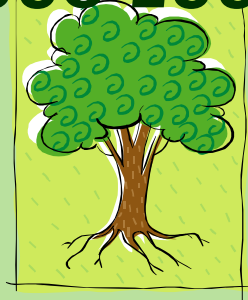




2008-2009 Greener Campus Series



February 12, 2009

Education & Climate Policy – What Role Can Higher Ed Play?

National Wildlife Federation®
CAMPUS
ecology®



Speakers

- **Patrick Fitzgerald – National Wildlife Federation**
Senior Legislative Representative in Education
- **Heather White – National Wildlife Federation**
Director of Education Advocacy
- **Joe Mendelson – National Wildlife Federation**
Director of Global Warming Policy



Overview

- **Higher Education and the Economic Recovery Package**
- **University Sustainability Program**
- **Community College Legislation**
- **Overview of Comprehensive Cap and Trade Global Warming Legislation**
- **Education Role in Global Warming Bill**



University Sustainability Program

- **New Federal Program for Sustainability on College Campuses**
- **Supports Operations, Curriculum Integration, Research and Training**
- **Next Step – Funding for FY2010!**



Role for Community Colleges

- **Community College Sustainability Act**
- **2008 Bill by Senators Wyden and Smith**
- **Education Ranging from Green Construction to Sustainable Culinary Practices**
- **Next Steps – Introduce Legislation**



Status of U.S. Climate Legislation

Science Shows Need For Action

- Emissions of CO₂ increasing faster than business-as-usual (and early signs of increases in methane sources due to melting permafrost make the emissions situation even more worrisome).
- Sea-level rise rates are likely larger than previously projected (including a new study that indicates that collapse of the West Antarctic Ice Sheet could be even more disastrous for North America).
- Arctic sea ice melting more rapidly than expected.
- Southwest US transitioning to a more arid climate already.
- Widespread increase in mortality of forests in the Western U.S.
- In sum, recent science supports the strongest and fastest cuts in global warming pollution possible.



President Obama's Pledges

- **Ensure 10% of our electricity comes from renewable sources by 2012, and 25% by 2025.**
- **Implement an economy-wide cap-and-trade program to reduce greenhouse gas emissions 80% by 2050.**
- **Be a leader in international treaty process.**
- **Appointees to White House, EPA, etc.**



What Is Cap and Trade?

“Cap and Invest”

- **Sets mandatory emission targets**
 - **2020 and 2050 Targets**
- **Allowances 1 MMT each**
 - **Reduce pollution or purchase allowances yearly**
- **Invest Three Ways**
 - **Solutions to Climate Change**
 - **Fairness to Low Income Consumers**
 - **Impacts of Climate Change**



Is 2009 The Year ?

House of Representatives

- Henry Waxman (CA)
 - Chair, Energy & Commerce
 - Past bill 14% reduction by 2020 and 80% by 2050
 - Bill out committee by Memorial Day
- Ed Markey (MA)
 - Chair, E&C, Subcmte on Energy and Air Quality
 - Past bill 20% by 2020 and 85% by 2050
- Nancy Pelosi (CA)
 - Speaker of the House
 - Legislation on the floor before December



Is 2009 The Year?

Senate

Barbara Boxer (CA)

- Chair, Environment and Public Works
- Last year led bill 19% by 2020, 71% by 2050
- Says bill out her committee by December
- Six Principles of Climate Legislation:
 - Reduce emissions to levels guided by science to avoid dangerous global warming.
 - Use revenues to keep consumers whole, invest in clean energy technologies, assist in adapting to global warming impacts; and support efforts to conserve wildlife and natural systems threatened by global warming.



Is 2009 The Year?

- **House (need 218)**
 - **Current estimate 173 Yes; 38 Probable = 211**
 - **Pool of 58 “swing votes”**
- **Senate (need 60)**
 - **Current estimate 31 Yes; 9 Probable = 40**
 - **Pool of 23 “swings votes”**
- **Some Key Battleground States**
 - **AR, IN, LA, MI, NC, ND, PA, TN, VA**



What Can You Do To Help?

- **Contact Your Legislators**
- **Visit NWF Climate Action Center**
www.nwf.org/ClimateAction



Global Warming Education

- **K-12**
- **School-To-Work**
- **Higher Education**
- **Professional Re-Education**
- **Consumer / Public Education**



Global Warming Education

- **\$1-\$4 billion / year: Murray / Snowe Amendment to CSA (Climate Security Act)**
- **\$3.8 billion over 7 years: Doggett - Climate Matters Act**
- **\$50 million / year: Markey – iCAP Act**
- **2007 Obama Bill on Global Warming Education**



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NATIONAL WILDLIFE FEDERATION®



Chill Out: Campus Solutions to Global Warming Earth Day Webcast on April 15

Register to watch the broadcast and get a **FREE** mp3 from **The Steps** and get entered into a contest to win a **FREE Kaplan Test Prep Course**. The campus that has the most students registered will win a **free concert from The Steps**.

Register at www.campuschillout.org





Promotes climate leadership and sustainability among colleges and universities by providing resources and technical support, creating networking opportunities and organizing education events.





National Wildlife Federation

Inspiring Americans to protect wildlife
for our children's future.



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