



Advancing Conservation in a Changing World



LANDSCAPE
CONSERVATION
COOPERATIVES



AK Tribal Climate Change Webinar – April 29, 2014

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Joe Hostler, Yurok Tribe



Briefing Outline

- Background on LCCs
- The NPLCC
- Our work with Tribes/First Nations
- Opportunities to engage

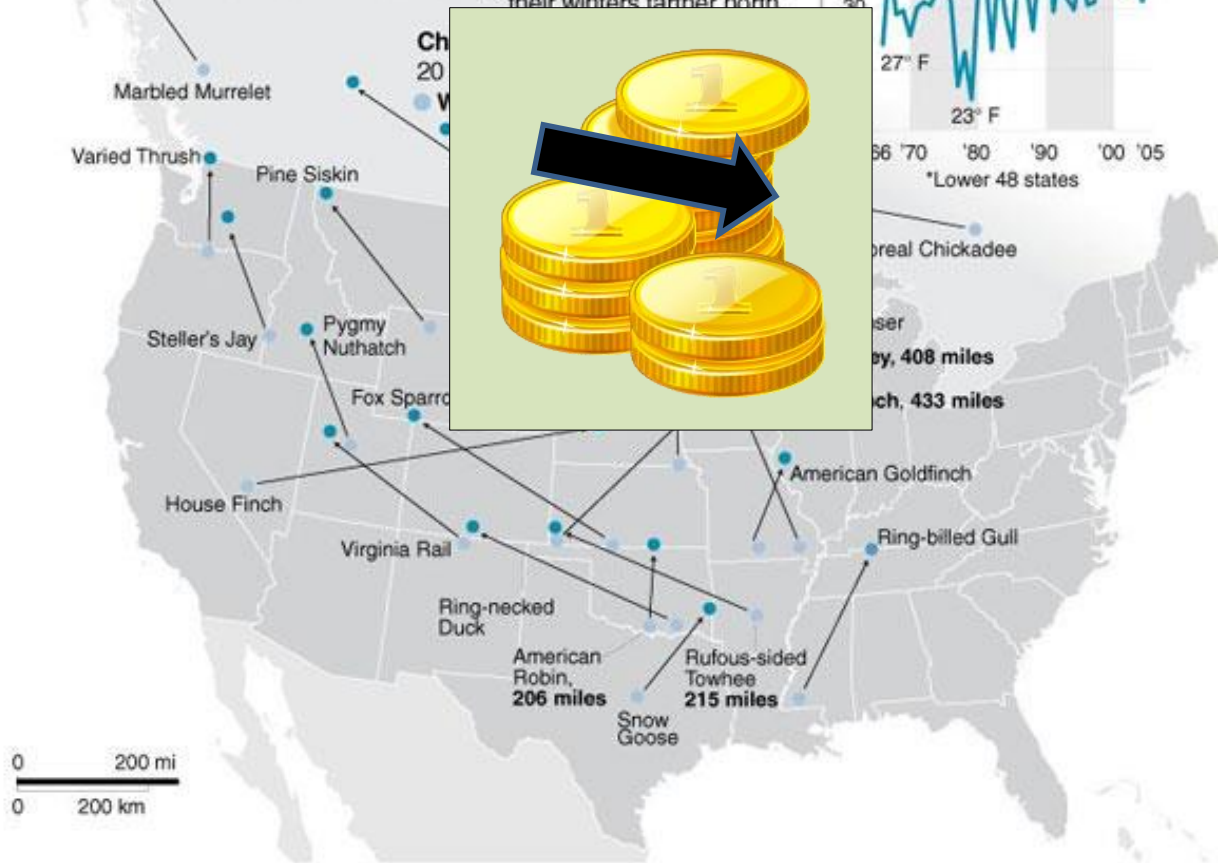
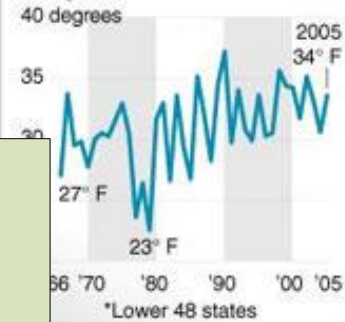


CO2 Reaches 400
ppm: 1
MILL

Spending winter farther north

As the temperature across the U.S. has gotten warmer from 1966 to 2005, many bird species are spending their winters farther north.

Average January temperature in U.S.*

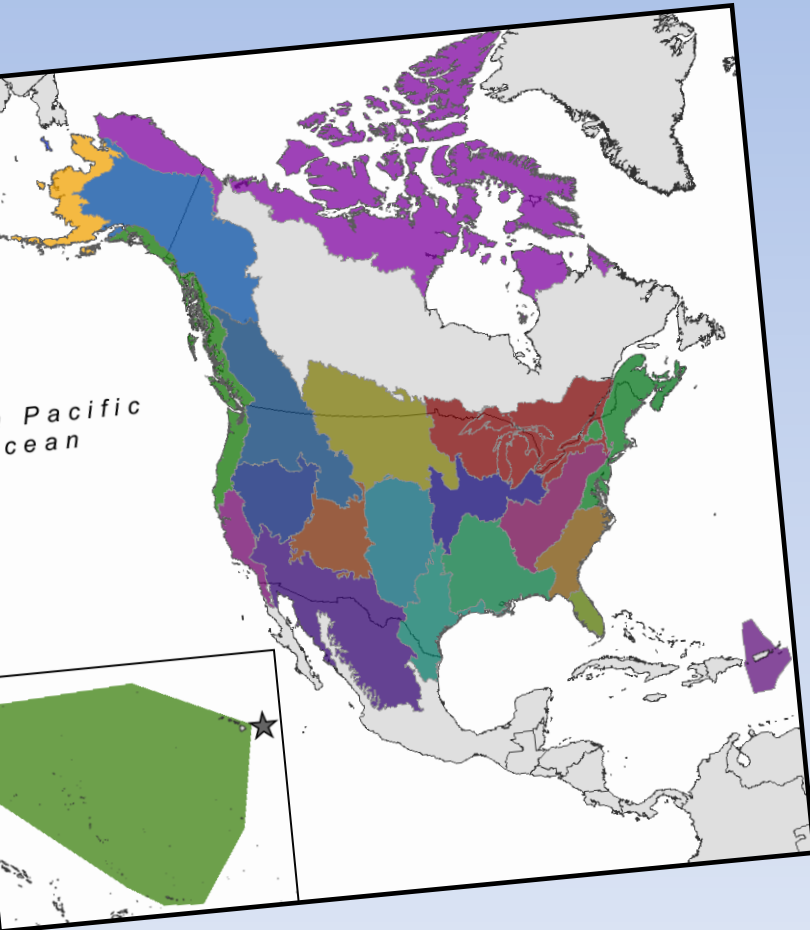


INVASIVE
SPECIES
ALERT

These waters are designated as
INFESTED WATERS and contain:



International Approach



- Administration response to CC
 - Sec Order - 3289, 2009
 - 22 LCCs; 8 CSCs
 - Led by - FWS, BOR, USFS, BLM
 - Phased initiation – NPLCC 2011
- Self-directed partnerships
- Respond to regional threats; Natural & Cultural Resources
- Science support for broad-scale conservation
- Leverage, develop goals/tools, link science-mgt., facilitate info exchange



Why?

- ✓ Face larger-scale challenges with shrinking fiscal resources
- ✓ Natural & cultural resources know no boundaries,
- ✓ Opportunities to learn, share, collaborate, innovate

What?

- ✓ Understand and respond to climate-related & large-scale stressors
- ✓ Build trans-boundary bridges (international, jurisdictional, geographic)
- ✓ Provide broader context to conservation efforts

Where?

- ✓ Entire range of Pacific Coastal Temperate Rainforests
 - ✓ Terrestrial & Freshwater Aquatic Ecosystems
 - ✓ Adjacent Marine Ecosystems (shorelines, estuaries, nearshore)

Who?

- ✓ 2 Countries
- ✓ 200+ Tribes and First Nations
- ✓ 4 States, 1 Province, 1 Territory



NPLCC Mission:

Promote development, coordination & dissemination of science to inform landscape-level conservation & sustainable resource management in the face of a changing climate and related stressors.



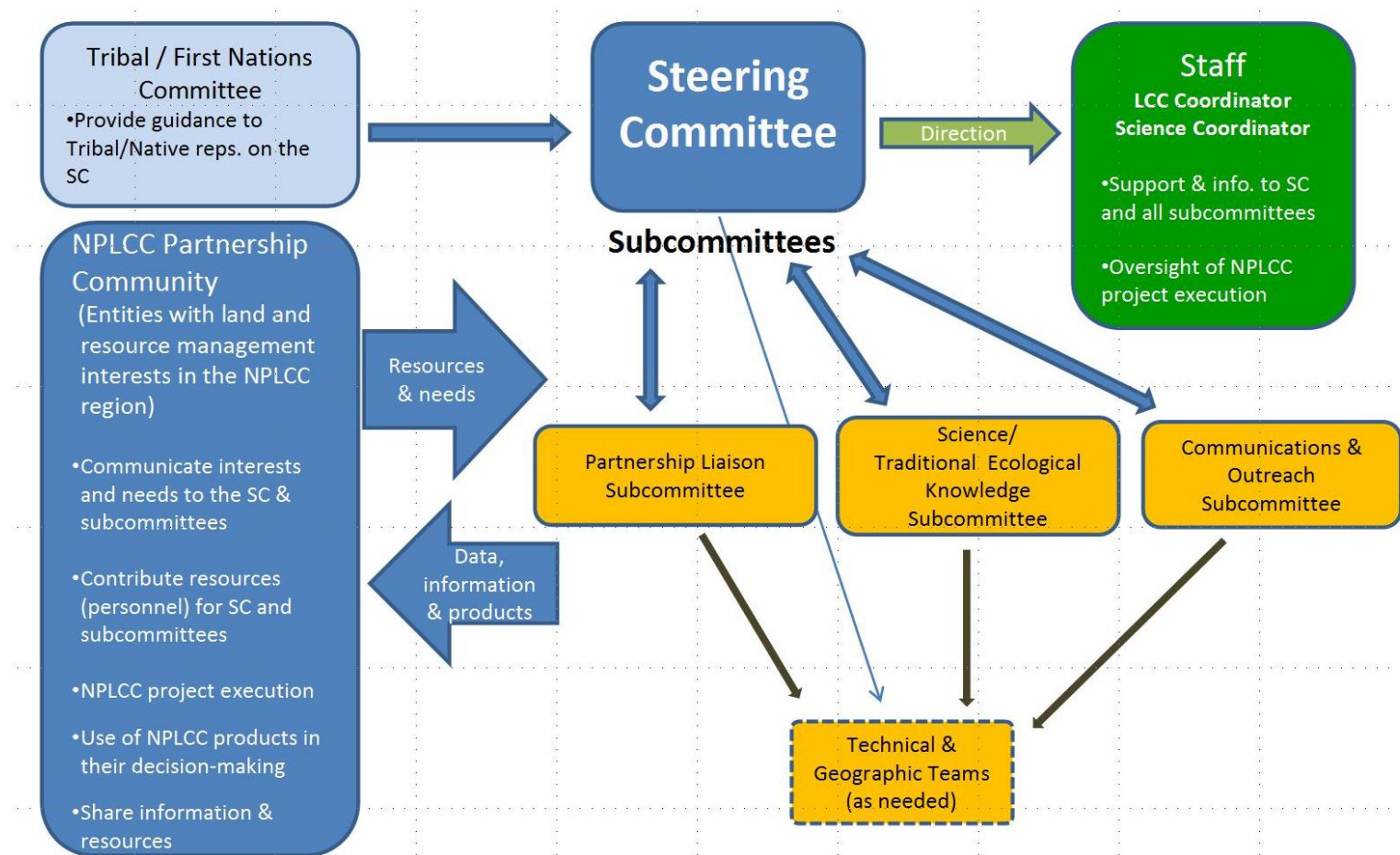
Seven Goals:

1. Maximize ability resource managers make informed decisions given climate change and related stressors
2. Identify and address transboundary, landscape-level natural and cultural resource needs
3. Identify priorities for applied science and other information for conservation/sustainable resource management; coordinate efforts with science centers
4. Maximize availability and accessibility of data & information about large-scale stressors, impacts to natural & cultural resources, management options
5. Promote identification, use and sharing of science, traditional ecological knowledge, other relevant information
6. Promote coordination and efficiency of efforts
7. Promote awareness of effects climate change on environment, cultures, economies



Organizational Structure

North Pacific Landscape Conservation Cooperative

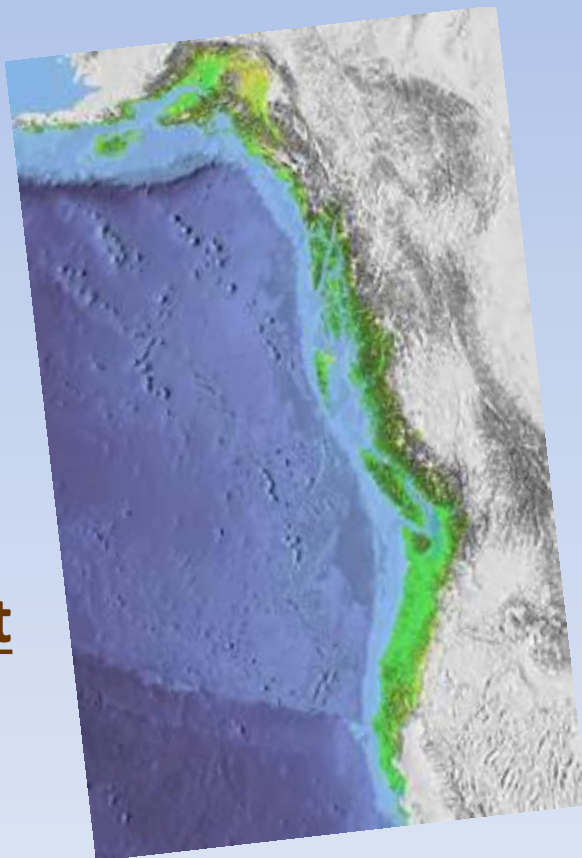




Steering Committee Entities

Federal

FWS, USFS,
BLM, NOAA,
NRCS, EPA,
NPS, USGS, BIA
CWS, DFO



5 Tribes & First Nations

AK, BC, WA,
OR, CA

State/Provincial

4 States (AK, WA, OR, CA)
British Columbia

Partnerships:

Pacific Coast J.V.

Science Orgs:

CSC (AK, NW, SW)
NOAA RISAs
Pacific Inst. Climate Sol.
Pac. Climate Impacts Con.



NPLCC Strategic Plan (10 year look)

Completed

Science/TEK
Strategy

Completed

Communication
Outreach
Strategy

In Development

Tribal/First
Nations &
Partnership
Strategy



Drive Annual Work Plans

Aligned with budget, linked to performance measures



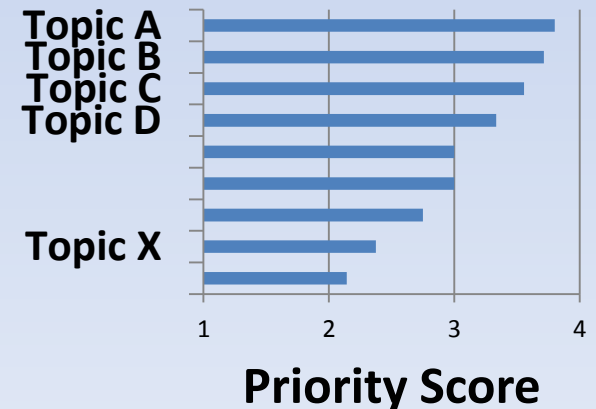
4-year Science & TEK Strategy

Priority Topics

- Effects of hydrologic regime shifts on rivers, streams, and riparian corridors
- Effects of change in air temperature and precipitation on forests
- Effects of changes in sea levels and storms on marine shorelines, the nearshore and estuaries
- Effects of the changes in the hydrologic regime on anadromous fish
- Invasive species, diseases, pests and their effects on biological communities

	Climate-related drivers			
Valued resources				

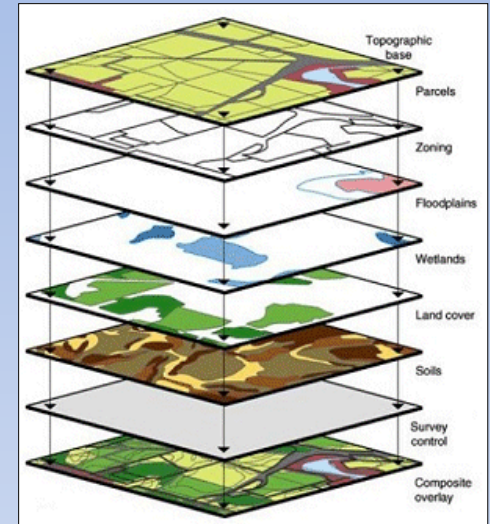
Evaluation
Criteria





NPLCC Projects

- Overview
- TEK and Subsistence Projects





How to Engage with NPLCC

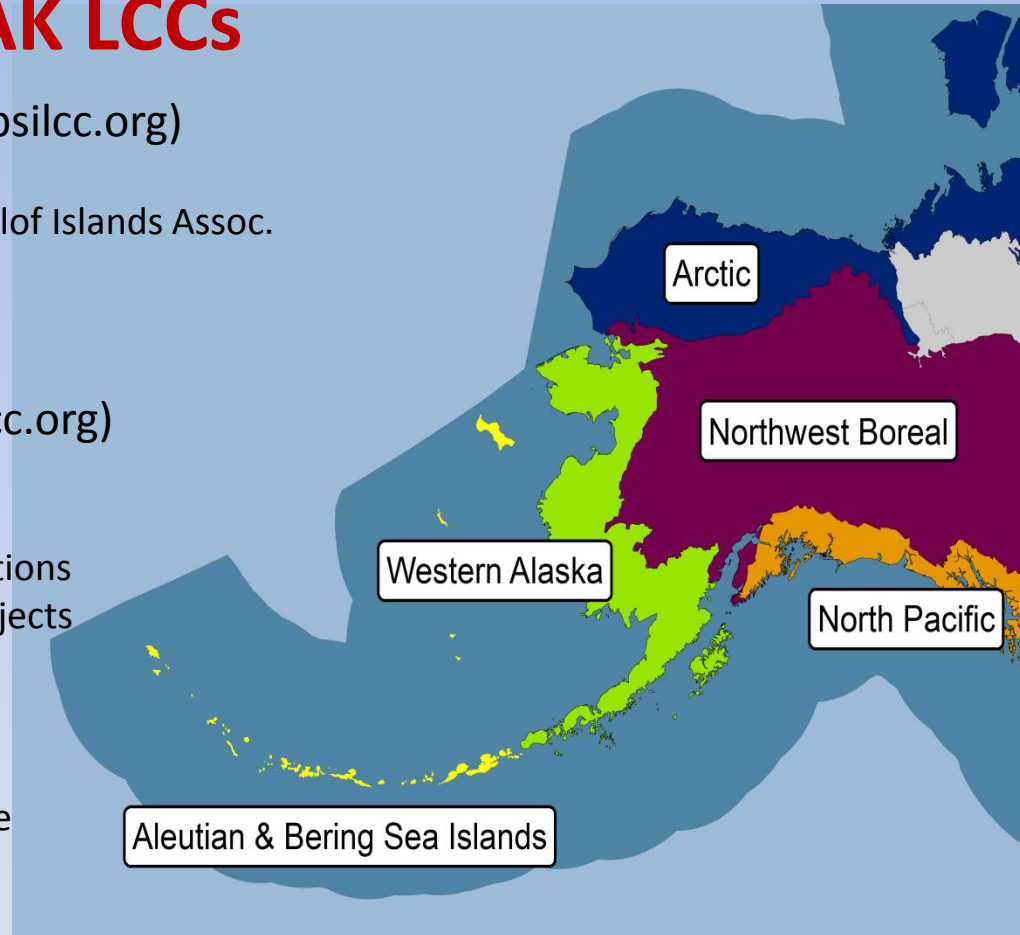
- **Join List-serve** <http://northpacificlcc.org>
- **Connect with Eric Morrison – Douglas Indian Association, Juneau; or Raymond Paddock II, Central Council Tlingit Haida**
- **Participate in our Tribe/First Nations group and other gatherings**
- **Participate in S/TEK or Communications Sub-committees**
- **Apply for grants –**
 - **Topics outlined in our S/TEK Strategy and Implementation Plan**
 - **Annual RFP for Pre-proposals and proposals; usually in winter for spring decisions**





Other AK LCCs

- Aleutian & Bering Sea Islands LCC (absilcc.org)
 - Doug Burn, Coordinator
 - Tribal: Qawalangin Tribe, Aleutian Pribilof Islands Assoc.
 - Karen Pletnikof, APIA is Chair of SC
 - BIA grant
- Western Alaska LCC (westernalaskalcc.org)
 - Karen Murphy
 - Tribal: 116 Tribes, many opportunities,
 - AK Native Tribes and Regional Associations
 - Funded TEK and Tribal community projects
- Northwest Boreal LCC (NWBLCC.org)
 - John Delapp
 - Tribal: Alaska Native NGOs, all welcome
- Arctic LCC (arcticlcc.org)
 - Greg Balogh, Coordinator
 - Tribal: 11 Tribes in region; seeking more engagement
 - Possible future RFP on village/rural climate adaptation





Questions?

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NorthPacificLcc.org

LCCnewtwork.org