



NATIONAL *fish, wildlife & plants*  
CLIMATE ADAPTATION STRATEGY

*Shared solutions to  
protect shared values*



*Photos: Chase Fountain, James Jordan, George Andrejko*

# The National Fish, Wildlife, and Plants Climate Adaptation Strategy

Update to Water Resources Adaptation to  
Climate Change Workgroup of the Advisory  
Committee on Water Information

March 3, 2015

Davia Palmeri, [dpalmeri@fishwildlife.org](mailto:dpalmeri@fishwildlife.org)



# Work Plan

Work Stream	Title	Subgroups
<b>Promote use of the Strategy and recognize successful implementation</b>	Administer a Climate Adaptation Leadership Award	Award Review Team
	Promote the Strategy goals and framework with regional partnerships and other stakeholder communities	Outreach & Engagement
<b>Increase future implementation of the Strategy</b>	Identify and promote climate adaptation best practices for fish, wildlife, and plants	Best Practices
	Explore and highlight gaps in NFWPCAS implementation	Implementation
	Contribute results to the Climate Resilience Toolkit	
<b>Incorporate climate adaptation requirements in to conservation funding</b>	Influence conservation funding decisions	Conservation Funding



## Engagement & Outreach Subgroup

Goal: Promote the Strategy goals and framework with regional partnerships and other stakeholder communities



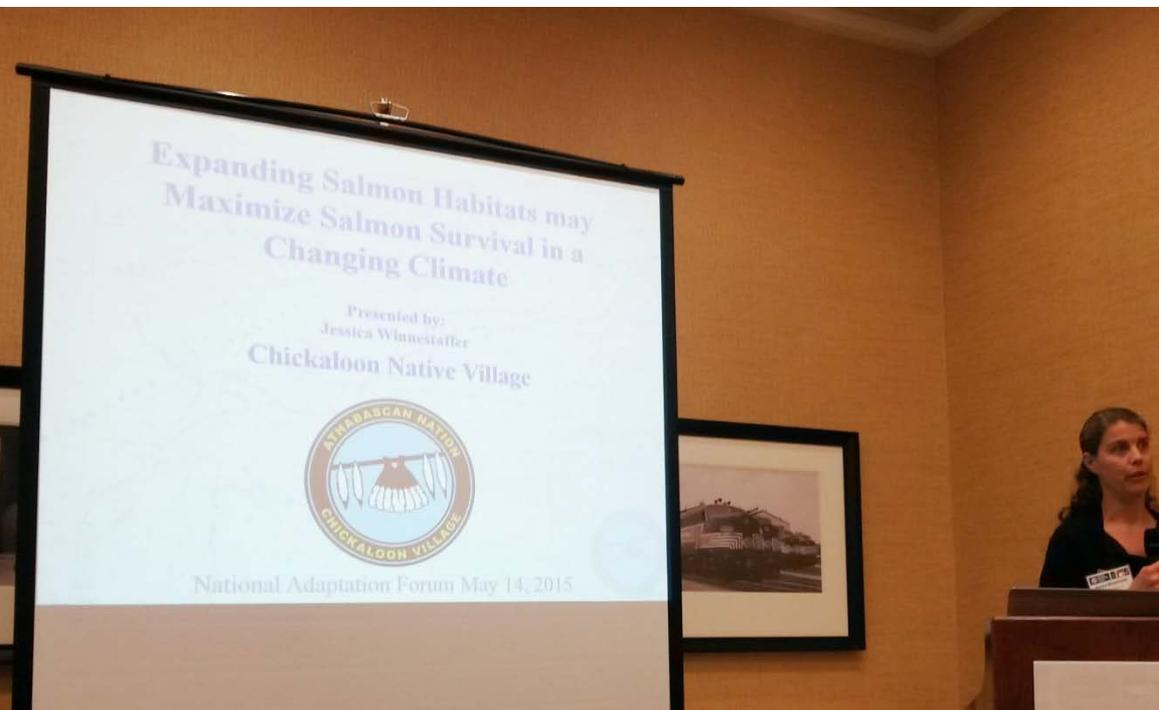
To: Mark Shaffer, FWS <[mark\\_shaffer@fws.gov](mailto:mark_shaffer@fws.gov)>  
Roger Griffis, NOAA <[roger.b.griffis@noaa.gov](mailto:roger.b.griffis@noaa.gov)>  
Arpita Choudhury, AFWA <[achoudhury@fishwildlife.org](mailto:achoudhury@fishwildlife.org)>  
Cc: Rowan Gould, Deputy Director, USFWS <[r\\_w\\_gould@fws.gov](mailto:r_w_gould@fws.gov)>  
Ron Regan, Executive Director, AFWA <[rregan@fishwildlife.org](mailto:rregan@fishwildlife.org)>  
Kate Freund, Office of the Science Advisor USFWS <[kate\\_freund@fws.gov](mailto:kate_freund@fws.gov)>

July 3

Dear NFWPCAS Management Team,

As Chair of the Appalachian Landscape Conservation Cooperative's (LCC's) Steering Committee, I am writing to offer our strong support of the recently released *National Fish, Wildlife and Plants Climate Adaptation Strategy*. This leadership body helps to direct the work of the Appalachian LCC in an effort to safeguard these ecosystems for the environmental benefits and services (e.g., cultural, recreation and economic) that they provide to the Americans people. As the Appalachian LCC begins its regional wide effort to respond to the impacts of a changing climate on ecosystems, we recognize that this 'common-sense approach' that has been outlined in the Strategy is well grounded and believe it will prove beneficial and greatly reinforce the work already initiated by our members.

I hope you will see from the summary attached how the many objectives and strategies outlined in the Strategy are either currently being employed or will be addressed in the near future, as outlined in the Appalachian LCC's 5-Year Work Plan. In addition, we have 6 currently funded research projects which share common strategic actions with those outlined and feel confident that the Appalachian LCC's effort is synergistic with this nation-wide effort. As a science-management partnership the Appalachian LCC will also be funding studies this year to document unique systems found primarily within our boundaries (e.g., Karst formations), identify the unique biological diversity of truly global significance which is c





## Best Practices Subgroup

Goal: Identify and promote climate adaptation best practices for fish, wildlife, and plants



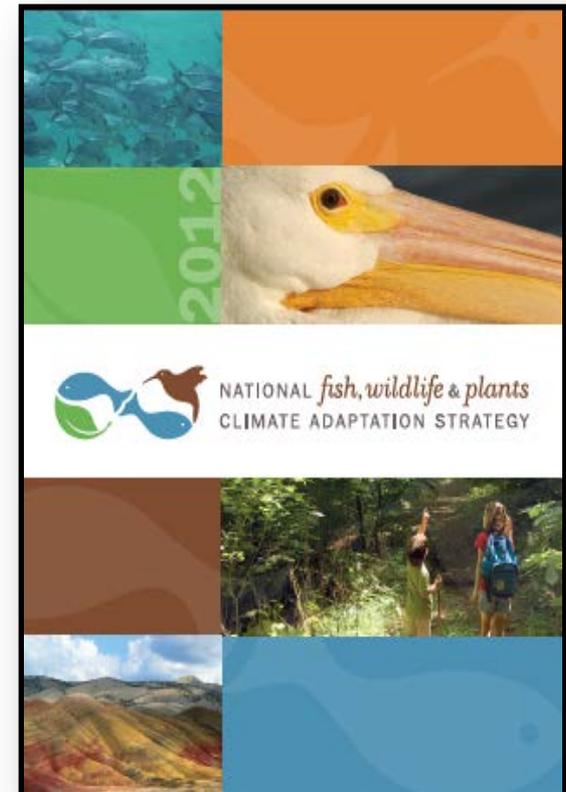


## Implementation Subgroup

Goal: Identify key gaps and solutions in NFWPCAS implementation, with special attention to topics needing interagency and intergovernmental cooperation

### GOAL 1 PROGRESS CHECK LIST

- Areas resilient to climate change identified;
- Gap analysis of geophysical settings completed and priority candidate areas identified;
- Desired ecological connectivity among conservation areas identified;
- Baseline comprehensive inventory of conservation areas completed;
- Suite of land protection tools (designations, exchanges, acquisitions, easements, leases, incentives) evaluated and updated;
- Protocols for incorporating climate change into ecological restoration efforts developed and implemented;
- Begin conserving and/or restoring high priority areas for fish, wildlife, and plants under climate change.





## Climate Adaptation and Conservation

### Funding Subgroup

Goal: Encourage conservation funders at all Levels to consider the principles and recommendations of the Strategy when developing funding criteria and decisions; encourage implementation of the Strategy goals; raise the profile of the JIWG and the Strategy

**Strategy 3.4:** Optimize use of existing fish, wildlife, and plant conservation funding sources to design, deliver, and evaluate climate adaptation programs.

#### **ACTIONS**

**3.4.1:** Prioritize funding for land and water protection programs that incorporate climate change considerations.

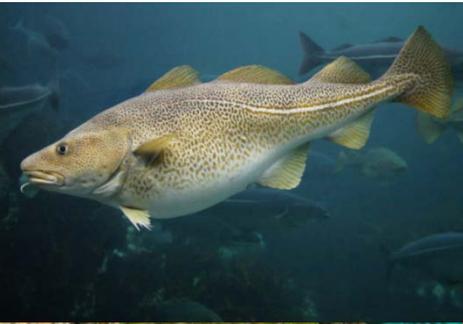
**3.4.2:** Review existing federal, state, and tribal grant programs and revise as necessary to support funding of climate change adaptation and include climate change considerations in the evaluation and ranking process of grant selection and awards.

**3.4.3:** Collaborate with state and tribal agencies and private conservation partners to sustain authorization and appropriations for the State and Tribal Wildlife Grants Program and include climate change criteria in grant review process.

**3.4.4:** Collaborate with agricultural interests and businesses to identify potential impacts of climate change on crop production and identify conservation strategies that will maintain or improve ecosystem services through programs under the conservation title of the Farm Bill or other vehicles.



NATIONAL *fish, wildlife & plants*  
CLIMATE ADAPTATION STRATEGY



*Photos: Chuck Olsen, Tom Woodward, Jane Pellicciotto, Lynette Schimming*

Shared solutions to protect  
shared values

[www.wildlifeadaptationstrategy.gov](http://www.wildlifeadaptationstrategy.gov)

*Davia Palmeri, dpalmeri@fishwildlife.org*