

Selected Forest Resources compiled from Bill Cook's "CLIMATE CHANGE ON-LINE RESOURCES" list.

National in scope:

USDOI Fish & Wildlife Service

<http://nctc.fws.gov/courses/climatechange/climateacademy/home.html>

National Climate Assessment

The National Climate Assessment summarizes the impacts of climate change on the United States, now and in the future.

A team of more than 300 experts guided by a 60-member Federal Advisory Committee produced the report, which was extensively reviewed by the public and experts, including federal agencies and a panel of the National Academy of Sciences.

<http://nca2014.globalchange.gov>

National Phenology Network

The USA National Phenology Network serves science and society by promoting broad understanding of plant and animal phenology and its relationship with environmental change. The Network is a consortium of individuals and organizations that collect, share, and use phenology data, models, and related information.

<https://www.usanpn.org>

Northern Institute of Applied Climate Science - Climate Change Response Framework

The Framework is a collaborative, cross-boundary approach among scientists, managers, and landowners to incorporate climate change considerations into natural resource management. It provides an integrated set of tools, partnerships, and actions to support climate-informed conservation and forest management. The Framework currently operates across the Midwest and Northeast, with more specific regional projects at smaller scales. Each regional project interweaves four components: science and management partnerships, vulnerability assessments, adaptation resources, and demonstration projects.

<http://www.forestadaptation.org>

Northern Institute of Applied Climate Science – The Adaptation Workbook

This is an online edition of the Adaptation Workbook, previously published in [Forest Adaptation Resources: Climate change tools and approaches for land managers](#). This step-by-step process was designed to help people consider climate change at the scale of their own management decisions and design their own customized adaptation actions. The new online environment allows users to seamlessly explore content from [regional climate change vulnerability assessments](#) and [adaptation strategies and approaches](#), all while working at their own pace.

www.adaptationworkbook.org

<http://www.nrs.fs.fed.us/pubs/40543>

Climate Change Resource Center – USDA Forest Service

The CCRC is a web-based national resource that connects land managers and decisionmakers with useable science on climate change. The site is focused on forests and grasslands, and included educational short courses, a library of climate change tools, and topic pages with more information on a wide variety of subjects.

<http://www.fs.usda.gov/ccrc/>

Climate Forests, Carbon, Fossil Fuels, Policies, etc.

Journal of Forestry special issue. 2011. 48 pp.

<http://www.safnet.org/documents/JOFSupplement.pdf>

Climate Change Atlas – Birds and Trees, USDA Forest Service

Charts suitable habitat change and does not predict changes in tree distribution.

The Climate Change Atlas documents the current and possible future distribution of 134 tree species and 147 bird species in the Eastern United States and gives detailed information on environmental characteristics defining these distributions. Please be sure to read the warnings, cautions and questions.

<http://www.fs.fed.us/nrs/atlas>

Economics of Forests as a Climate Mitigation Strategy

Recorded webinar (58 minutes) by Brian Murray, director for economic analysis at Duke University's Nicholas Institute for Environmental Policy Solutions, speaks on the economics of forests as a climate mitigation strategy at the Forestry Industry Lecture Series, University of Alberta.

<http://www.academicroom.com/video/economics-forests-climate-mitigation-strategy>

eXtension - Climate, Forests, and Woodlands

eXtension is an interactive learning environment delivering research-based information emerging from America's land-grant university system.

Lots of resource links.

http://www.extension.org/climate_forests_woodlands

Great Lakes Region:

USDA Forest Service Northern Institute of Applied Climate Science

- Forest Adaptation Resources. PDF. Swanston, Janowiak. 2012. 121 pp.
<http://www.nrs.fs.fed.us/pubs/40543>
- Climate Change / Forest Adaptation Bulletins (with MSUE)
http://www.forestadaptation.org/MI_climate_bulletins
- Vulnerability Assessment – northern WI and western UP
<http://www.nrs.fs.fed.us/pubs/46393>
- Vulnerability Assessment – northern Michigan
<http://www.nrs.fs.fed.us/pubs/45688>
- Vulnerability Assessment – northern Minnesota
<http://www.nrs.fs.fed.us/pubs/45939>
- Webinar: Adaptation and forest management in Great Lakes forests
<http://www.forestadaptation.org/node/365>
- Webinar: Climate Change Vulnerability Assessment for Northern Michigan's Forests
http://forestadaptation.org/presentations/michigan/Stephen_MI_EVAS.html

Wisconsin Initiative on Climate Change Impacts WICCI

The Mission of the Wisconsin Initiative on Climate Change Impacts is to generate and share information that can limit vulnerability to climate change in Wisconsin and the Upper Midwest.

<http://www.wicci.wisc.edu>

[Climate change projections for the entire eastern US:](http://www.wicci.wisc.edu)

http://ccr.aos.wisc.edu/resources/data_scripts/dyndown

[Climate change projections for the state of Michigan:](http://ccr.aos.wisc.edu/resources/data_scripts/LCC_MI/)
http://ccr.aos.wisc.edu/resources/data_scripts/LCC_MI/

GLISA – Great Lakes Integrated Sciences & Assessments

A number of resources, papers, documents, reports, etc.

<http://glisa.umich.edu/>

Reports - <http://glisa.umich.edu/resources/nca>

Michigan State:

MSU Center for Global Change & Earth Observations

Our Purpose is to foster interdisciplinary approaches for understanding global change at all scales using the tools of both the social and bio-physical sciences.

<http://www.globalchange.msu.edu>

MSU Extension Climate Change—people and resources

<http://climate.msue.msu.edu>

Contains links to forestry and climate change resources

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