

# Partial List of Climate Change Tools and Resources (PDFs and Websites—on Thumb Drives)

## Climate Literacy Training

April 12-14, 2010

### CC Adaptation Tools

#### **A Survey of Climate Change Adaptation Planning (PDF)**

[http://www.heinzctr.org/publications/PDF/Adaptation\\_Report\\_October\\_10\\_2007.pdf](http://www.heinzctr.org/publications/PDF/Adaptation_Report_October_10_2007.pdf)

THE H. JOHN HEINZ III CENTER FOR SCIENCE, ECONOMICS AND THE ENVIRONMENT Washington, D.C.

#### **UK Climate Impacts Program:**

##### **RISK FRAMEWORK (PDF)**

[http://www.ukcip.org.uk/index.php?option=com\\_content&task=view&id=62&Itemid=184](http://www.ukcip.org.uk/index.php?option=com_content&task=view&id=62&Itemid=184)

- UKCIP (2008). *The UKCIP Adaptation Wizard* v 2.0. UKCIP, Oxford  
[www.ukcip.org.uk/wizard](http://www.ukcip.org.uk/wizard)

© 2010 UK Climate Impacts Programme

Joomla! is Free Software released under the GNU/GPL License.

#### **noep: National Ocean Economics Program**

<http://www.oceaneconomics.org/LMR/>

Very helpful resource for general info on natural resources valuation for adaptation planning and decision-making

#### **NOAA Risk and Vulnerability Assessment Tool (RVAT)**

<http://csc.noaa.gov/rvat/>

#### **NOAA Community Vulnerability Assessment Tool**

<http://www.csc.noaa.gov/products/nchaz/startup.htm>

#### **ICLEI -ADAPTIVE AND RESILIENT COMMUNITIES (ARC) PROGRAM**

<http://www.iclei.org/index.php?id=adaptation-toolkit>

#### **NOAA HEAT/HEALTH WATCH WARNING SYSTEM IMPROVING FORECASTS AND WARNINGS FOR EXCESSIVE HEAT**

<http://www.noaaneews.noaa.gov/stories2005/s2366.htm>

#### **SLAMM: Sea Level Affecting Marshes Model**

The **Sea Level Affecting Marshes Model** (SLAMM) simulates the dominant processes involved in wetland conversions and shoreline modifications during long-term sea level rise. Map

distributions of wetlands are predicted under conditions of accelerated sea level rise, and results are summarized in tabular and graphical form. –Not developed for most of the northeast yet.

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

**SLAMM Bibliography:**

<http://warrenpinnacle.com/prof/SLAMM/Bibliography.html>

**"Planning for Climate Change" workshop** led by the WA Coastal Training Program (a course that WA Sea Grant, the Climate Impacts Group, and King County Executive Office helped develop). PowerPoint presentations are available for download at the streaming video link. <http://nerrs.noaa.gov/CTPIndex.aspx?ID=455>

## **Climate Change Adaptation Resources/Articles**

### **Smart Coastal and Waterfront Communities are Hazard Resilient Communities (PDF)**

*How using the Coastal Smart Growth Elements introduced in Smart Growth for Coastal and Waterfront Communities can help create hazard resilient communities*

### **ADAPTING TO COASTAL CLIMATE CHANGE**

#### **A Guidebook for Development Planners, May 2009 (PDF)**

United states agency for international development (USaid). it was prepared by the Coastal Resources Center–University of Rhode island (cRc–URi) and international Resources group (iRg).

### **Now more than ever: The need for more societally relevant research on vulnerability and adaptation to climate change (PDF)**

Susanne C. Moser a,b,\*

a Institute of Marine Sciences, University of California-Santa Cruz, Santa Cruz, CA 95064, United States

b Susanne Moser Research & Consulting, 134 Shelter Lagoon Drive, Santa Cruz, CA 95060, United States

### **Good Morning, America! The Explosive U.S. Awakening to the Need for Adaptation (PDF)**

With Support from the California Energy Commission and the National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center  
Susanne C. Moser, Ph.D.

### **Preparing for Climate Change: A Guidebook for Local, Regional, and State Governments (PDF)**

<http://ceses.washington.edu/cig/fpt/guidebook.shtml>

### **Coastal Climate Adaptation website (NOAA)**

Learn What Others are Doing. Share Strategies. Get Basic Information.

<http://community.csc.noaa.gov/climateadaptation/>

**Trends in Extreme Precipitation Events for the Northeastern United States 1948-2007 (PDF)** Susan G. Spierre, M. Sc., UNH; Cameron Wake, Ph.D., UNH  
© 2010; Carbon Solutions New England, University of New Hampshire

## **Communicating Climate Change and Community Based Tools**

### **The Psychology of Climate Change Communication A Guide for Scientists, Journalists, Educators, Political Aides, and the Interested Public (PDF)**

*Citation:* Center for Research on Environmental Decisions. (2009). *The Psychology of Climate Change Communication: A Guide for Scientists, Journalists, Educators, Political Aides, and the Interested Public*. New York.

For an online version of this guide, visit [cred.columbia.edu/guide](http://cred.columbia.edu/guide).

### **CREG Guide Poster (PDF)**

### **Collaborative Learning Guide For Ecosystem Management (PDF)**

By Christine Baumann Feurt, Ph.D.

Wells Estuarine Research Reserve and CICEET

### **Quick Reference:**

#### **Community-Based Social Marketing (PDF)**

By Doug McKenzie-Mohr, Ph.D., Environmental Psychologist

Can find the complete guide at his website

[www.cbsm.com](http://www.cbsm.com)

### **COMMUNICATING SUSTAINABILITY: How to produce effective public campaigns (PDF) UNEP, futerra: sustainability communications**

### **new rules: new game (PDF)**

**Communications tactics for climate change.**

### **SIZZLE: the new climate message (PDF)**

**futerra sustainability communications**

### **Visual Understanding Environment—Tufts University**

At its core, the Visual Understanding Environment (VUE) is a concept and content mapping application, developed to support teaching, learning and research and for anyone who needs to organize, contextualize, and access digital information. Using a simple set of tools and a basic visual grammar consisting of nodes and links, faculty and students can map relationships between concepts, ideas and digital content.

<http://vue.tufts.edu/>

### **COSEE OCEAN SYSTEMS**

<http://cosee.umaine.edu>

**Center for Ocean Sciences Education Excellence**

**Concept Mapping and state of the art software and education**

Their goal is to create and evaluate interconnected tools and techniques that broaden understanding of oceans in the context of the earth and solar systems. This next year will be working to develop community climate change adaptation addition to software.

## **Communicating Climate Change Resources**

### **global warming's six americas 2009: An Audience Segmentation Analysis (PDF)**

This study was conducted by the Yale Project on Climate Change and the George Mason University Center for Climate Change Communication.

Principal Investigators: Edward Maibach, MPH, PhD; Connie Roser-Renouf, PhD; Anthony Leiserowitz, PhD, Center for Climate Change Communication; Department of Communication, George Mason University; Yale Project on Climate Change; School of Forestry and Environmental Studies, Yale University

### **Communicating on Climate Change: An Essential Resource for Journalists, Scientists, and Educators (PDF)**

Bud Ward

Edited by Sunshine Menezes

### **Public Outreach and Behavior Change: *An annotated reference guide for outreach practitioners (PDF)***

Research and text by Gwenn Kubeck  
Marine Resource Management Program  
Oregon State University

### **Hold that Thought! Questioning five common assumptions about communicating with the public (PDF)**

Joe Cone, Oregon Sea Grant

### **Expand your View: Insights for public communicators from behavioral research (PDF)**

<http://seagrants.oregonstate.edu/sgpubs/onlinepubs.html#socialsci>

### **Climate Literacy: The Essential Principles of Climate Science**

To download this guide and related documents, visit

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

## **Online Training Programs**

**Fitting the Pieces Together—Online Training for Meteorologists**  
[http://www.meted.ucar.edu/bmet\\_training.php](http://www.meted.ucar.edu/bmet_training.php)

**Adapting to Climate Change: A Short Course for Land Managers**  
[http://www.fs.fed.us/ccrc/hjar/index\\_st.html](http://www.fs.fed.us/ccrc/hjar/index_st.html)

## **In-House Websites**

**NART/SG CLIMATE LITERACY WIKI**  
<https://nartnetclimateliteracyexchange.pbworks.com/>

**SEA GRANT COASTAL CLIMATE WIKI**  
<http://coastalclimatewiki.org>

## **Articles of Interest**

**The Yale Forum on Climate Change and the media**  
Editor: Bud Ward  
<http://www.yaleclimatemediaforum.org/index.php>

*The science of climate change*

**The clouds of unknowing**

**There are lots of uncertainties in climate science. But that does not mean it is fundamentally wrong**

Mar 18th 2010 | From *The Economist* print edition

[http://www.economist.com/displaystory.cfm?story\\_id=15719298](http://www.economist.com/displaystory.cfm?story_id=15719298)

**Global Change: The Intersection of Nature and Culture**

**On psychology of climate change** - the following set of posts may be helpful:

<http://www.globalchangeblog.com/2009/11/why-dont-people-seem-to-get-climate-change-overview/>

Phil Camill, Professor at Bowdoin University, wrote a series of posts late last year (see right-hand menu links) on why people don't engage in climate change, including issues with environmental literacy, communication literacy, personal perceptions, political-economic

context, etc. Lots of good references to other research in climate change communication are embedded in his discussion.