

WCS Wildlife Adaptation Fund

A re-grant program supported by the Doris Duke Charitable Foundation



DORIS DUKE
CHARITABLE FOUNDATION

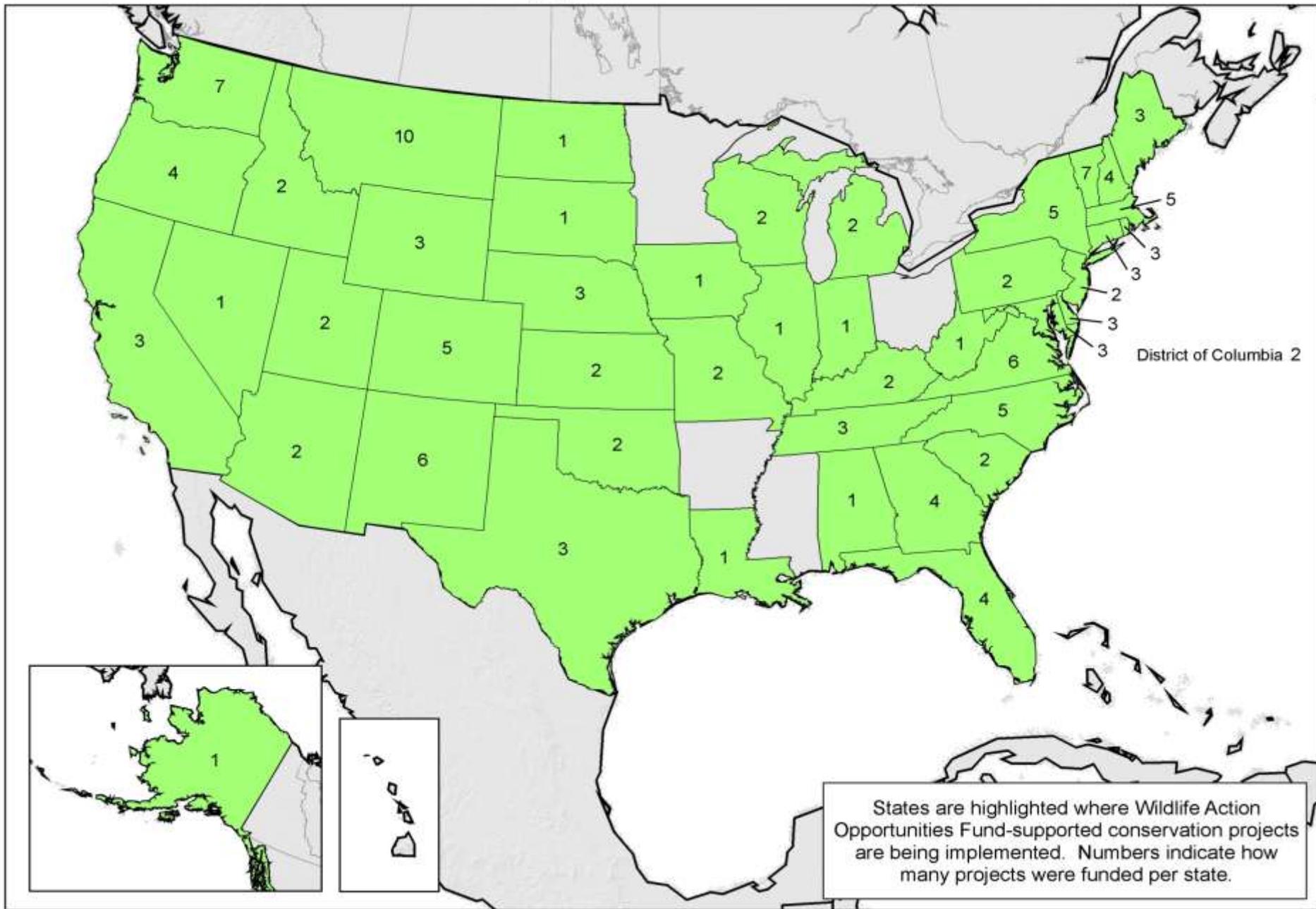


Going Forward

- **\$4 million available over next two years**
- **One grant cycle per year – March 2011 and 2012**
- **Nonprofit conservation orgs eligible to apply**



WCS Wildlife Action Opportunities Fund Grants 2006 - 2009



Matching Dollars

- **Public/Private match funds brought by applicants in all proposals 2006-2010**

\$255,640,062



New Funding Priorities

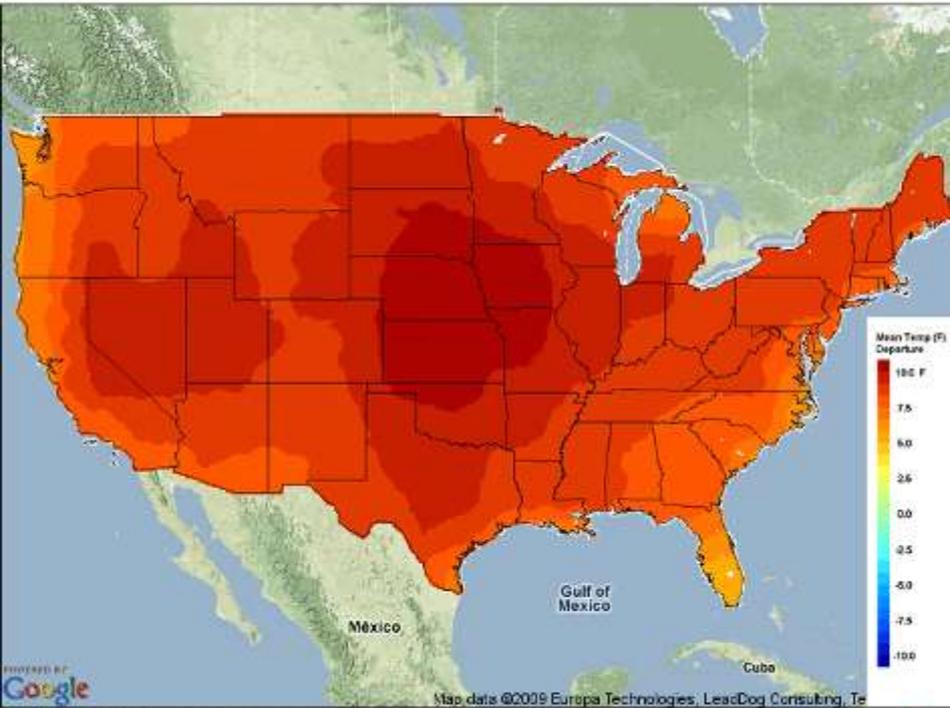
1. Demonstrate land management techniques to assist wildlife adaptation to climate change;
2. Protect or expand core habitat areas;
3. Create new protected areas or new land use designations to secure intact habitat;
4. Assure connectivity for wildlife between core habitat areas; and
5. Protect keystone species at risk from the impacts of climate change.



Consequences of climate change

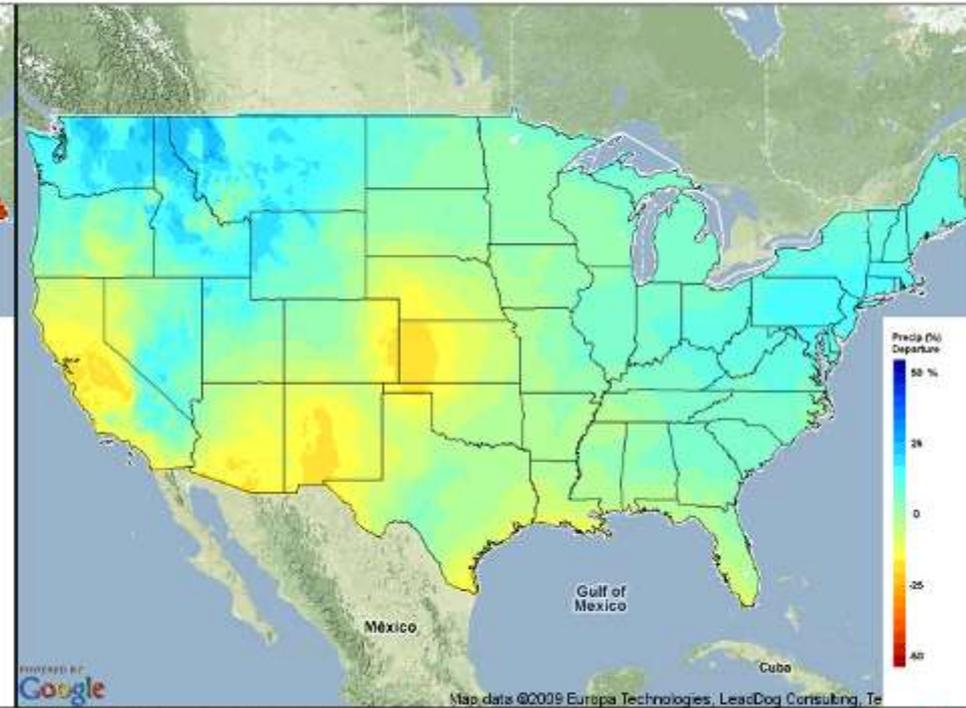
Change in Average Annual Temperature by 2100

Model: Ensemble Average, SRES emission scenario: A2



Change in Average Annual Precipitation by 2100

Model: Ensemble Average, SRES emission scenario: A2

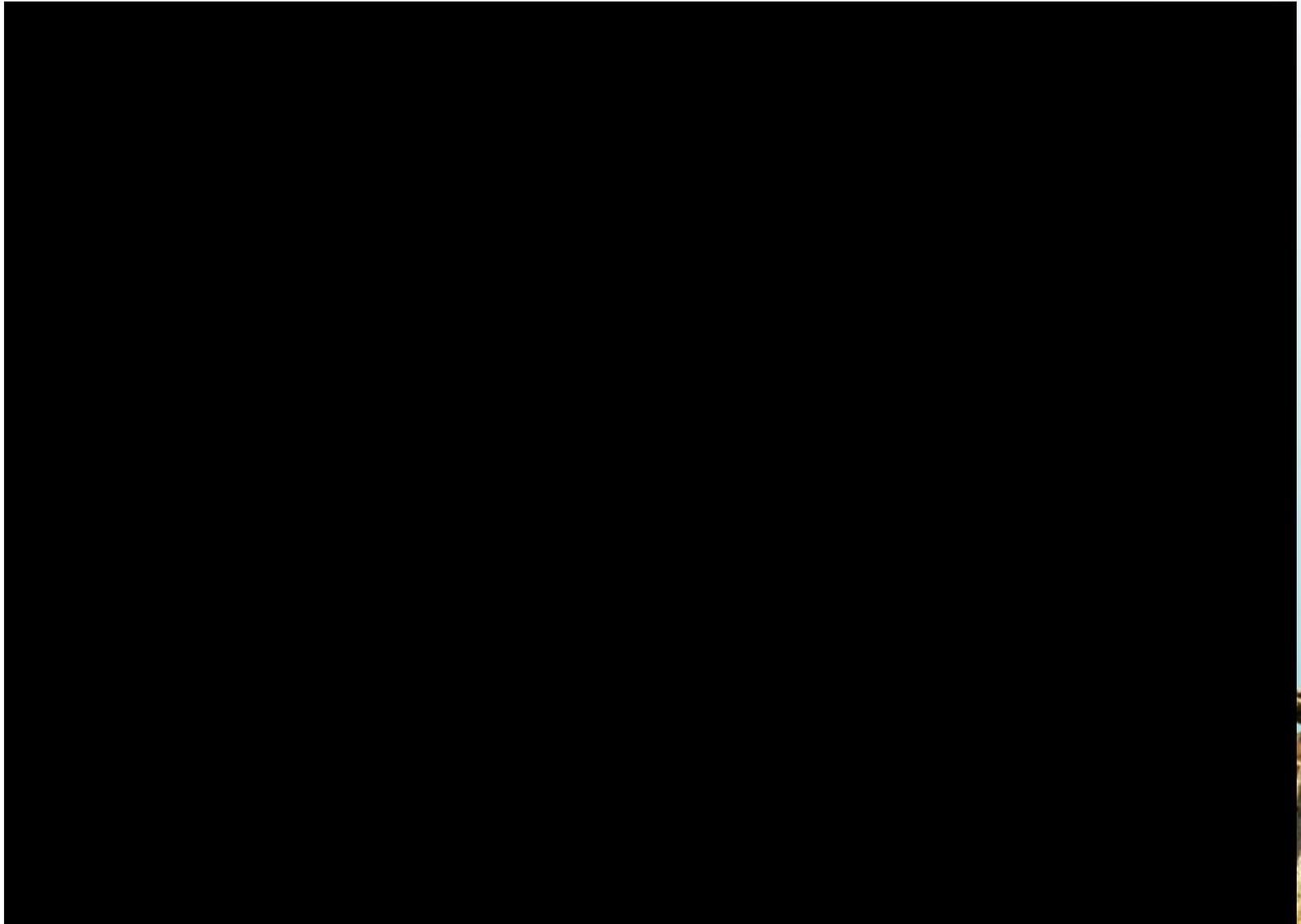


Climate change adaptation

Adaptation = actions that enable species or systems to better cope with or adjust to changing conditions.



Adapt, move or go extinct?



General principles of adaptation

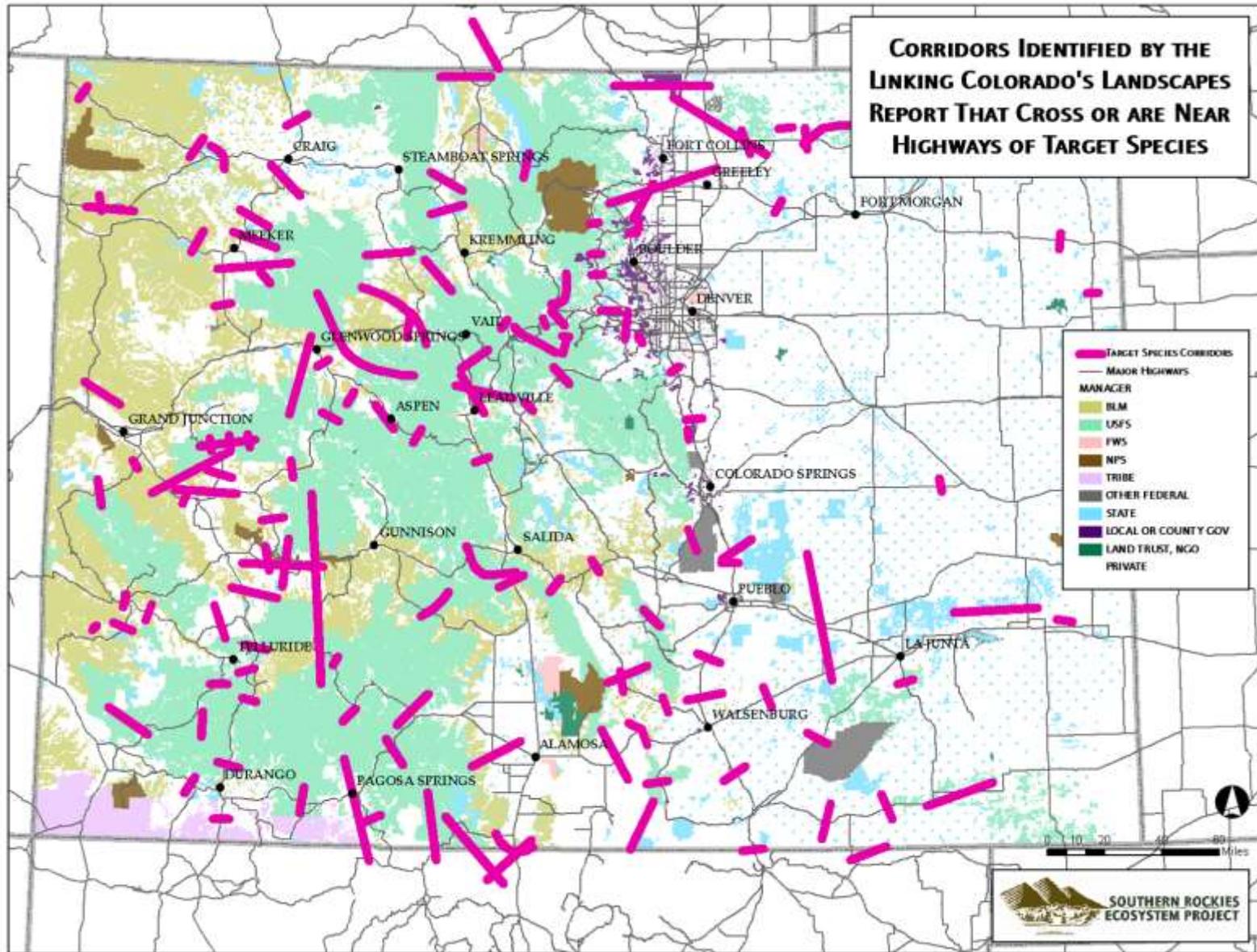
- Reduce non-climate stressors
- Manage for ecological function and biodiversity
- Establish buffer zones and connectivity
- Implement “proactive” management strategies
- Increase monitoring and facilitate management under uncertainty

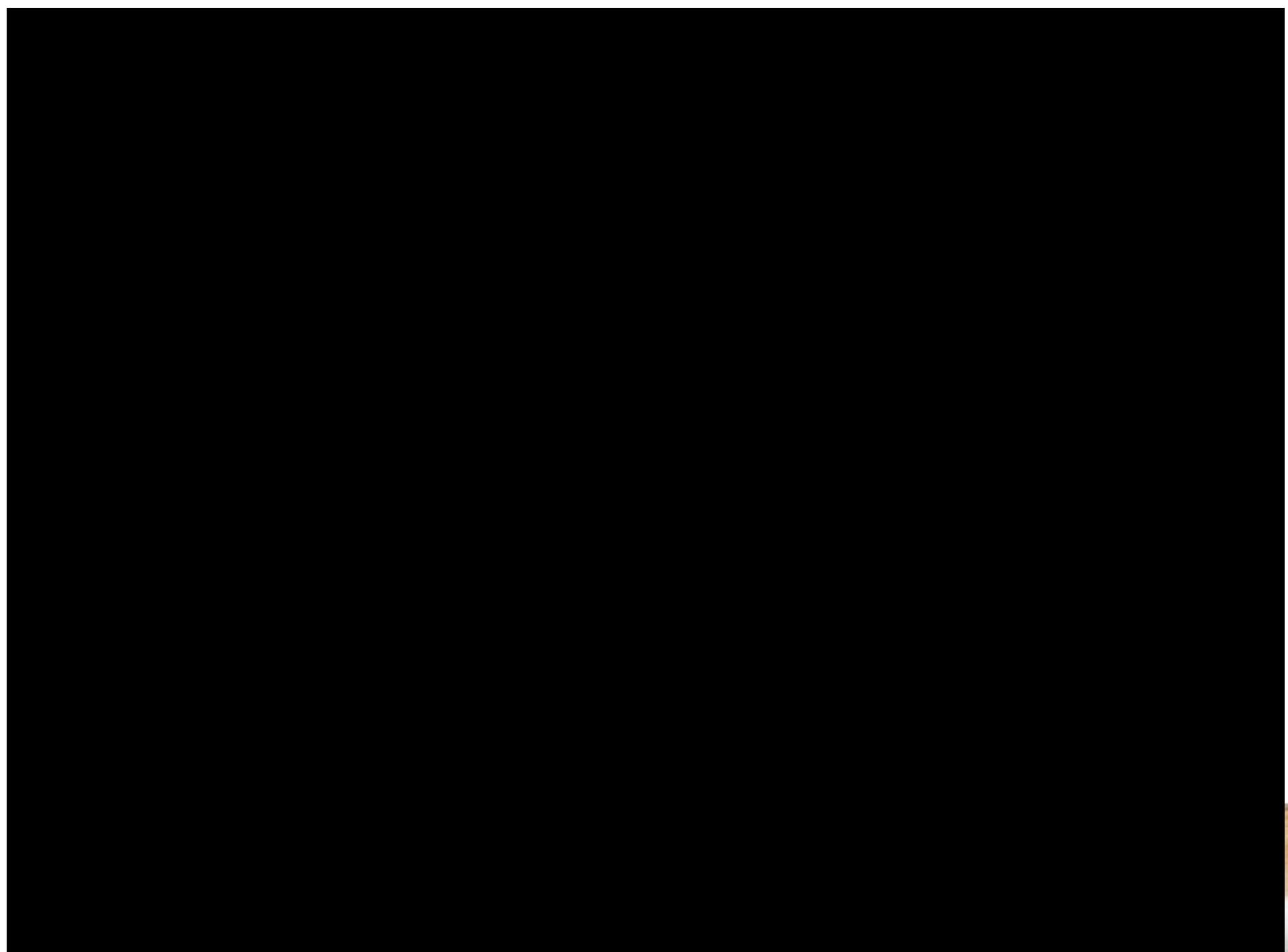


From “Adaptation 2009” discussion paper by Glick et al. and other sources



Success in State/NGO Partnerships



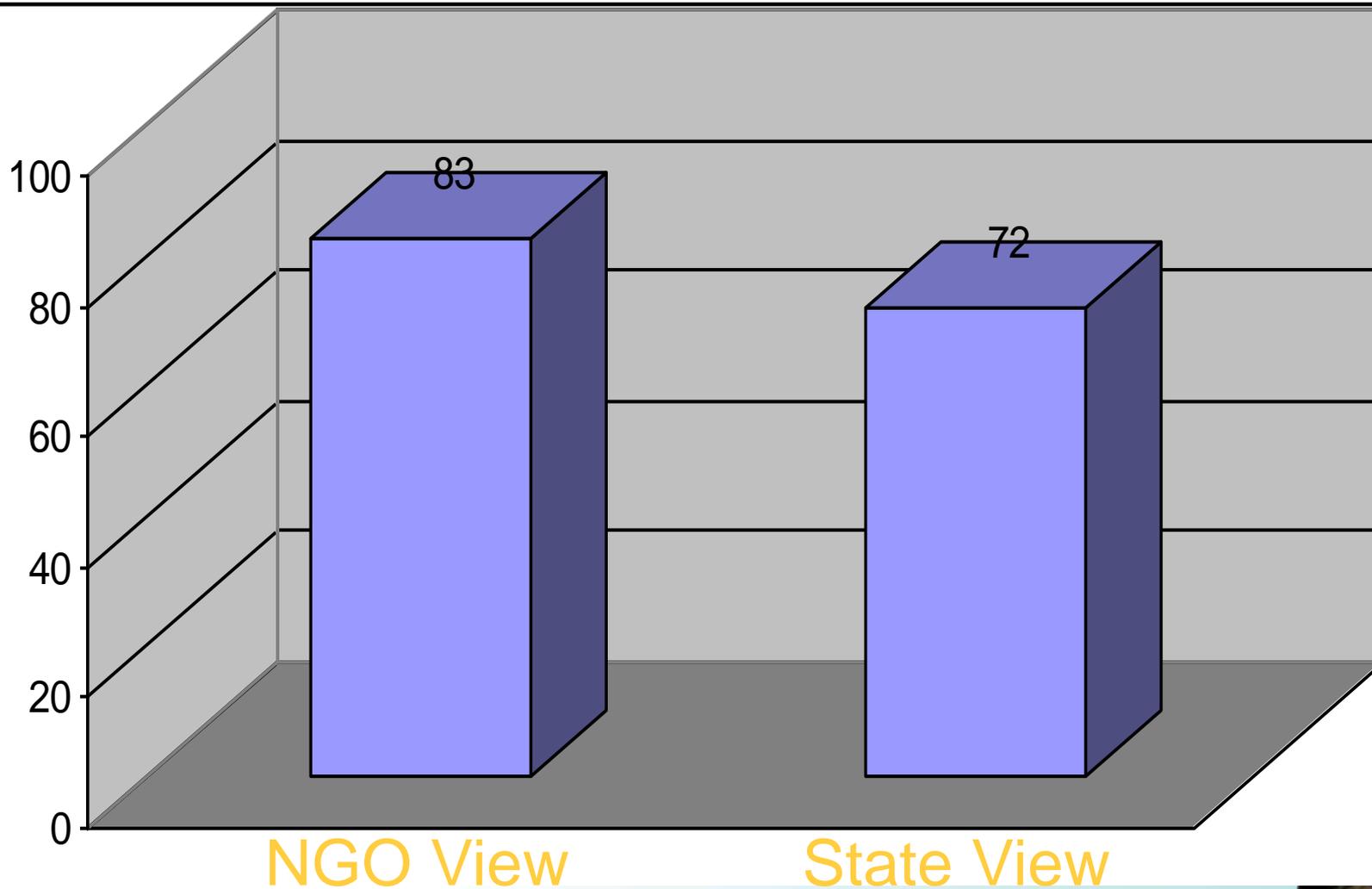


Success in State/NGO Partnerships

Beaver Restoration in the Big Hole Valley of Montana



Prior Collaboration



State and NGO perceptions of collaboration prior to the WAOF grant, expressed in percent of time they had previously collaborated moderately or a great deal.

Particularly Effective: Funding or Specific Expertise Unavailable to Agency



“We lost five staff ... dedicated funding from Congress with lower match requirements will be critical [for SWAP implementation].”

-- State Wildlife Agency

Particularly Effective: Overcoming Cumbersome Administrative Hurdles



“State administrative hurdles would have precluded implementation [of this] jewel of a project.” – Washington Dept of Fish and Wildlife (attributed with permission)

Particularly Effective: Advocating for Increased State Wildlife Agency Funding



“Lack of funding for federal match a big problem” --State Wildlife Agency

Particularly Effective: Incorporating Climate Change



Allen L. Thornton

“We are looking at modifying strategies to include climate and we are working to try to address it further in developing implementation strategies. Grant funds could help us.” -- State Wildlife Agency

Key Messages

- **Private funders increasing support for wildlife adaptation**
- **Many on-the-ground adaptation projects underway**
- **Take advantage of NGO's; effective and economical partners**



WCS Climate Adaptation Fund Contact

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