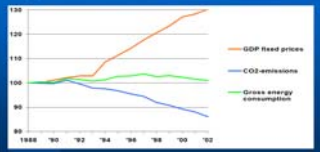


Further reading:

<http://www.nyscrda.org/programs/Environment/EMEP/acidRainPrimer.pdf>

Opportunities from Addressing the Climate Crisis

CO₂ Emission and Economic Growth



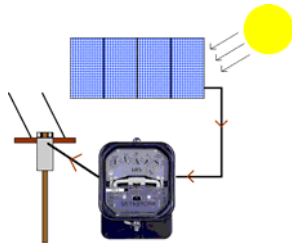
Denmark generates 20.8% of its electricity from wind—including offshore wind projects



Net Metering: Generating Renewable Energy Everyday!

Spin Your Electric Meter Backwards




NY Net Metering Laws earned a "D"






Make a difference: Bring your Own!




Individual Actions Help Curb Global Warming!

- ✓ **Purchase renewable energy!** Renewable energy is clean emission-free energy, such as wind and solar power.
- ✓ **Be energy efficient!** Use Compact Fluorescent Light Bulbs (CFLs) in your home instead of incandescent light bulbs. Turn off the lights when you leave the room and use energy star appliances.
- ✓ **Bring Your Own!** Reusable water bottle & coffee/tea mug and reusable grocery bags.
- ✓ **Walk, bike or take public transportation instead of driving!** Cars are a major source of increasing carbon dioxide (CO₂) emissions, a greenhouse gas.
- ✓ **Contact your elected officials** and urge them to take action to address the Climate Crisis

Questions??



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