

Climate Change Resource List

July 2014

Sustainable Living

www.pinellascountyextension.org

The world of climate science can be a difficult and tricky road to navigate. The Intergovernmental Panel on Climate Change produces peer-reviewed, comprehensive reports approximately every 5 years. However, the reports can be long and detailed. Below are a list of websites, including some videos, that will provide you with climate change science from well-respected organizations. This is by no means a comprehensive list, but will provide you with additional resources.

National Academy of Sciences Climate Change: Lines of Evidence Videos

<http://nas-sites.org/americasclimatechoices/videos-multimedia/climate-change-lines-of-evidence-videos/>

CAMEL Climate Change Education

<http://www.camelclimatechange.org/>

Environmental Protection Agency

<http://www.epa.gov/climatechange>

National Climate Assessment

<http://nca2014.globalchange.gov/>

Intergovernmental Panel on Climate Change

<http://www.ipcc.ch>

Florida Sea Grant

<https://www.flseagrant.org/climatechange/>

Florida Climate Institute

<https://floridaclimateinstitute.org/>

National Oceanic and Atmospheric Administration

<http://www.noaa.gov/climate.html>

National Climate Data Center

<http://www.ncdc.noaa.gov>



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Climate Change Web-Based Tools

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When we discuss climate change and associated sea level rise, it can be difficult to visualize the changes that we are talking about. Today, many government agencies, universities, and non-profit organizations are developing innovative web-based tools to help communities visualize what impacts of climate change will look like at the local level. Some tools go a step further and offer issue-based solutions. Below is a snapshot of some of these tools.

Sea Level Rise and Coastal Impacts v2.0 (NOAA)

<http://csc.noaa.gov/slr/viewer/>

Visualize potential impacts from sea level rise

Surging Seas, Sea Level Rise Analysis (Climate Central)

<http://sealevel.climatecentral.org/ssrf/florida>

Provides local regions and policy makers with the tailored local information to understand and respond to the risks of sea level rise and coastal flooding

Sea Level Trends

<http://tidesandcurrents.noaa.gov/sltrends/sltrends.html>

View regional trends of direction and magnitude of sea level change

NASA Interactive Climate Time Machine

http://climate.nasa.gov/climate_resource_center/25

Shows how some of the key indicators of climate change - such as temperature, sea ice extent and carbon dioxide concentrations have changed in Earth's recent history

Interactive Global Ice Viewer (NASA)

http://climate.nasa.gov/climate_resource_center/12

Explore this interactive to see how climate change has affected glaciers, sea ice and continental ice sheets worldwide

The Resilient House

<http://en.klimatilpasning.dk/tools/theresilienthouse/theresilienthouse.aspx>

This online wizard offers advice on how to protect your home against climate change. (The Danish Nature Agency)

Business Wizard

<http://en.klimatilpasning.dk/tools/businesswizard/businesswizard.aspx>

BusinessWizard provides an interactive guide to climate change adaptation of businesses with regard to the problems that may arise from extreme weather events

Climate Policy Maps

<http://www.c2es.org/us-states-regions/policy-maps>

Maps of state and regional climate actions in the United States

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