

Overview: Obama Budget for Federal Agency Climate Change Programs



Responding to Climate Change II
April 26, 2010

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Goals of Presentation

- Summarize the Proposed FY 11 Budget for Climate Change Programs
- Identify Challenges and Opportunities
- Overview of Selected Agency Climate Funding

Funding Focus

Includes specific mentions:

- Domestic Natural Resource Adaptation

Does ***not*** include:

- Every mention of climate change in budget – climate change mitigation (EPA exception)
- Existing programs that one can reasonably say already address climate change
- NOAA satellites and International Adaptation

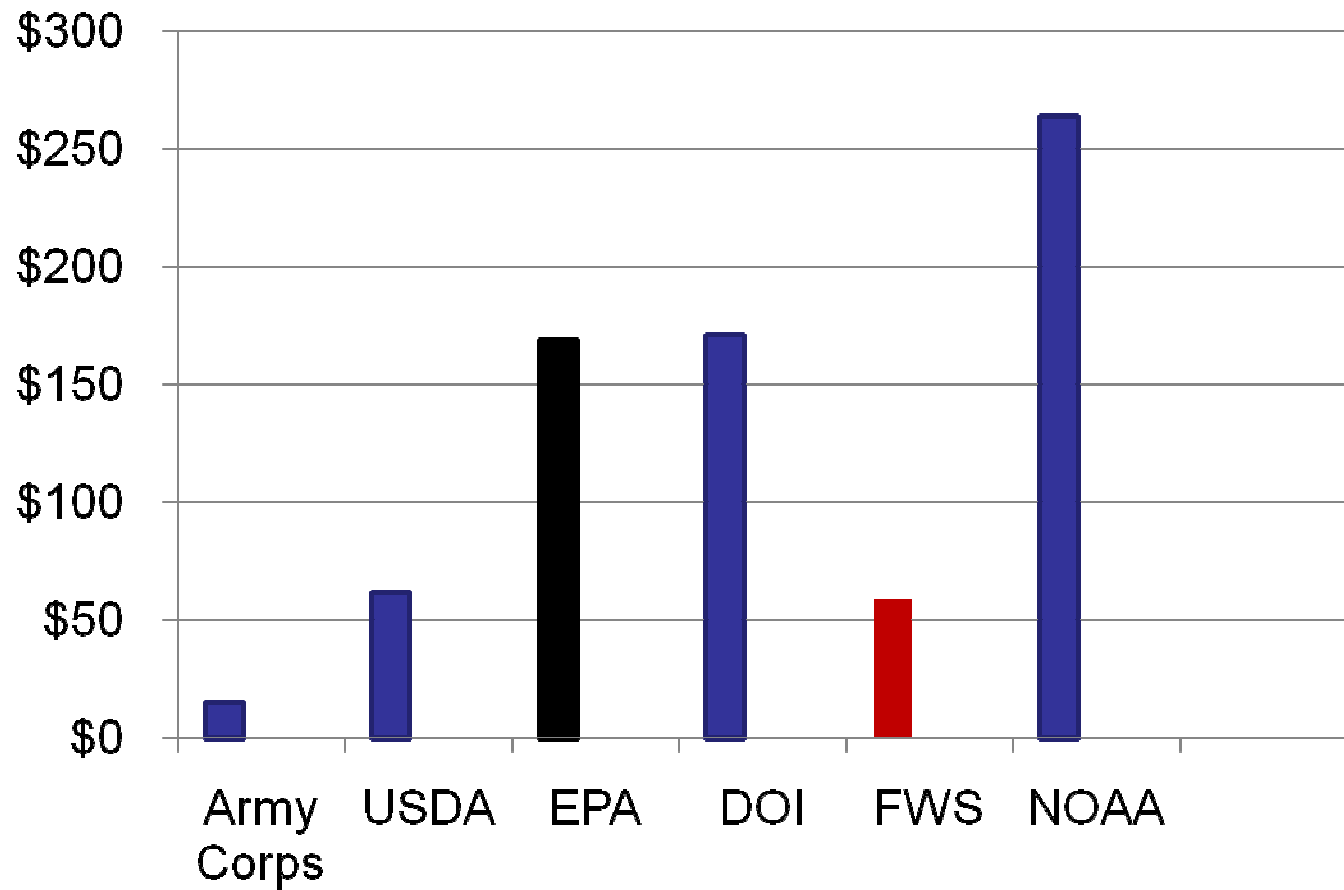
Observations

- Developing climate science, information products and assessments
- Deeply embedded within the programs of DOI and NOAA
- Other natural resource management programs relevant, but not specific, to addressing the climate challenge (e.g.: restoration, technical and financial assistance to partners) also fared well

Upward Trend of Funding

- Total of \$571 million (not including international climate financing or NOAA satellites)
- \$205 million increase in domestic climate change funding over FY10
 - Developing climate science, information products and assessments accounts for \$162M of \$205M increase

Proposed FY11 Federal Funding (millions of dollars)



Focus

- Challenge: Narrow scope of science, research and planning
- Opportunity: Need for implementation of on-the-ground adaptation strategies
 - begin the process of establishing best-practices, learning from our mistakes, and abating the climate impacts that are being felt today.

Connection

- Challenge: Lack of connection between budget line items that may not be framed as climate specific but that clearly have a role to play in climate adaptation.
- Opportunity: Highlight interplay between these programs and achievement of overall climate change goals

Goals

- Challenge: Means by which to achieve climate change goals are not explained or transparent
- Opportunity: Translate department and agency climate change goals into actionable and measurable budget line items

USDA

Examples of Natural Resource Adaptation

- US Forest Service
 - Climate relevant land acquisition (Forest Legacy)
 - Landscape-scale watershed restoration
- Natural Resources Conservation Service
 - Planning for increasing precipitation in wetlands (Conservation Stewardship Program)

Department of Interior

Examples of Natural Resource Adaptation

- By 2012, the Department will identify the areas and species ranges in the US that are most vulnerable to climate change, and begin implementing comprehensive climate change adaptation strategies in these areas.

Department of Interior

Examples of Natural Resource Adaptation

- *Climate Change Response Council* - leadership
- *8 Climate Science Centers* (under National Climate Change and Wildlife Science Center) synthesize existing climate change data and management strategies, help resource managers employ that information, and promote public education initiatives.
- *Landscape Conservation Cooperatives* engage stakeholders to craft practical, landscape-level strategies for managing climate change impacts in coordination with the eight regional CSCs.
- *Global Change Effects Network* – Info sharing

US Fish and Wildlife Service

Examples of Natural Resource Adaptation

- Start up Landscape Conservation Cooperatives
- Develop expertise for climate models, species and habitat assessments, and other information needed to make management decisions at the landscape level.

US Fish and Wildlife Service

Examples of Natural Resource Adaptation

- Expand the Partners for Fish and Wildlife program to provide technical and financial assistance to private landowners in order to conserve and restore lands that will improve wildlife values while sequestering carbon.
- Development of a monitoring system for the refuge system -- part of the Global Change Effects Network