**Climate Readings Mkg 610 AU 2010**

**Climate Readings from *State of the World 2009***
**Chapter Downloads at** http://www.worldwatch.org/node/5984

- **State of the World at a Glance—**a bulleted summary of key facts and innovations covered in *State of the World 2009*. http://www.worldwatch.org/node/5988
- **Chapter 1, "The Perfect Storm,"** by Christopher Flavin and Robert Engelman, in *State of the World 2009: Into a Warming World*, World Watch Institute. http://www.worldwatch.org/files/pdf/SOW09_chap1.pdf

**Focus on Climate Change Fact Sheet,** The H. John Heinz III Center for Science, Economics and the Environment
http://www.heinzcenter.org/ecosystems/2008report/pdf_files/Climate_Fact_Sheet.pdf

**Carbon Budget, Summary Highlights (full)** Global Carbon Project
http://www.globalcarbonproject.org/carbonbudget/08/hl-full.htm

**Global Climate Change Impacts in the United States (Key Findings) -** U.S. Global Change Research Program (USGCRP) http://www.globalchange.gov/publications/reports/scientific-assessments/us-impacts/key-findings

**Global Warming Facts & Our Future** – Marian Koshland Science Museum of the National Academy of Sciences – [interactive] http://www.koshland-science-museum.org/exhibitgcc/index.jsp

**Pew Center on Global Climate Change/Business** To inform its research and advance action on climate change, the Pew Center on Global Climate Change collaborates extensively with the business community. Two primarily vehicles for business engagement include the Center's Business Environmental Leadership Council (BELC) and membership in the U.S. Climate Action Partnership.
http://www.pewclimate.org/business

**The Carbon Disclosure Project (CDP)** is an independent not-for-profit organizations aiming to create a lasting relationship between shareholders and corporations regarding the implications for shareholder value and commercial operations presented by climate change. Its goal is to facilitate a dialogue, supported by quality information, from which a rational response to climate change will emerge. http://www.cdproject.net/

**The Climate Registry** is a nonprofit organization that establishes consistent, transparent standards throughout North America for businesses and governments to calculate, verify, and publicly report their carbon footprints in a single, unified registry. Forty U.S. and Mexican states, Canadian provinces and territories, and Native American sovereign nations have signed the Registry's "Statement of Principles and Goals," and there are more than 200 members and growing. E & E is a founding reporter to the Registry, and we provide support to organizations in calculating and registering their emissions.
www.theclimateregistry.org

**EDF's Climate Corps** MBA students from the country's top business schools spend a summer working with companies to help them reduce their environmental footprint, save energy and save money.
http://www.edf.org/page.cfm?tagID=28123

**United States Climate Action Partnership (USCAP)** is a group of businesses and leading environmental organizations that have come together to call on the federal government to quickly enact strong national legislation to require significant reductions of greenhouse gas emissions. USCAP has issued a landmark set of principles and recommendations to underscore the urgent need for a policy framework on climate change

http://www.us-cap.org/

**Supply Chain Carbon Coalition** http://www.greenlogisticsforum.com/europe/coalition.pdf
**The MBA's Climate Change Primer: A Concise Summary of the Science, Politics, and Economics of Climate Change for Business Executives –** Stanford University
http://www.gsb.stanford.edu/pmp/pdfs/ClimateChange_2005PMI.pdf

**Explanation of Cap and Trade** http://marketplace.publicradio.org/videos/whiteboard/cap_and_trade.shtml

**Climate Change—World Business Perspectives** Navigate the map to find the latest insight into the issues that matter to businesses around the world, and see how they are taking up the challenge of transition to a global low emissions future. Use the columns below the map to filter what you see by theme, business sector and issue or search for information in the box below. http://www.wbcsd.org/web/climate/climate.html

**Facts and trends to 2050: Energy and Climate Change –** WBCSD
http://www.wbcsd.org/DocRoot/FjSOTYajhk3cIRxCbijT/Basic-Facts-Trends-2050.pdf

**The NEW climate deal: A pocket guide—** WWF International
http://assets.panda.org/downloads/wwf_climate_deal_1.pdf

**"Climate Science 101,"** ONEARTH, Global Warming Special Issue, NRDC
http://www.nrdc.org/onearth/05fal/climate.pdf

**350 [PPM] Global Warming, Global Action, Global Future** http://www.350.org/

**UNEP Yearbook 2008 [**download] focus on climate http://www.unep.org/geo/yearbook/yb2008/

**The National Snow and Ice Data Center** http://nsidc.org/

**National Climatic Data Center**[Among other things, visit Data & Prodicts "Search by Map"]
http://www.ncdc.noaa.gov/
http://gis.ncdc.noaa.gov/website/ims-entrymap/viewer.htm
http://www.ncdc.noaa.gov/sotc/?report=global&year=2010&month=6&submitted=Get+Report

**Stories in the Ice,** by Steven Tyson, NOVA Online Producer [information on ice core data]
http://www.pbs.org/wgbh/warming/stories/

**The Ice Ages** -- Paleo Slide Set -- NOAA Paleoclimatology
http://www.ncdc.noaa.gov/paleo/slides/slideset/11/index.html

**BP Carbon Footprint Calculator**
http://www.bp.com/extendedsectiongenericarticle.do?categoryId=9021749&contentId=7044493

**EPA Personal Emissions Calculator** http://www.epa.gov/climatechange/emissions/ind_calculator.html

**Climate Crisis Carbon Calculator** http://www.climatecrisis.net/takeaction/carboncalculator/

**Safe Climate Carbon Calculator** http://www.safeclimate.net/calculator/

**True Cost of Driving Online Calculator** When considering the cost of driving, most people think only about how much they pay for gas. Drivers also pay to buy and maintain a car, including tune-ups, oil and

tires, as well as for insurance, registration, and parking. Indirect costs of driving, such as road construction and maintenance, add to drivers' financial burden through taxes and fees. In addition, there are quality of life costs that drivers and non-drivers alike pay to support automobile transportation. Though challenging to quantify, these added impacts include air pollution, traffic congestion, and health care. Santa Cruz County [CA] Regional Transportation Commission http://www.commutesolutions.org/calc.htm

**FuelEconomy.gov – [click on "Find and Compare Cars" to get mpg, greenhouse gas, and pollution ratings]** http://www.fueleconomy.gov/

**Commute Cost Calculator,** CICS-Central Indiana Commuter Service
http://www.327ride.net/commutecalculator.aspx

**Gas Saving Tips – Ten Ways to Save Money at the Pump** Sierra Club
http://www.sierraclub.org/globalwarming/gas_savers/

**Hypermilng** http://www.popgadget.net/2008/06/green_tech_how.php

**Gas Mileage Tips** http://www.fueleconomy.gov/feg/drive.shtml

**Climate Time Machine** (interactive)
http://climate.jpl.nasa.gov/ClimateTimeMachine/climateTimeMachine.cfm

**The NEW climate deal: A pocket guide—** WWF International
http://assets.panda.org/downloads/wwf_climate_deal_1.pdf

**Bloom BBC interactive Climate Saving GHG strategies** http://www.bbc.co.uk/bloom/flash.shtml

**Visualizing $CO_2$ Emissions from Household Activities** http://apac.vividas.com/5807_DOI/web/

**Wake Up, Freak Out - then Get a Grip** from Leo Murray on Vimeo. It turns out that the way we have been calculating the future impacts of climate change up to now has been missing a really important piece of the picture. It seems we are now dangerously close to the tipping point in the world's climate system; this is the point of no return, after which truly catastrophic changes become inevitable
http://www.wakeupfreakout.org/film/tipping.html

**NASA Carbon Dioxide Quiz** http://climate.nasa.gov/quiz/index.cfm

**Global Climate Change – NASA's Eyes on the Earth** http://climate.nasa.gov/

**MTV Switch** http://www.mtvswitch.org/en/

**MTV's Break the Addiction**
http://www.mtv.com/thinkmtv/features/environment/break_the_addiction/index_12steps.jhtml

**ClimateWizard** enables technical and non-technical audiences alike to access leading climate change information and visualize the impacts anywhere on Earth. The first generation of this web-based program allows the user to choose a state or country and both assess how climate has changed over time and to project what future changes are predicted to occur in a given area. ClimateWizard represents the first time ever the full range of climate history and impacts for a landscape have been brought together in a user-friendly format. With ClimateWizard you can: view historic temperature and rainfall maps for anywhere in the world; view state-of-the-art future predictions of temperature and rainfall around the world; view and download

climate change maps in a few easy steps. The Nature Conservancy, University of Washington, University of Southern Mississippi. http://www.climatewizard.org/

**Global Warming Solutions : Five-Step Plan to Repower, Refuel, and Rebuild America** natural Resources Defense Council http://www.nrdc.org/globalWarming/solutions/default.asp

**The Copenhagen Diagnosis: Climate Science Report** It is more than three years since the drafting of text was completed for the Intergovernmental Panel on Climate Change (IPCC) Fourth Assessment Report (AR4). In the meantime, many hundreds of papers have been published on a suite of topics related to human-induced climate change. The purpose of this report is to synthesize the most policy-relevant climate science published since the close-off of material for the last IPCC report. [Read executive summary] http://www.copenhagendiagnosis.com/executive_summary.html

**Global Warming: A Mind-Mapper's Guide to Science and Solutions,** Jane Genovese http://live-the-solution.com/wp-content/uploads/global-warming-ebook.pdf

**Climate Interactive (Scoreboard)** is building a community that creates, shares, and uses credible models, accessible simulations, and related media in order to improve the way leaders and citizens around the world think about the climate. Our purpose is to get these sims and insights into the world as accessible products so they can be tweaked, enhanced, translated, distributed and used to power change around the world. http://climateinteractive.org/scoreboard

**Animation of the greenhouse effect** http://earthguide.ucsd.edu/earthguide/diagrams/greenhouse/
**Animation of the greenhouse effect** http://www.planetguide.net/book/chapter_3/greenhouse1.html

**Global Climate Change: NASA's Eyes on the Earth** http://climate.nasa.gov/

***Global Warming's Six Americas, January 2010.*** Leiserowitz, A., Maibach, E., & Roser---Renouf, C. (2010) Yale University and George Mason University. New Haven, CT: Yale Project on Climate Change. http://environment.yale.edu/uploads/SixAmericasJan2010.pdf

**Global Warming's "Six Americas" An Audience Segmentation** Anthony Leiserowitz, PhD, Yale Project on Climate Change, Edward Maibach, MPH, PhD, Connie Roser-Renouf, PhD George Mason University Center for Climate Change Communication http://www.climatechangecommunication.org/images/files/SixAmericas-final-v3-Web.pdf

**Climate Polling for the NRDC Action Fund** http://climateprogress.org/wp-content/uploads/2010/08/Benenson-epa-poll-8-30-10-2.pdf

**The Climate Change Generation? Survey Analysis of the Perceptions and Beliefs of Young Americans** [Digest http://e360.yale.edu/content/digest.msp?id=2303] http://e360.yale.edu/images/digest/The_Climate_Change_Generation_2010-1.pdf

**Large Majority of Americans Support Government Solutions to Address Global Warming, June 9, 2010**, Woods Institute for the Environment, Stanford University http://woods.stanford.edu/research/americans-support-govt-solutions-global-warming.html

**Global Warming Poll, Stanford University, Conducted by GfK Roper Public Affairs & Corporate Communications,** Interview dates: June 1 – June 7, 2010 http://woods.stanford.edu/docs/surveys/Global-Warming-Survey-Selected-Results-June2010.pdf

**NOAA Climate Services** http://www.climate.gov/#climateWatch

**Chicago Climate Exchange (CCX)** www.chicagoclimatex.com/

**Climate TechBook** Greenhouse gas emissions come from diverse sources across the economy. The magnitude of emissions and diversity of sources means that no single technology, policy, or behavioral change will be able to "solve" climate change. Rather, a portfolio of solutions is needed. A wide range of technologies already exist, or are currently under development, to facilitate greenhouse gas emission reductions. http://www.pewclimate.org/climate-techbook

**NOAA Climate Services** [both beginning and ending time boundaries may be adjusted on the Global Climate Dashboard] http://www.climate.gov/#climateWatch

"**Outcomes - How does business view the climate challenge?** The science is accepted. Business does not question climate science. The issue was not brought up by any panelist at the Business Day" (http://www.wbcsd.org/Plugins/DocSearch/details.asp?DocTypeId=251&ObjectId=MzY5NTc).

The **"Copenhagen Business Day"** event convened at the headquarters of the Confederation of Danish Industry, in Copenhagen, Denmark, on 11 December 2009. Organized by the World Business Council for Sustainable Development (WBCSD) and the International Chamber of Commerce (ICC), together with the Confederation of Danish Industry, Copenhagen Business Day met in parallel to the UN Copenhagen Climate Change Conference. The event featured more than 40 speakers and panelists, with over 400 participants registered to attend the one-day meeting. Copenhagen Business Day featured an opening plenary titled "Let's get moving," during which UNFCCC Executive Secretary Yvo de Boer challenged participants to consider their role in addressing climate change; three parallel sessions titled "2012: Realizing the potential of today's solutions," "Actions now that set the course for 2020" and "Envisioning our 2050 Future"; and a series of panel discussions among CEOs titled "Taking the gloves off." The event concluded with the launch of the WBCSD Value Chain Initiative and a reception.
http://www.iisd.ca/climate/cop15/bd/ [click on htm or pdf on left for summary report]

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**The Copenhagen Communiqué on Climate Change** is the definitive progressive statement from the international business community ahead of the United Nations (UN) climate change conference in Copenhagen in December 2009. In the run up to the COP-15, it secured the support of over 950 companies, from the US, EU, Japan, Australia and Canada, to Brazil, Russia, India, China and South Africa; ranging from the world's largest companies and best known brands, to Small and Medium sized Enterprises (SMEs).
http://www.copenhagencommunique.com/

**How it All Ends** Climate Intervention Decision Matrix (Wondering Mind42)
http://www.youtube.com/watch?v=zORv8wwiadQ