

Youth Convening Minnesota

Climate Change, Leadership, You!



CLIMATEGENERATION

A WILL STEGER LEGACY

Climate Generation: A Will Steger Legacy empowers individuals and their communities to engage in solutions to climate change.



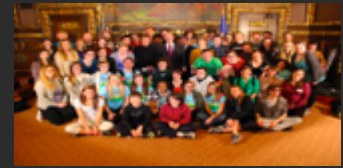
Youth



Educators



Public



Influentials

Youth Environmental Activists of MN



Youth Convening Minnesota



Attention:

**Join Climate Generation's Youth Convening Minnesota project &
Host a Public Forum on Climate Change in Your Community!**

Learn how to empower people to talk about climate change & inspire climate action.



CLIMATEGENERATION

A WILL STEGER LEGACY

Building Blocks for Convening

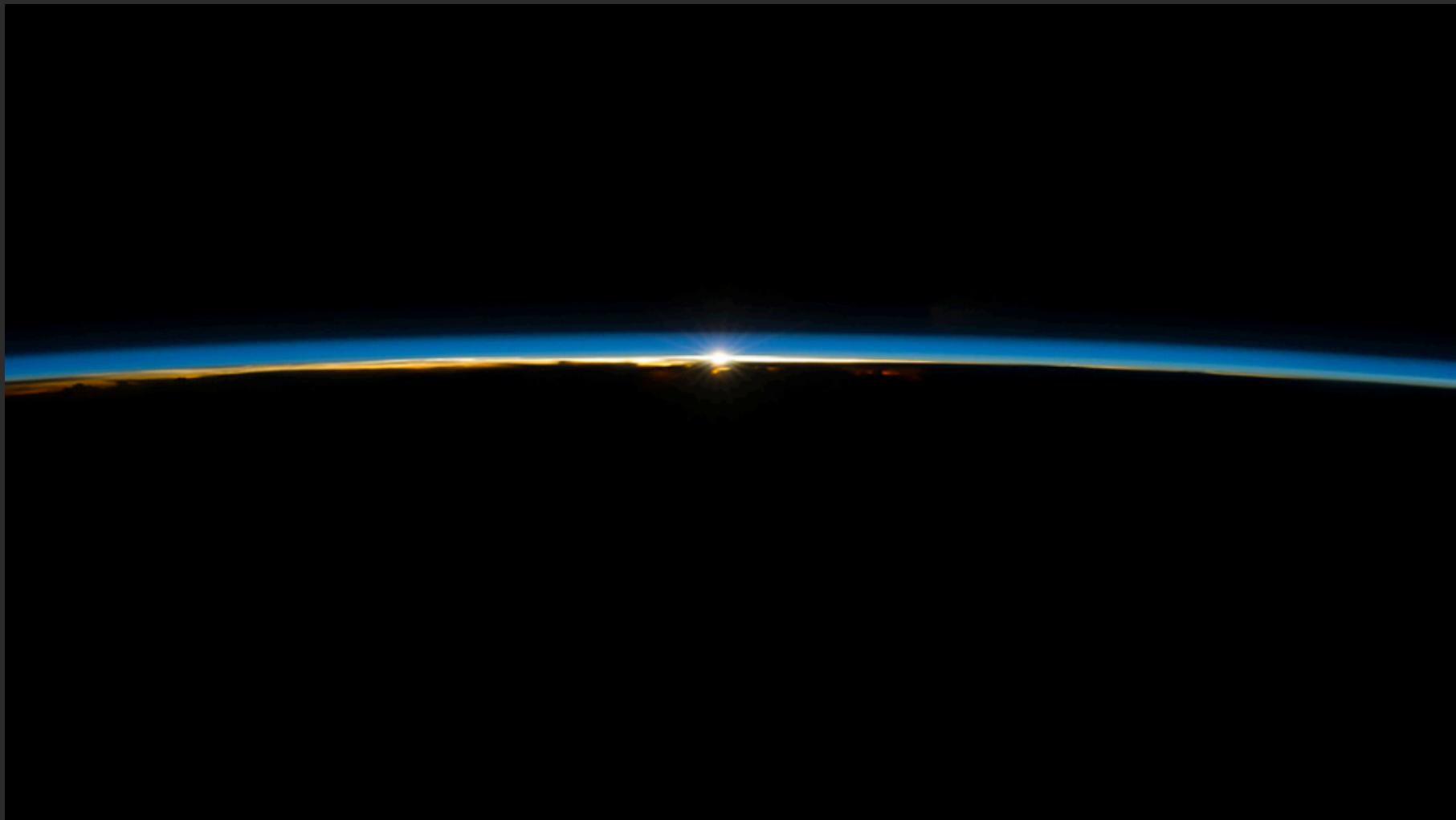
- Science
- Stories
- Solutions

Welcome to Youth Convening Minnesota

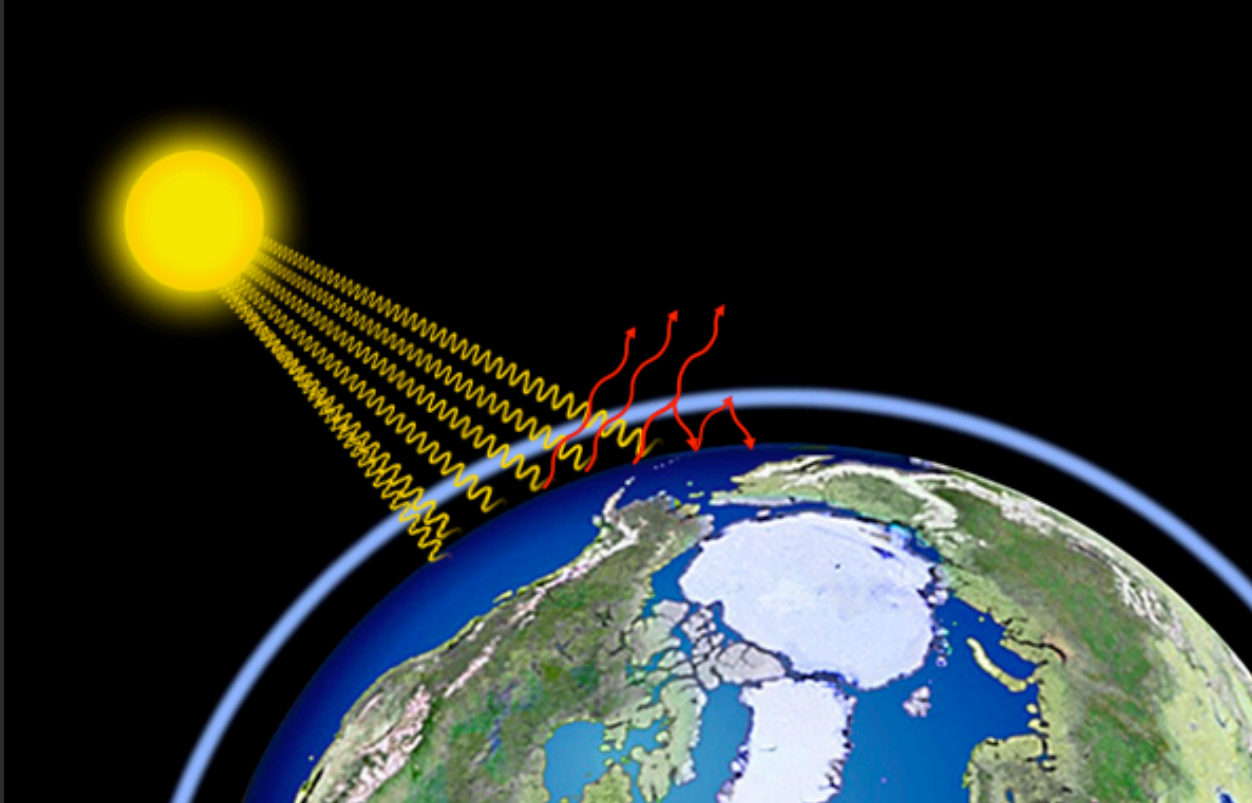


“What do you value most about your
community?”

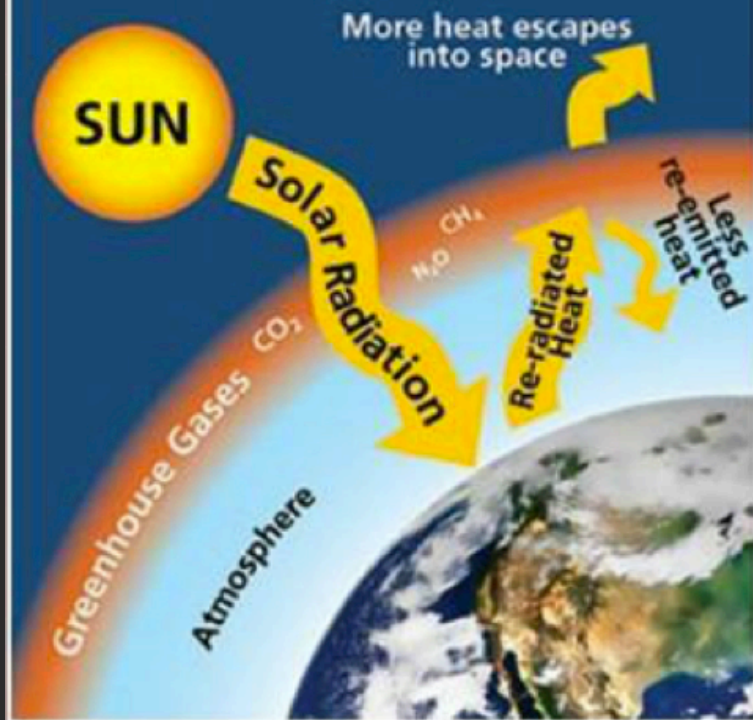




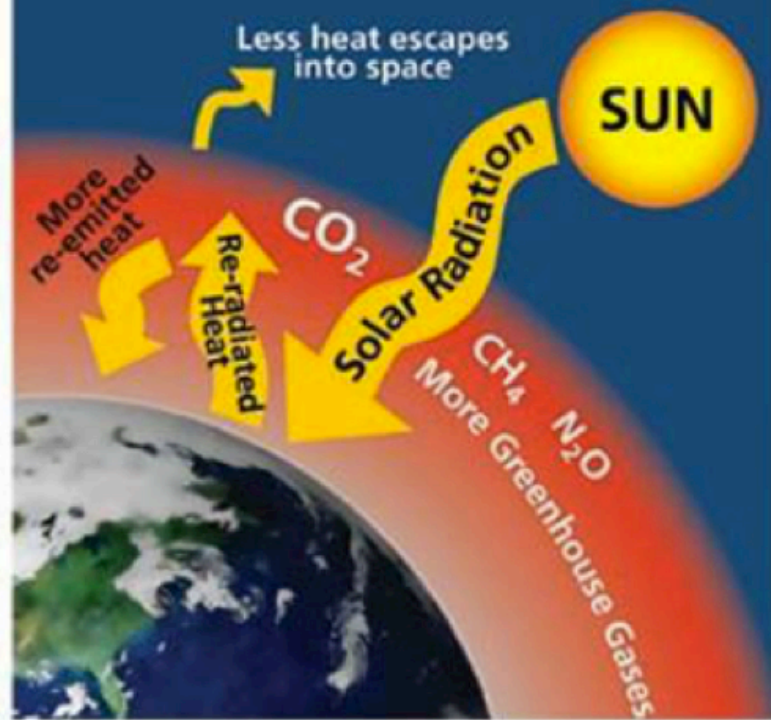
The Greenhouse Effect



Natural Greenhouse Effect

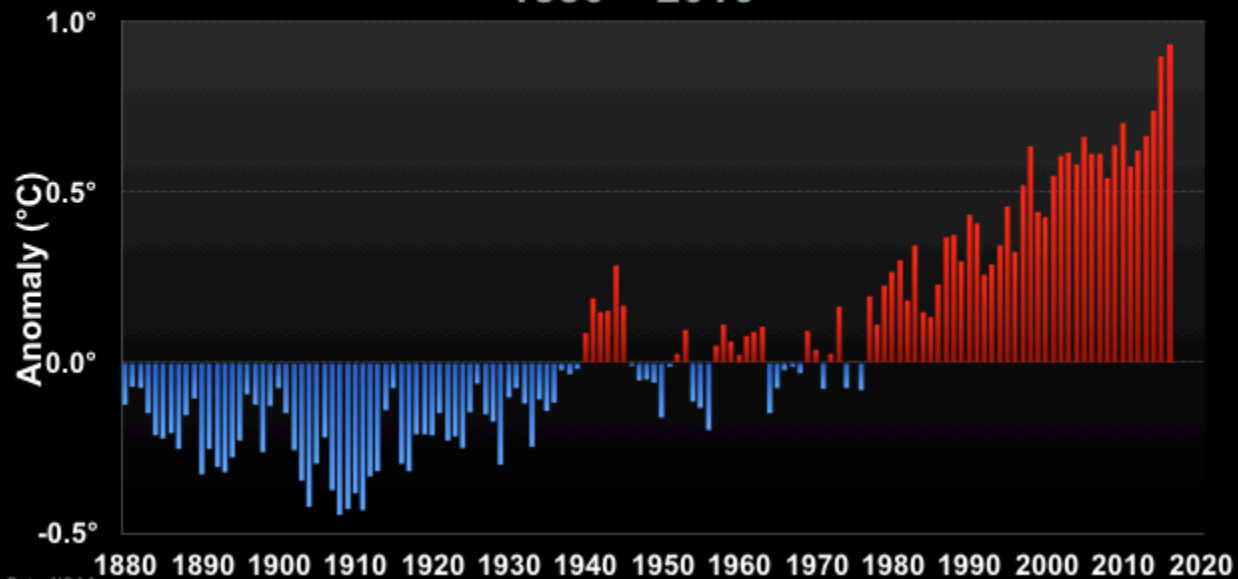


Human Enhanced Greenhouse Effect



Global Surface Temperature – Departure from Average

1880 – 2016



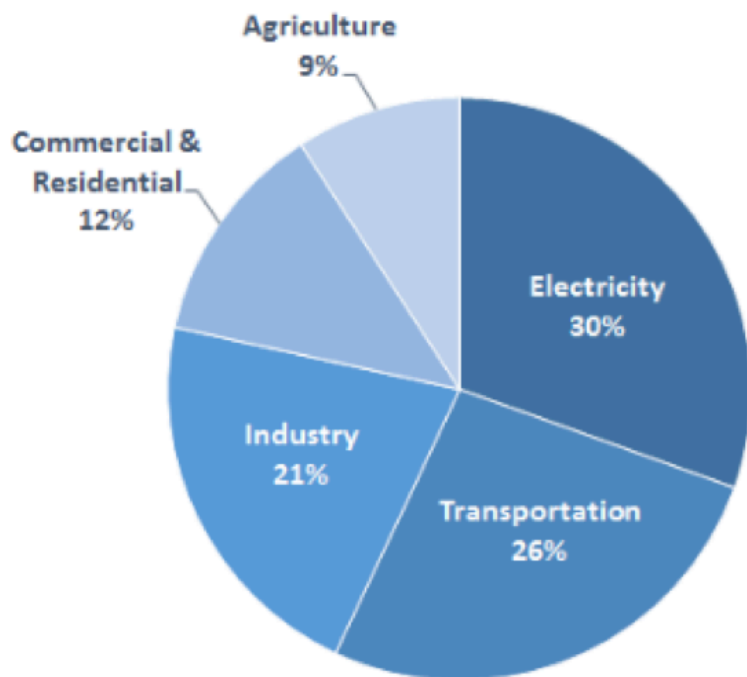
Data: NOAA

What factors have caused the rise in the global temperature over the last century?

The Biggest Sources of Greenhouse Gases



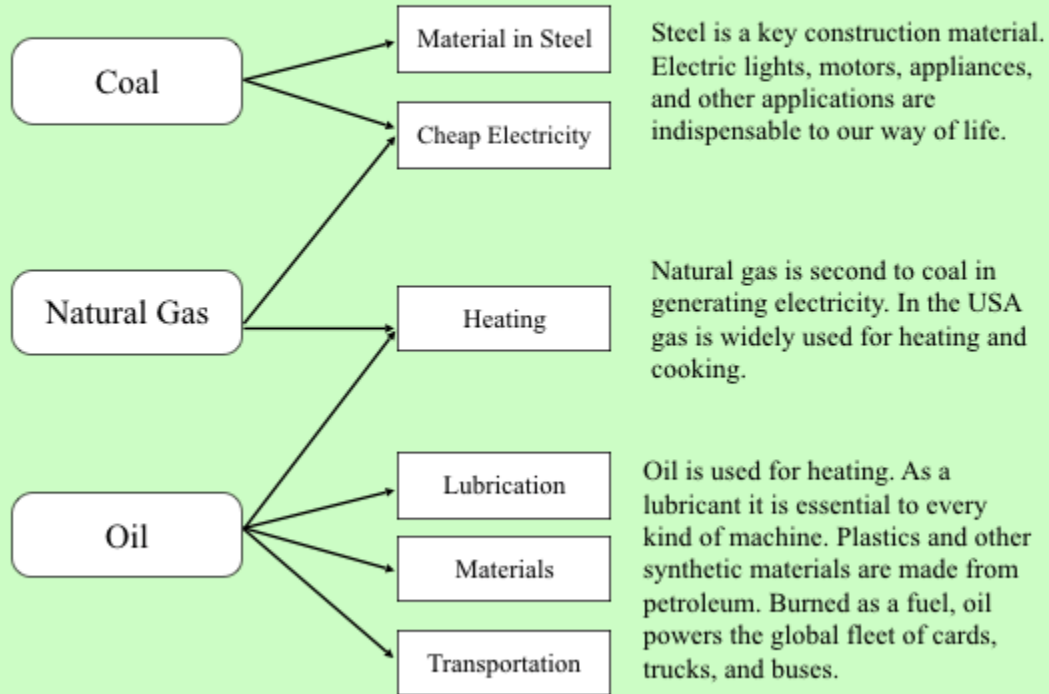
Total U.S. Greenhouse Gas Emissions by Economic Sector in 2014



Total Emissions in 2014 = 6,870 [Million Metric Tons of CO₂ equivalent](#)

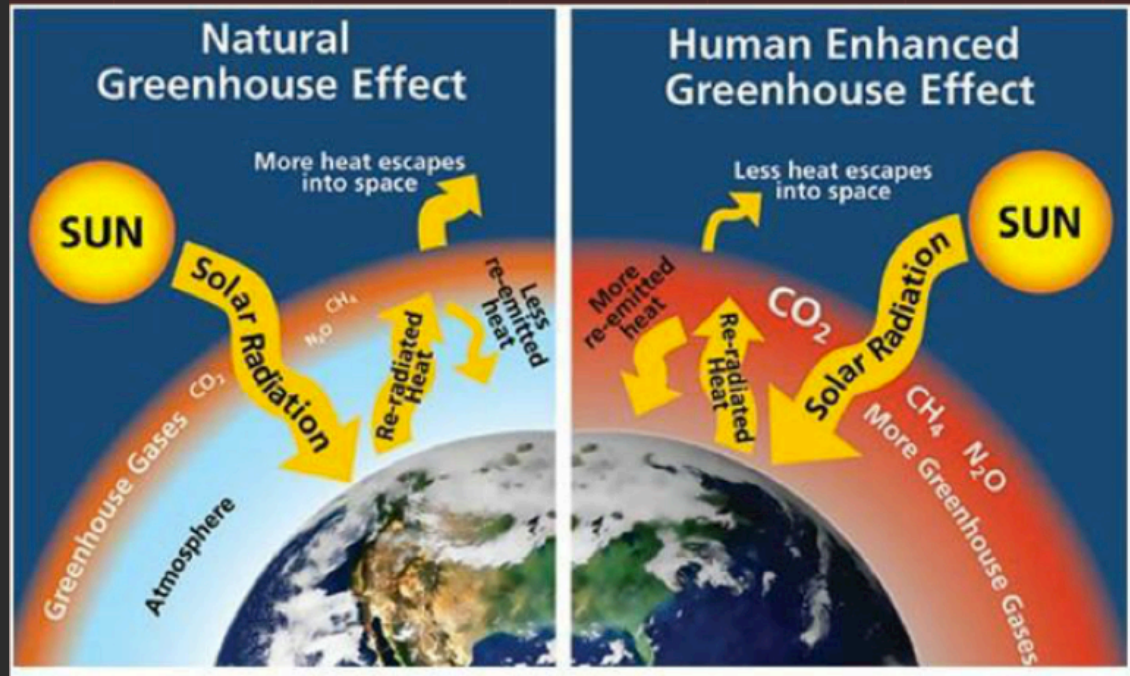


Benefits of Fossil Fuels





So how do we know that humans are causing climate change?



56 Years of CO2 at Mauna Loa

The steady rise of carbon dioxide

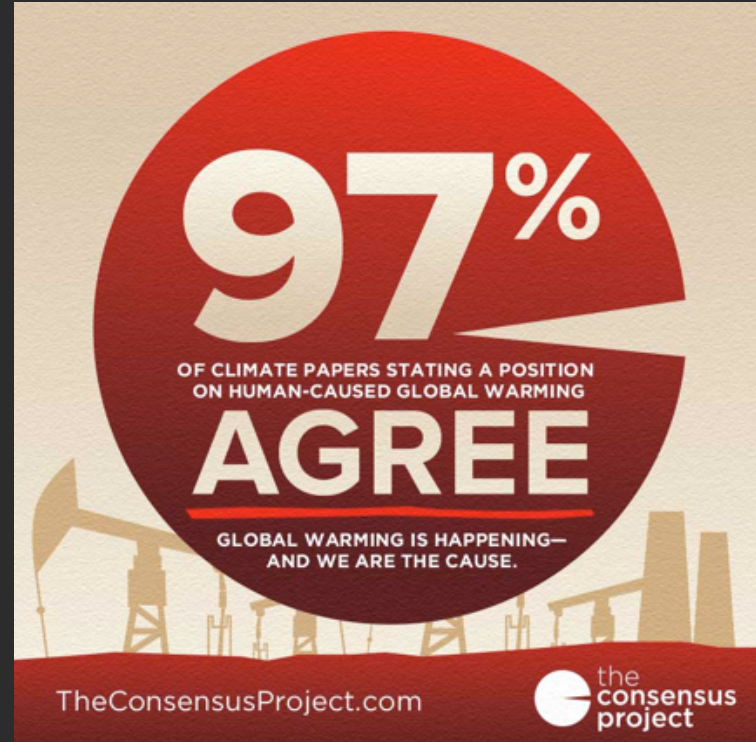


Source: Scripps CO2 Program

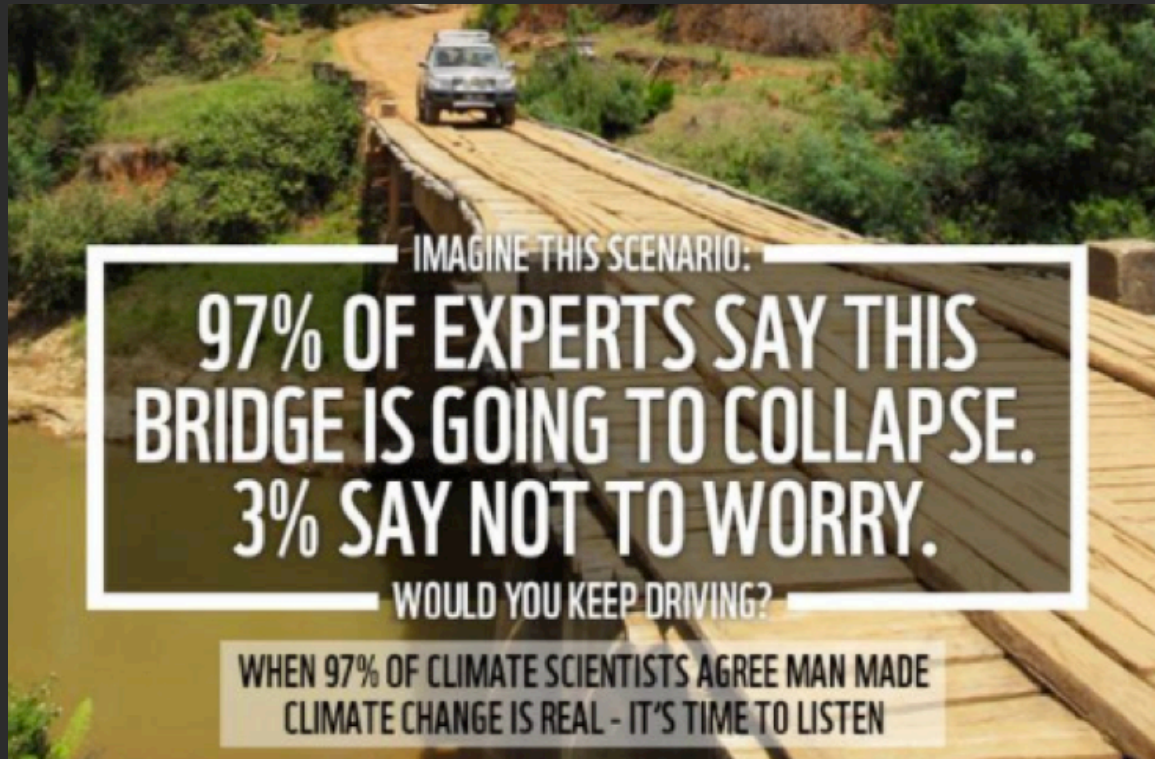
CLIMATE  CENTRAL

How do we know?

97% of Climate
Scientists agree



How do we know?



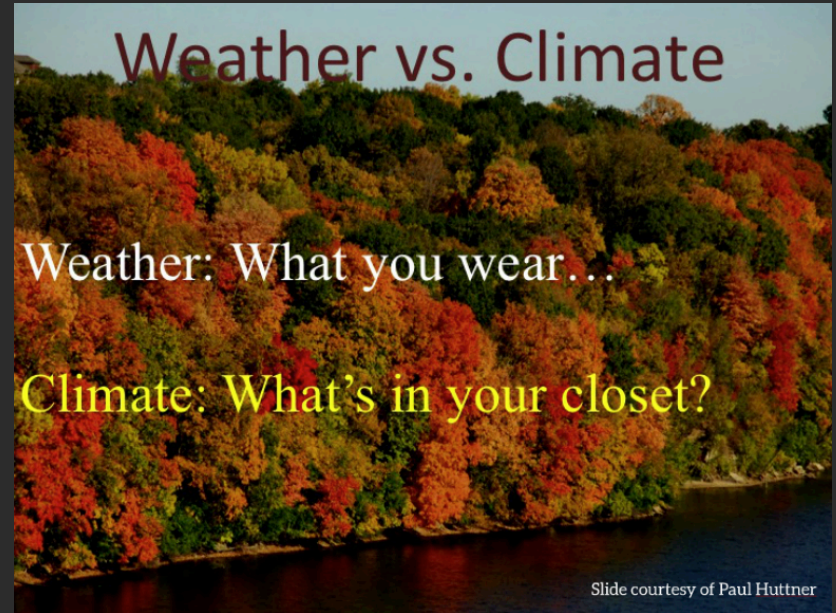
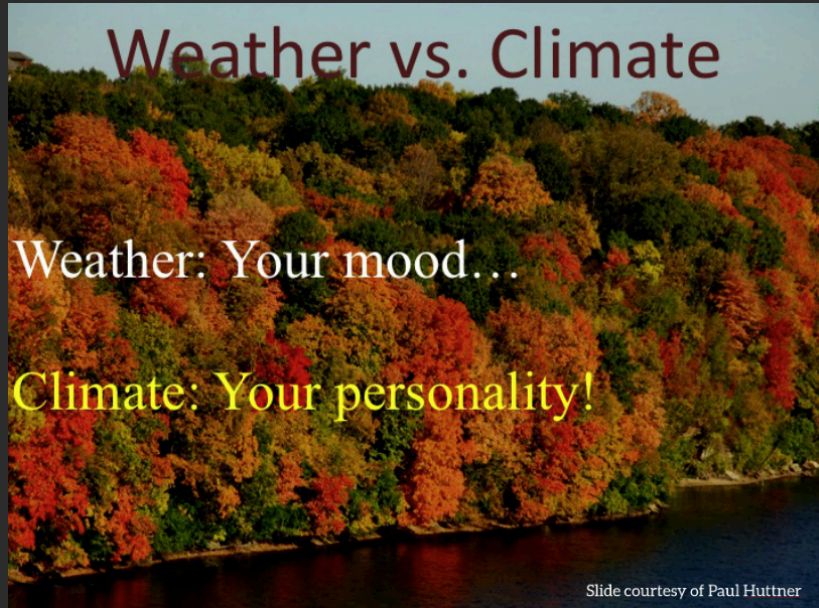
IMAGINE THIS SCENARIO:

**97% OF EXPERTS SAY THIS
BRIDGE IS GOING TO COLLAPSE.
3% SAY NOT TO WORRY.**

WOULD YOU KEEP DRIVING?

WHEN 97% OF CLIMATE SCIENTISTS AGREE MAN MADE
CLIMATE CHANGE IS REAL - IT'S TIME TO LISTEN

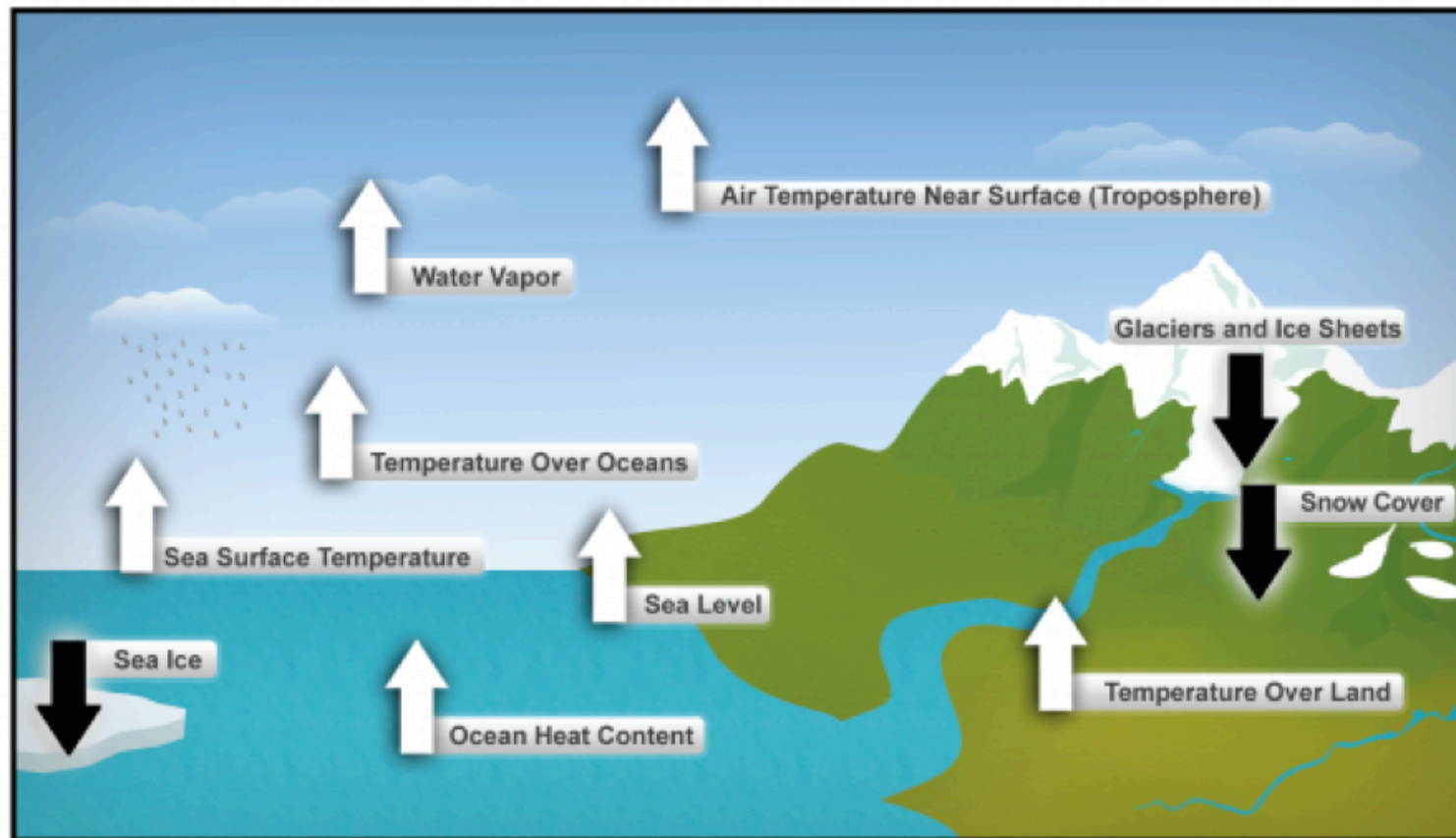
Weather vs. Climate



What we're seeing is a change in the
CLIMATE.

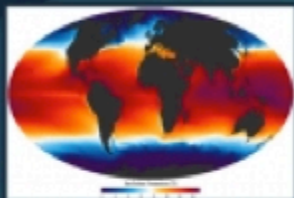
What impacts are we experiencing?

Ten Indicators of a Warming World



HURRICANES & CLIMATE CHANGE

What we know

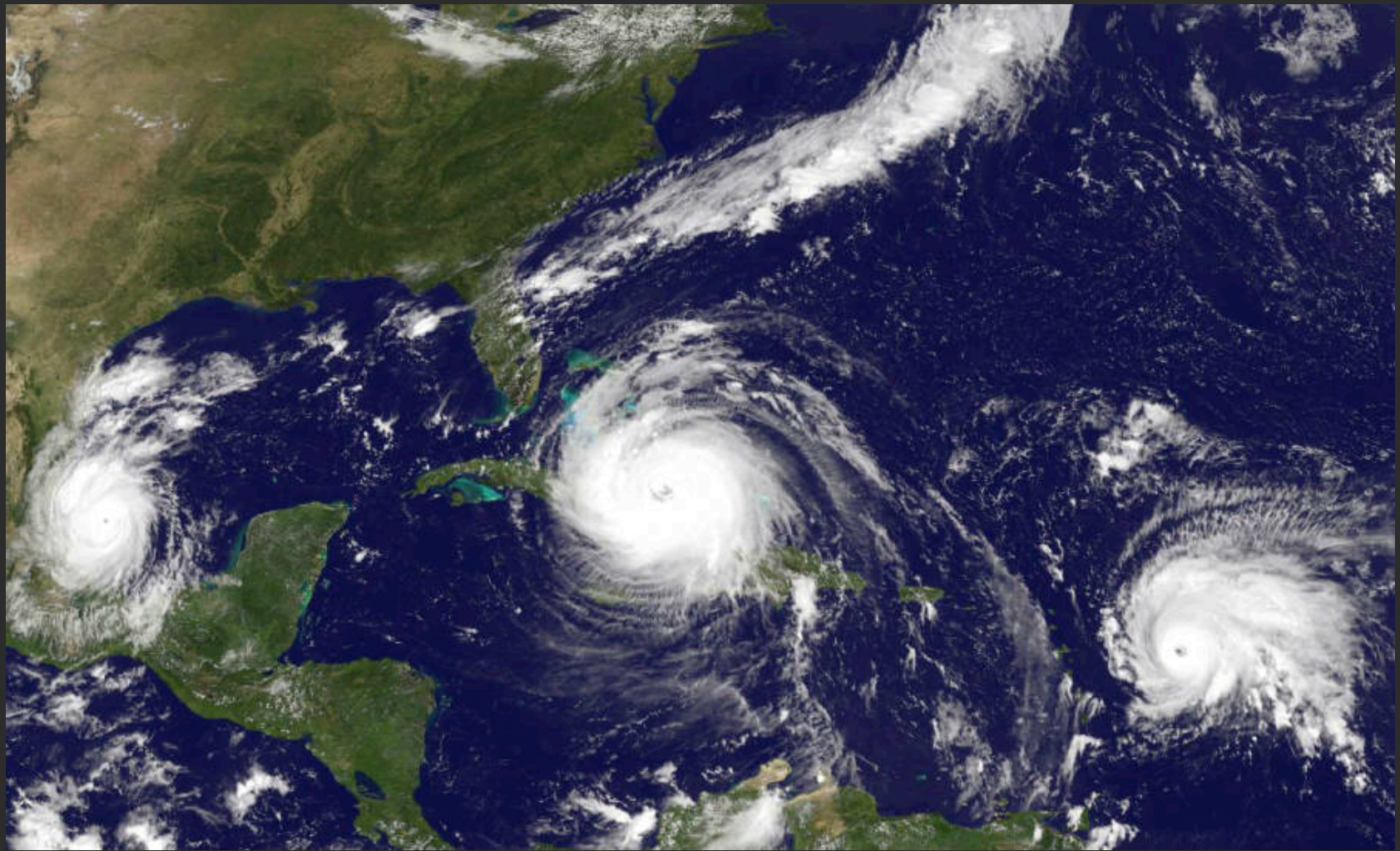


Warmer water = more fuel

Heavier rain



Higher storm surge



MORE EXTREME WEATHER

Climate Extremes Index: Temperatures, Precipitation, Tropics



Source: NOAA/NCEI Climate Extremes Index through August 2017

CLIMATE  CENTRAL

**“[Climate change]
is contributing to an
increased incidence of
extreme weather
because the environment
in which all storms form has
changed
from human activities.”**

Kevin Trenberth

U.S. National Center for Atmospheric Research

June 15, 2011

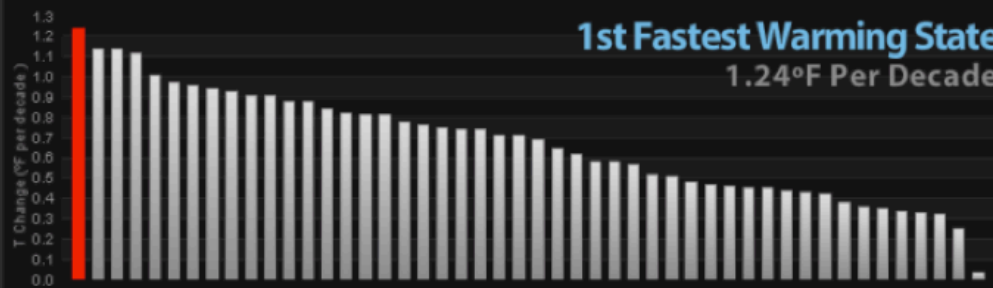
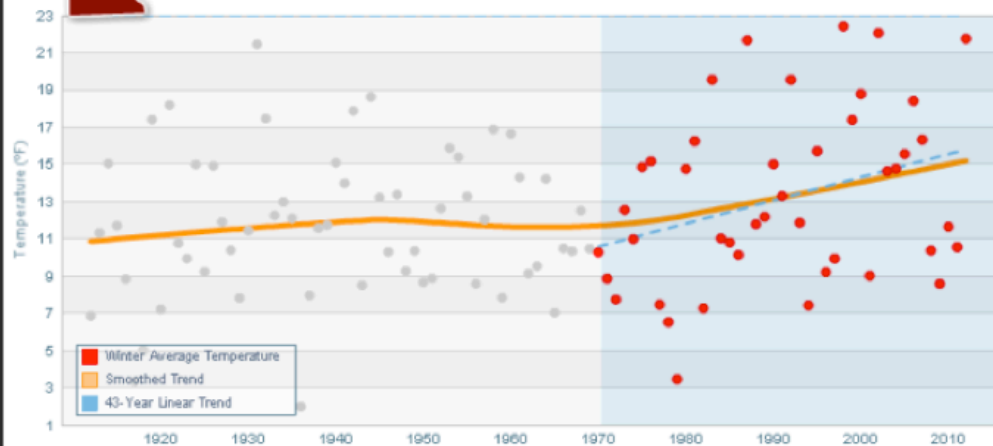


Minnesota

Warming Trend, 1970-2011



[Back to Map](#)



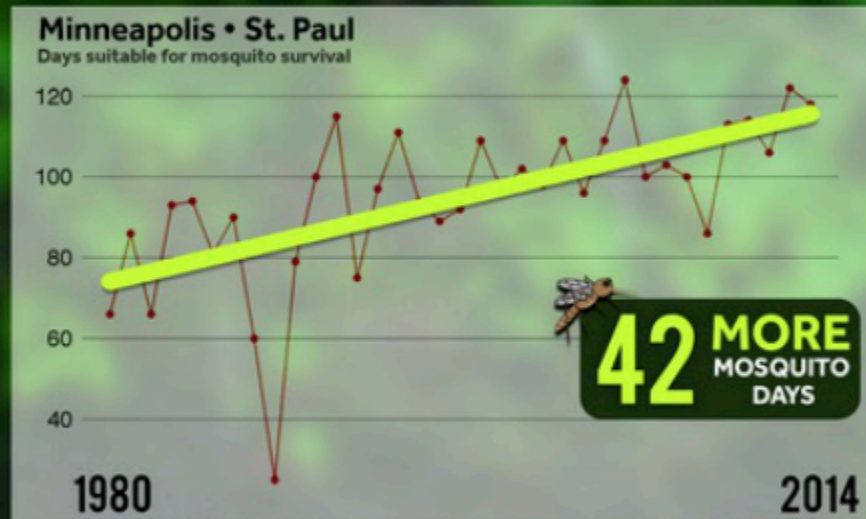
Duluth, Minnesota

June 2012




BUZZKILL

Mosquito Season
Getting Longer



Source: Yamana and Eltahir (2013), NCBI, National Institutes of Health Daymet Data, Oak Ridge National Laboratory

CLIMATE  CENTRAL



So what can we do about it?

Stories are easier to remember because in many ways, stories are how we remember ... when facts become so widely available and instantly accessible, each one becomes less valuable. What begins to matter more is the ability to place these facts in context and to deliver them with emotional impact.

- Pink 2005



Siri's Climate Story

The image shows a YouTube video player interface. The main video frame displays a woman with long brown hair, identified as Siri, smiling. In the background, a poster for 'SAINT MARY'S' is visible. The video player includes a progress bar at 58:11 / 1:00:30, a volume icon, and a row of small video thumbnails for other participants. Below the video, the title 'Climate MN Webinar, April 14, 2016' is shown, along with the channel name 'Climate Generation: A Will Steger Legacy' and a 'Subscribe' button with 221 subscribers. The view count is 136 views. At the bottom, there are icons for 'Add to', 'Share', 'More', 'Like' (0), and 'Dislike' (0).

Google

58:11 / 1:00:30

Climate MN Webinar, April 14, 2016

Climate Generation: A Will Steger Legacy

Subscribe 221

136 views

+ Add to Share ... More Like 0 Dislike 0

What is your Climate Story?

Solutions

Typically, we would offer solution workshops at this point.

Examples include:

- Nice Ride Bike Share
- Energy Efficiency
- Compost and Recycling options
- more...



Community Mapping

- Gallery Run

- What is a problem in your community?
- Why is this problem urgent?
- What are the solutions? Are they already underway?
- Who makes up the community? (corporations, youth, neighborhoods, elderly)
- What are the shared community values? (fishing, farming, faith)
- Who are the local solutions resource providers? (utility, watershed, non-profits, government)
- Who are the potential partners who might support your efforts? (Use their title only)
- What are the ways you could market this event?

In conclusion...

- What questions do you have?
- How do you sign up to host?

