



**U.S. Fish & Wildlife Service**

# **Landscape Conservation Cooperatives: A Partner Based Approach to Conservation Science**

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# USFWS Climate Change Strategic Plan

DRAFT

U.S. Fish & Wildlife Service

## Rising to the Challenge

*Strategic Plan for Responding to Accelerating Climate Change*



DRAFT

U.S. Fish & Wildlife Service

## Appendix: 5-Year Action Plan

*for Implementing the Climate Change Strategic Plan*



<http://www.fws.gov/home/climatechange/>



# Climate Change – DOI Secretarial Order No. 3289



- Issued September 14, 2009

includes the following:

“A network of Landscape Conservation Cooperatives will engage DOI and federal agencies, states, tribal and local governments and the public to craft practical, landscape-level strategies for managing climate change impacts...”



# Landscape Conservation Cooperatives

- A seamless network of **conservation science partnerships** that provide science and technical support including
  - Biological planning
  - Conservation Design
  - Monitoring and Researchto **conservation delivery programs and partnerships** to meet common goals for sustaining fish, wildlife and plants
- Partners include: federal agencies, states, tribes, NGOs, universities and other entities.

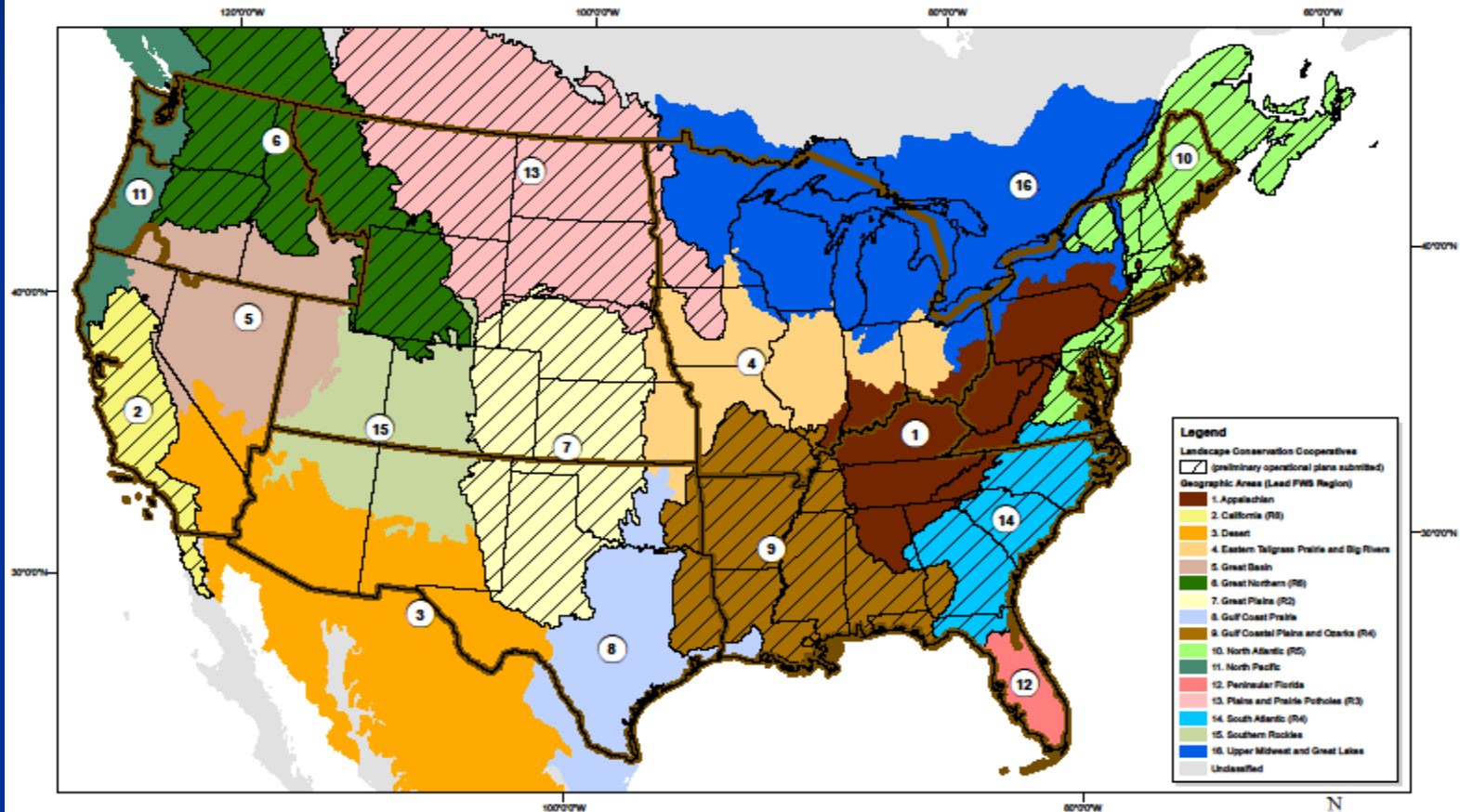


# Landscape Conservation Cooperatives



U.S. Department of the Interior

Landscape Conservation Cooperatives - Interim Geographic Framework



Produced by FWS, IRTM, Denver, CO  
Map Date: 01222010

0 175 350 700 1,050 1,400 Miles

0 400 800 1,600 2,400 3,200 Kilometers





# Landscape Conservation Cooperatives

## ➤ LCC's will

- facilitate strategic conservation at landscape scales through a partnership approach
- provide scientific and technical expertise to support landscape scale conservation efforts
- build partnerships to develop shared conservation goals and science needs
- provide decision support tools for managers to use in establishing biological objectives



# Landscape Conservation Cooperatives

- LCC's will
  - be effective in informing conservation delivery efforts of partners
  - provide science support for conservation activities that will address threats to conservation of species and habitats
  - draw upon, and augment, the existing science capacities of partners and partnerships
  - maximize the use and efficiency of resources





# Funding (FY 10) for Climate Change and Landscape Conservation Cooperatives

## ➤ USFWS –

### ➤ Nationally:

- \$20M available nationwide to establish 8 LCCs
- Arctic, California, Great Northern, Great Plains, North Atlantic, Pacific Islands, Plains & Prairie Potholes and South Atlantic
- \$2 million held in WO

### ➤ Regionally:

#### a) \$2.208M-North Atlantic LCC

- \$1.155M – planning
- \$920k – science
- \$133k – administration





# Summary of Partner Meeting

## November 20, 2009

- **Attended over 26 people from 17 organizations**
- **Over 30 priority science needs were identified, among them: accurate LiDAR and DEM, vulnerability assessments, coastal systems studies, and demonstration projects.**

### **Moving forward**

- **Identify priority science needs**
- **Synthesize and share existing science**
- **Build on existing data, information, efforts**
- **Establish Governance Structure**

# LCC Partners Talk about the Benefits of Partnership

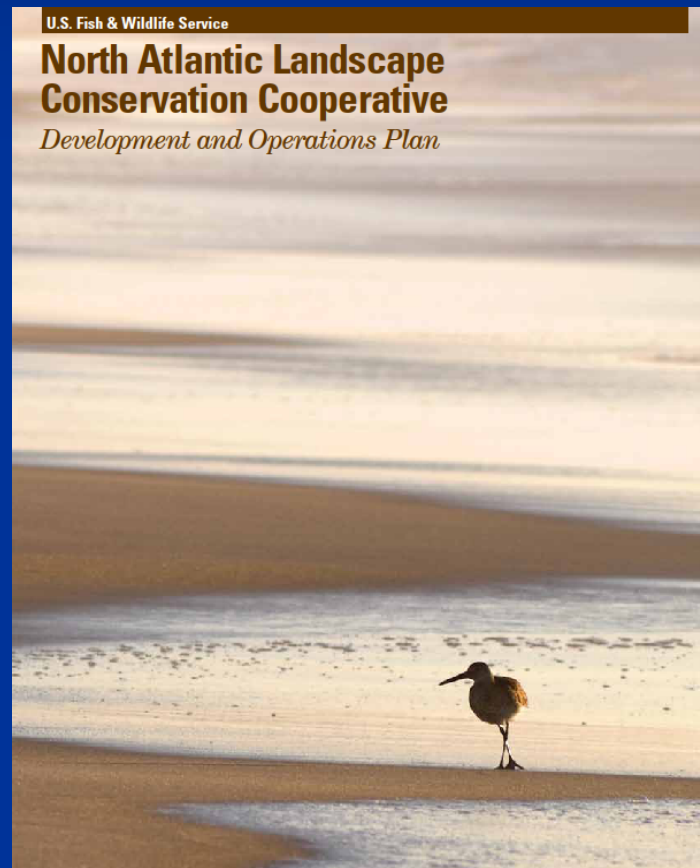


<http://www.fws.gov/northeast/LCCinterview.html>



# Development and Operations Plan

- The Northeast Region has developed the NALCC Development and Operations Plan.



<http://www.fws.gov/northeast/climatechange>



## LCC Implementation Actions:

- NALCC Scoping Meeting-held November 20, 2009
- North Atlantic LCC Plan-submitted December 11, 2009
- Advertised ARD Science Applications
- Advertised North Atlantic LCC Coordinator
- Advertised Appalachian LCC Coordinator
- Draft North Atlantic LCC Cooperative Structure and Governance
- Fund conservation science projects that support partner identified priority science needs



## Next Steps:

1. Seek broader partner engagement in NALCC
2. Synthesize the science priority needs of existing conservation delivery partnerships
3. Identify science needs of partners
4. Identify FWS science needs
5. Hold a NALCC partner meeting  
Spring/Summer 2010



# How can LCCs better engage partners?



**Thank You**

