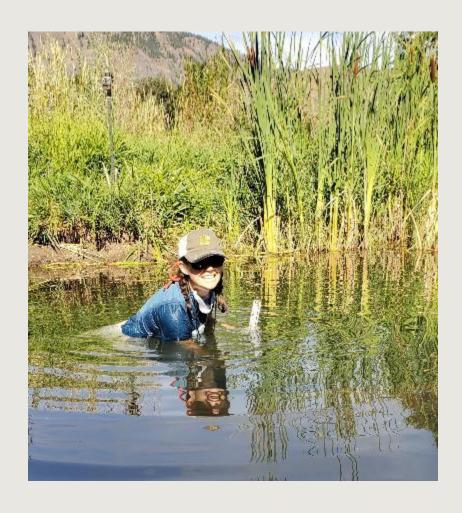
### COLLABORATION,

CREATIVITY, &

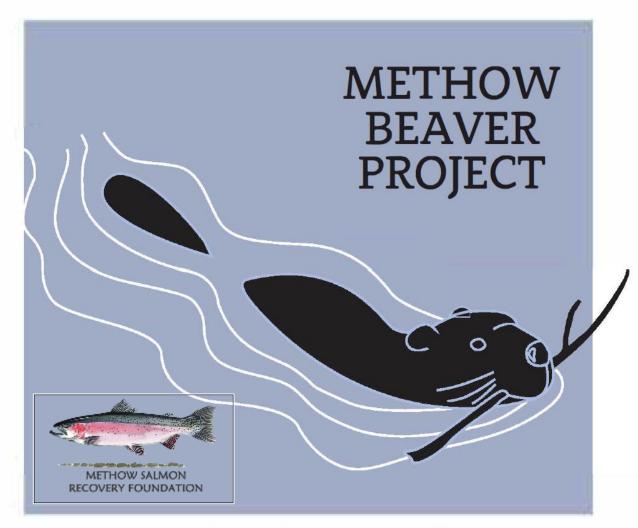
#### DETERMINATION

KEY ELEMENTS FOR IMPLEMENTING CHANGE TOWARDS BEAVER MEDIATED PROCESS-BASED RESTORATION





ALEXA WHIPPLE PROJECT DIRECTOR alexa.mbp@methowsalmon.org



www.methowbeaverproject.org







- Developing Effective Partnerships
- Overcoming Institutional Ruts



- Developing Effective Partnerships
- Overcoming Institutional Ruts
- Minimizing Conflict Over Beaver Management



#### **Developing Effective Partnerships**

 Consider common goals yet diverse actions & stakeholders among potential partners

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WATER STORAGE





### BIODIVERSITY

SARAH GILMAN

### FLOODPLAIN CONNECTIVITY

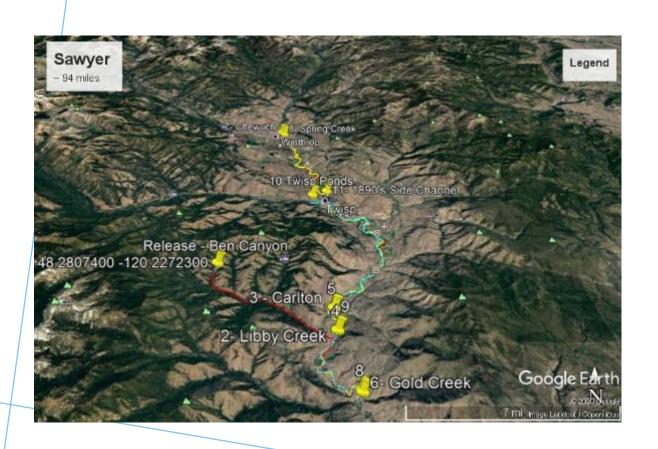
OKANOGAN HIGHLANDS ALLIANCE-TRIPLE CREEK PROJECT



Photo: Julie Vanderwal



### SCIENTIFIC UNDERSTANDING







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### Partners &

Collaborators

METHOW
BEAVER
PROJECT

OKANOGA

OKANOGAN Highlands















www.methowbeaverproject.org





































# Partners & Collaborators









































# Partners & Collaborators









































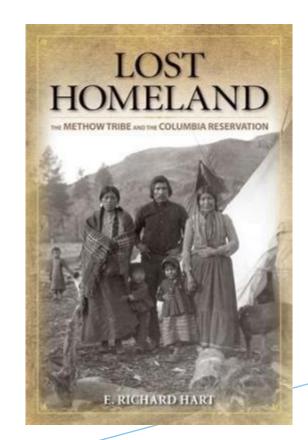
# TRADITIONAL ECOLOGICAL KNOWLEDGE & CULTURAL VALUES OF THE COLVILLE TRIBES

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  - Help provide & participate in experiential education in restoration & stewardship of the watershed & stewardship of cultural relationships



COLVILLE
TRIBE FIRST
SALMON
CEREMONY

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- Ask people if they want to play partner



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Inc.ocm

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"Make the Revolution Irresistible."

Toni Cade Bombara

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- Be a good listener



Kidsactivityblog.com

## MBP PERSPECTIVE ON EFFECTIVE COLLABORATION & COALITION BUILDING

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- Practice Listening
- Quiet The Ego



• Federal - USFS, USFWS, USDA, NOAA, BLM

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USFS Methow Ranger District

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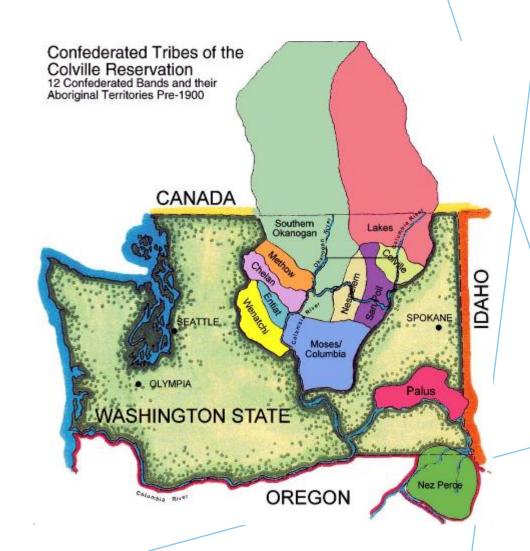
**USFS Methow Ranger District** 



USFWS Winthrop National Fish Hatchery

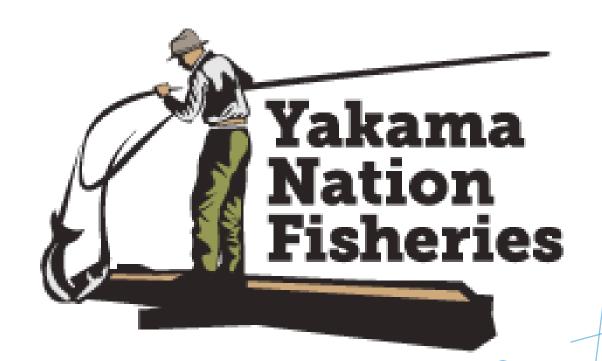
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- Local Watershed Council, Backcountry Hunters & Anglers, Land Trusts, Environmental Groups, School Districts-public, private, native



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2015 WA Beaver Working Group Meeting

2015 Practitioner Training



WA State Aug 2019

1st Official
Beaver
Relocator
Training
WDFW's Pilot Licensing
Program



October 2019
Building
BDA's With
Okanogan
Highlands
Alliance

### 2014 Oregon - State Of The Beaver Conference



#### 2020 Maryland – BeaverCon - Presenters







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#### Potential Deliverables

- Increased stream length
- Increased water surface area
- Increased temperature heterogeneity
- Increased wood cover
- Increased max depth
- Increased habitat unit heterogeneity



Permitting

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 Bring ideas to your regulatory agency, ask for advice on how to make something new, possible & work together to make it so

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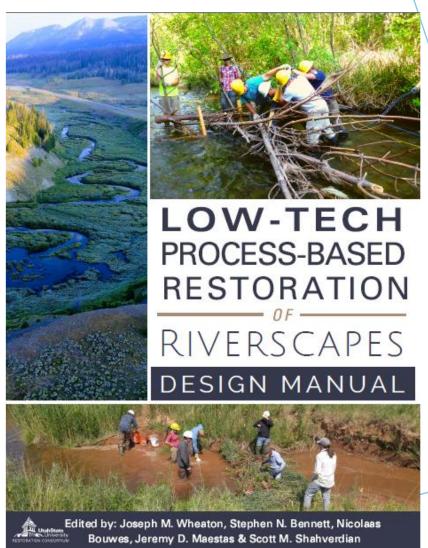


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Heter 1955



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WA Beaver Working Group: Beavers Northwest, Tulalip Beaver Project, Methow Beaver Project, Cowlitz Beaver Project, The Lands Council, Wishpush Project (Yakama Nation, MARS, MCSRB), King County, WDFW, WDNR, USDA, WA Dept of Ecology

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- Help create guiding documents to make regulatory permitting easier

#### The Beaver Restoration Guidebook

Working with Beaver to Restore Streams, Wetlands, and Floodplains

Version 2.0, June 30, 2017



Photo credit: Worth A Dam Foundation (martinezbeavers.org)

#### Prepared by

US Fish and Wildlife Service National Oceanic and Atmospheric Administration University of Saskatchewan US Forest Service

#### Funded by

North Pacific Landscape Conservation Cooperative

Michael Pollock and Chris Jordan Gregory Lewallen Kent Woodruff



Version 2.0. Get the latest version at: https://www.fws.gov/oregonfwo/promo.cfm?id=177175812

- Permitting
- Policy

#### Policy

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#### Oregon DFW Website Wildlife Management Definitions What is a Furbearer?

Furbearers are beaver, bobcat, fisher, marten, mink, muskrat, river otter, raccoon, red and gray fox. For any person owning, leasing, occupying, possessing or having charge or dominion over any land (or an agent of this person) who is taking or attempting to take beaver or muskrat on that property, these two species are considered to be predatory animals.

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  - At least: Establish protections in beaver restoration watersheds



#### Policy

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  - At least: Establish protections in beaver restoration watersheds
  - At best: Reclassify beavers as keystone species, partner in ecological restoration/resilience





"The beaver isn't just an animal:
it's an ecosystem."

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  - Help draft language for new policies that shows beaver benefit to communities on numerous levels (2006 WA Beaver Bill-allowed non-lethal removal & relocation of beavers, NGO's were instrumental)



Rep. Joel Kretz 7<sup>th</sup> Leg. District, WA



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  - Demonstrate need/contradictions (public policy/funds for restoration & harvest opportunity)





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- Coexistence measures needed to compliment protections



# $MINIMIZING \ CONFLICT \ OVER \ BEAVER \\ MANAGEMENT$



 Practice EXCELLENT listening skills, value landowner perspective & priorities, offer solutions



Logan, UT Placesjournal.com

 Practice EXCELLENT listening skills, value landowner perspective & priorities, offer

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San Antonio Creek, NM Placesjournal.com

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- Propose experimental actions that can be changed with adaptive mgmt





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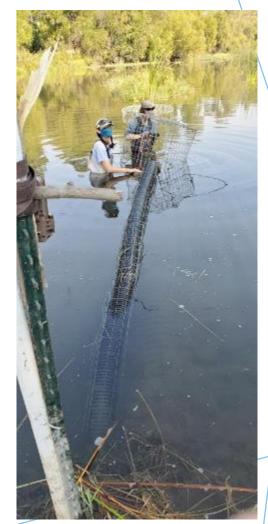
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- &....

#### "MAKE THE REVOLUTION IRRESISTIBLE."

TONI CADE BOMBARA











Alexa Whipple – Project Director alexa.mbp@methowsalmon.org

# Ben Goldfarb's sharing of "already pledged" Day 1 Executive Order's from our Beaver Believer in Chief - President Joe Biden

- 1) Ban recreational fur trapping on all federal lands
- 2) Suspend USDA's aquatic mammal damage program
- Mandate the installation of nonlethal Beaver Deceivers at all road culverts on federal highways
- Require that USFS, BLM, and other land agencies restore degraded streams using Beaver Dam Analogues
- 5) **Designate** National Monuments at all occupied beaver ponds
- Appoint a federal Beaver Czar to coordinate semiaquatic rodent recovery efforts
- 7) Declare International Beaver Day (April 7) a federal holiday
- 8) Excavate a beaver pond on the White House lawn and populate it with animals relocated from the Potomac River
- Replace the Biden family German shepherds with a colony of beavers that lives within the walls of the White House itself
- 10) Annex Canada