

# Federal Climate Change Legislation: Protecting Natural Resources for Wildlife and People



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October 7, 2008



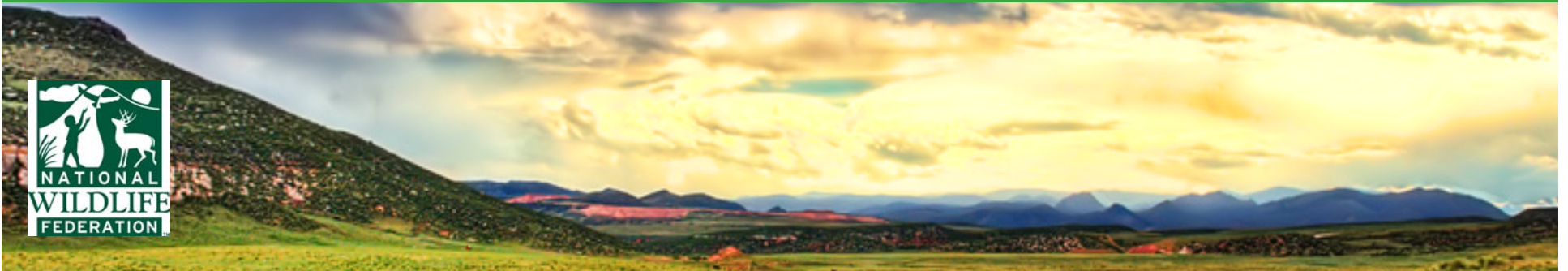
# How Cap and Trade Can Protect Natural Resources Threatened by Climate Change

- Caps on GHG Emissions by Industry
- \$ to Help Reduce GHGs Thru Land Use Changes:  
**Sequestration**
- \$ to Address Inevitable Warming:  
**Adaptation**



# CLIMATE SECURITY ACT

- 2 Percent Annual Reductions in GHGs
- Investment in U.S. Forests and Soils Sequestration: **\$115B** Through 2030
- Investment in U.S. Natural Resources Adaptation: **\$137B** Through 2030



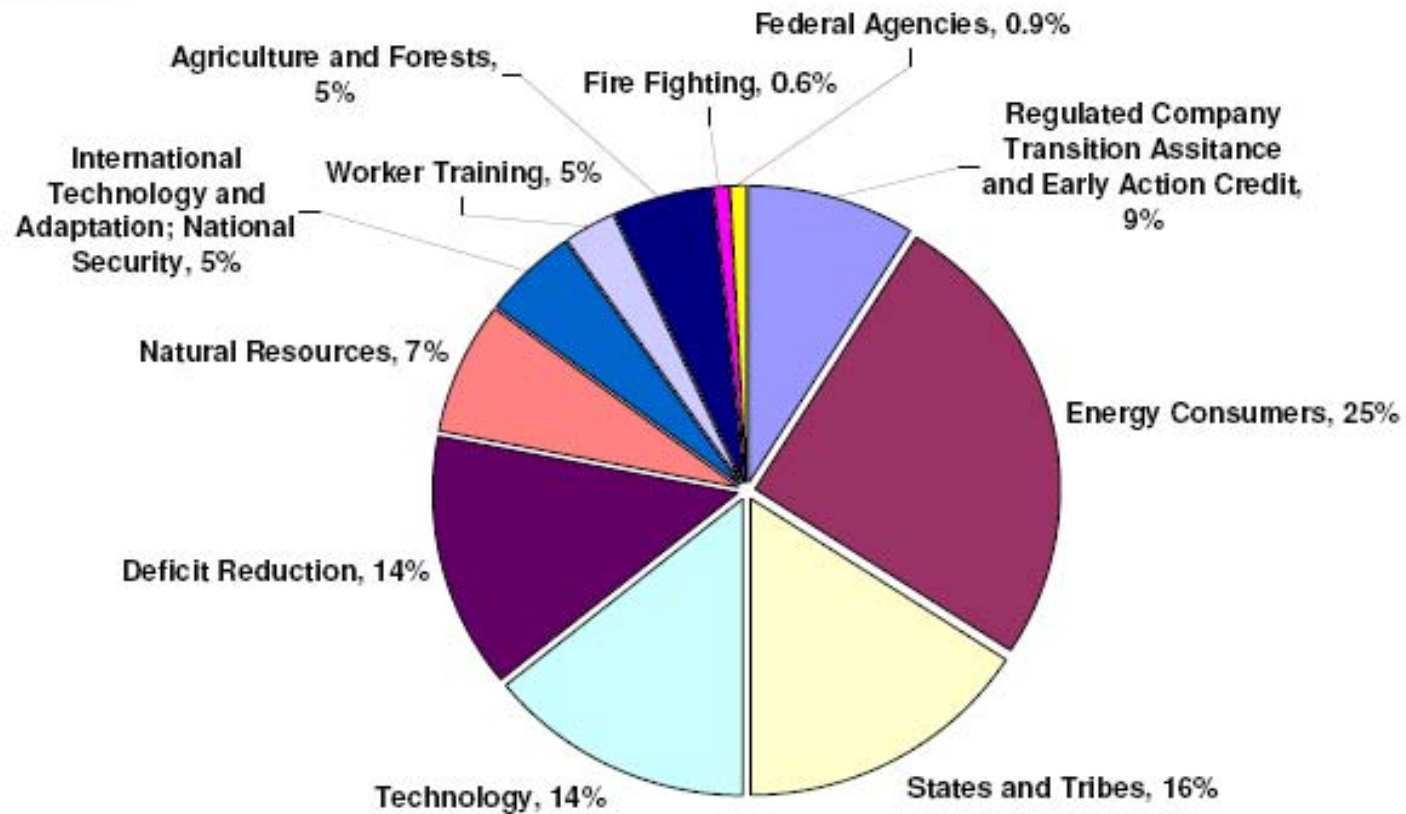
# DINGELL DISCUSSION DRAFT

- 0.5 Percent Annual Reductions in GHGs
- Sequestration: No Allowance Value Set Aside; Potential Offsets
- Adaptation: No Allowance Value Set Aside Under 3 of 4 Options; “Option C” Provides Significantly Less Value than CSA





**Climate Security Act: Allowance Distribution  
Percent of Total Value, 2012-2050**  
Boxer-Warner-Lieberman Substitute Amendment  
May 31, 2008



Note: Allowance Prices Based on EPA Analysis, Scenario 10

# HOW CSA ALLOCATES NATURAL RESOURCE ADAPTATION FUNDS

- DOI: 26 %
- USFS: 11 %
- EPA: 6 %
- Corps: 7 %
- NOAA: 8 %
- States & Territories: 41 %
- Tribes: 1 %



# Activities Eligible for CSA Adaptation Funds

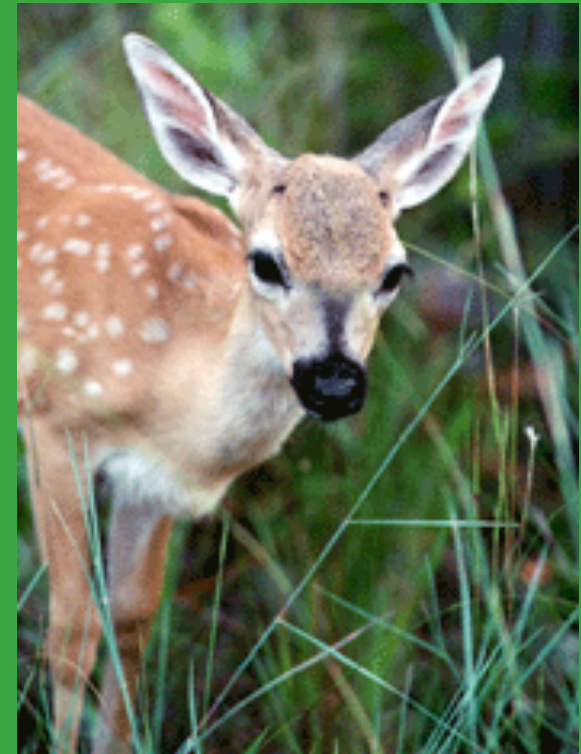
- **Adaptation Activities** = Helping Species, Habitats, Ecosystems, and Ecological Processes Survive Climate Change and Ocean Acidification
- Consistent with a National or State Adaptation Strategy. Integrated with **State Wildlife Action Plans**.



# Mechanisms for Distributing Conservation Dollars

**Sequestration:** Ag Dep't and EPA set eligibility rules. Models include Chicago Climate Exchange, RGGI.

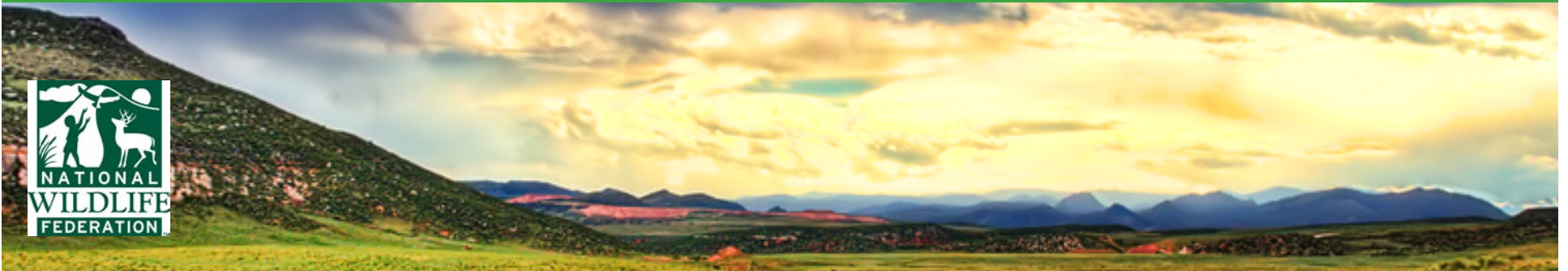
**Adaptation:** Multiple federal and state agencies receive funds and set rules for re-grants. No models yet established.





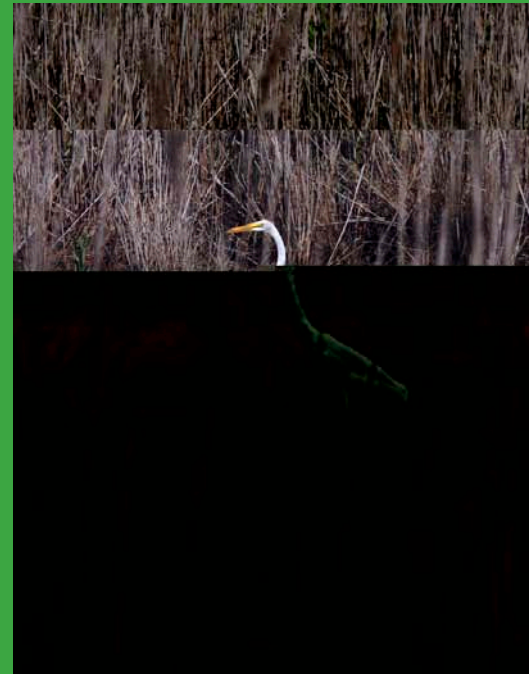
# What Does Adaptation Really Mean on the Ground?

- Habitat Acquisition and Restoration
- Water Conservation and Pollution Prevention
- Wildlife Management
- All Informed by Climate and Ecological Modeling
- Scientific Research and Monitoring
- Public Education and Outreach



# Key Challenges in the Campaign to Secure Large-Scale Dedicated Funding

- Lack of Awareness and Engagement by Key Constituencies
- No Consensus on What Adaptation Looks Like (or Costs)
- Competition From Other Legitimate Claimants
- Competition From Tax Cuts and Consumer Rebates



# Historic Opportunity to Secure Large-Scale Dedicated Funding in Next 2 Years

## Key Elements of Campaign:

- Craft Agenda for New Administration and Congress
- Develop Models at State/Regional Levels
- Massive Outreach & Engagement
- Sophisticated Communications
- **Reinvent Conservation!**

