



Building Tribal Wetland Education and Outreach Programs

Tulalip Tribes of Washington

Presented By

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Talk Outline

1. Tulalip Tribes background
2. Education and Outreach Guidelines
3. Example E&O Event: Fish Camp!
 1. Overview
 2. Collaborations
 3. Funding
 4. Development
 5. Outreach Components



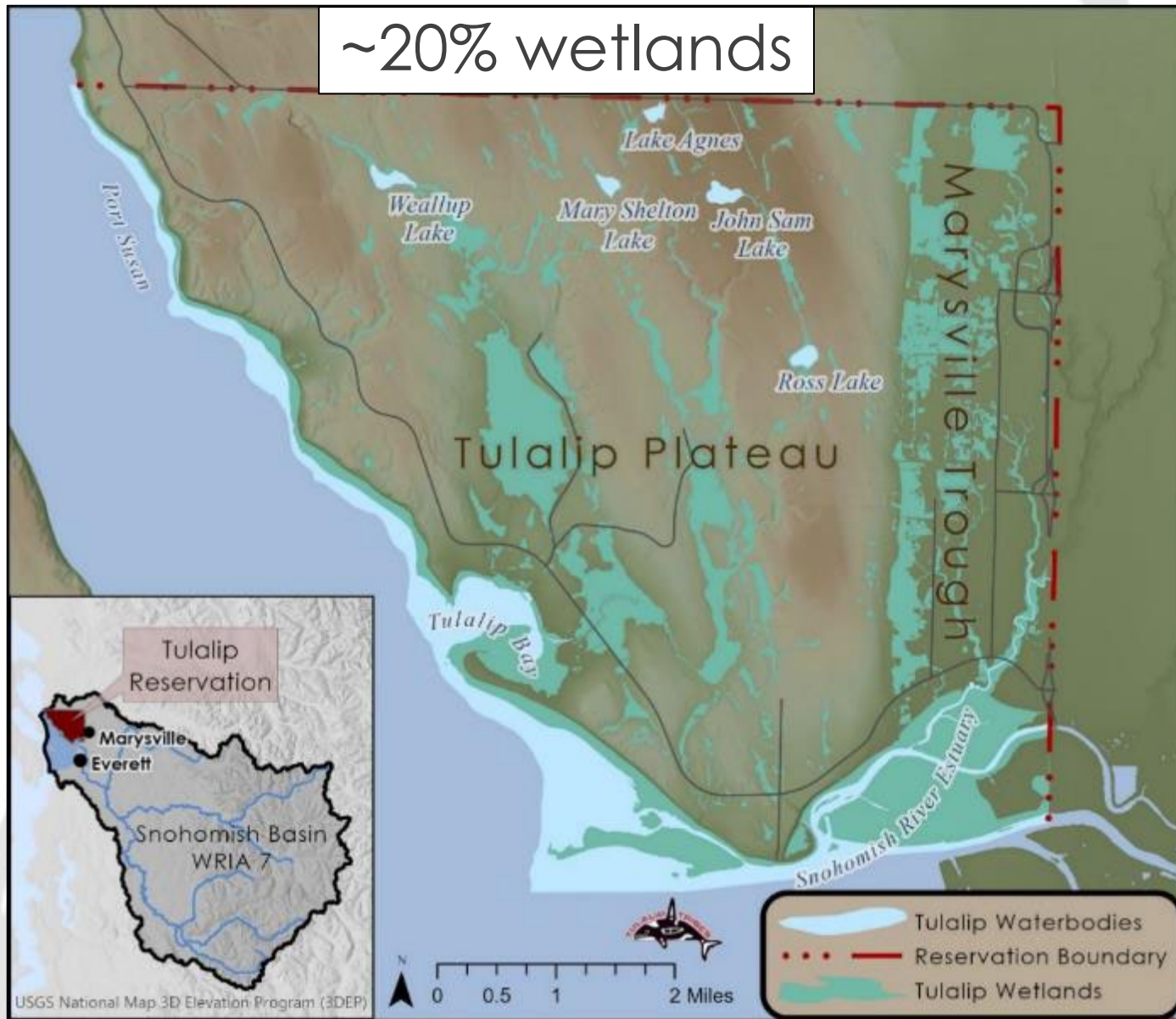
Tulalip Tribes of WA

- Successors in interest to the Snohomish, Snoqualmie, Skykomish, and other tribes and bands signatory to the 1855 Treaty of Point Elliot





Tulalip Reservation





Traditional Knowledge

- Knowledge is a **gift** not a right
 - Don't assume people will give you information just because you ask for it
- Balance sharing knowledge with protecting sovereignty and resources
 - Don't assume you can share information
 - Don't assume you know what information is sensitive or not
 - Don't assume you know all of the risks of sharing information



Education & Outreach - Guidelines

Tailor E&O efforts to audience

- Don't over-use jargon or acronyms
 - Define if used
- Let the community lead outreach direction
 - **Ask for and listen to feedback, especially from target audience(s)**
 - Respect that you are asking the community to do work and give time
 - Tie to community and cultural values



Wetland Education & Outreach

Let's talk about **Fish Camp!**

- July 15-19, 2023
- Get Tribal youth out into nature to learn about culture, nat. resources management
- Follow salmon life cycle (streams and hatchery to estuary/Puget Sound)
- Had 14 youth participate



Fish Camp: Collaborations

- Tribal programs, Native-led non-profits, volunteers





Fish Camp: Funding

Build E&O opportunities into grants, projects

- Fish Camp funded through an I-STEAM grant
 - Free for youth to attend
 - Provided gear and materials for activities
 - Prevent access to gear/materials being a barrier!
 - Hired camp staff (Tribal members!)
 - Hired Tribal teachers and artisans
 - Provided thank you gifts for teachers, speakers, and volunteers
 - Can also provide gifts like stipends if interviewing elders for developing E&O



Fish Camp: Funding

Lessons learned:

- Make sure everything is in your budget!
- Have funding secured before starting the camp!



Fish Camp: Development

- Involved community, parents, teachers early in the development process
 - What and how youth should learn
 - Intentional learning
 - Experiential learning
 - Connecting with culture and natural resources



Fish Camp: Development

- Education “lecture”
 - Why topic matters
 - Cultural connection/TK
 - Logistics
- Hands-on activities





Fish Camp: Development

- Education “lecture”
 - Why topic matters
 - Cultural connection/TK
 - Logistics
- Hands-on activities
- Traditional stories and teachings





Fish Camp: Schedule

ISTEAM- FISH CAMP

July 15th - 19th 2023

SATURDAY

2:30 - 5PM WELCOME!!!
 Sign in & Registration
 Set up Camp
5 - 5:30 Opening Circle
5:30 Traditions & Treaty Rights
6 - 7PM Dinner
8:30 Closing Circle

VALUES

SUNDAY

8 - 9AM Breakfast & Sign In
9 - 9:30 AM Opening Circle
9:30 - Noon Salmon Traditions - Building a Smoker
Noon - 1PM Lunch
1 - 3 PM Salmon Traditions - Ironwood Gathering
3 - 4:30PM Salmon Traditions - Finish smoker and fish sticks
5 - 6PM Dinner
6 - 6:30PM Closing Circle

MONDAY

8 - 9AM Breakfast & Sign In
9 - 9:30 AM Opening Circle
9:30 - Noon Seafood Traditions - Beach Walk & Tideland Ecosystems
Noon - 2:30PM Seafood Traditions - On the Water
2:30 - 5PM Seafood Traditions - Cooking Styles!
5 - 6PM Dinner
6 - 6:30PM Closing Circle

TUESDAY

8 - 9AM Breakfast & Sign In
9 - 9:30AM Opening Circle
9:30 - Noon Salmon Stewardship - Hatchery
Noon - 1PM Lunch@Hatchery
2:30 - 3PM Salmon Stewardship - Up Stream Ecosystems
3 - 5PM Crafting & Making
5 - 6PM Dinner
6 - 6:30PM Closing Circle

WEDNESDAY

8 - 9AM Breakfast & Sign In
9 - 9:30AM Opening Circle
10 - Noon Restoration - Qwuloolt Estuary
Noon - 1PM Lunch
1 - 2PM Last Closing Circle of Camp
2 - 3PM Pick-up Camp & Sign Out

PURPOSE

DESIRES



Fish Camp: Day 1

Set up and get to know each other

- Opening circle
- Closing circle



Fish Camp: Day 2

Treaty Rights and Salmon Traditions

- Intro to treaty rights
 - Why are treaty rights important for Tulalip?
 - Rights to gather/hunt/fish in Usual and Accustomed Areas
- Connection between treaty rights and fish
 - Why fish are important to Tulalip?



Fish Camp: Day 2

Treaty Rights & Salmon Traditions

- Connections between fish and Tulalip people
- Cultural knowledge associated with fish
 - How fish are caught, prepared, cooked, preserved; timing and traditional materials used

Prepping, drying and cooking fish



Drying fish on the beach 1901



Woman cleaning fish 30's down behind the Dining Hall



Another way of cooking fish on a stick. Left to right, boy Bagley, Sambo Alexander, front row, Marthe Bagley and her mother, Aunt Jane Harrison.



Cooking fish on Tulalip beach by unknown male



Elise Price and the Nona cleaning and cooking fish in the longhouse



New Smoke house Inez Hill, Janice Taylor, and Mr. Jones teshzer

Cooking fish on a stick is the traditional way we would cook. We would make the fish sticks out of iron wood because of how hard the wood is and how it can stand up to fire without burning fast.

Picture provided by my lady



Tom Gobin
Cooking fish
on a stick at
the Gobin
Homestead



Fish Camp: Day 2

Treaty Rights & Salmon Traditions

- Connections between fish and Tulalip people
- Cultural knowledge associated with fish
 - How fish are caught, prepared, cooked, preserved; timing and traditional materials used
 - Constructed a Smoker
 - Gathered Materials for Fish Sticks
- Salmon Identification

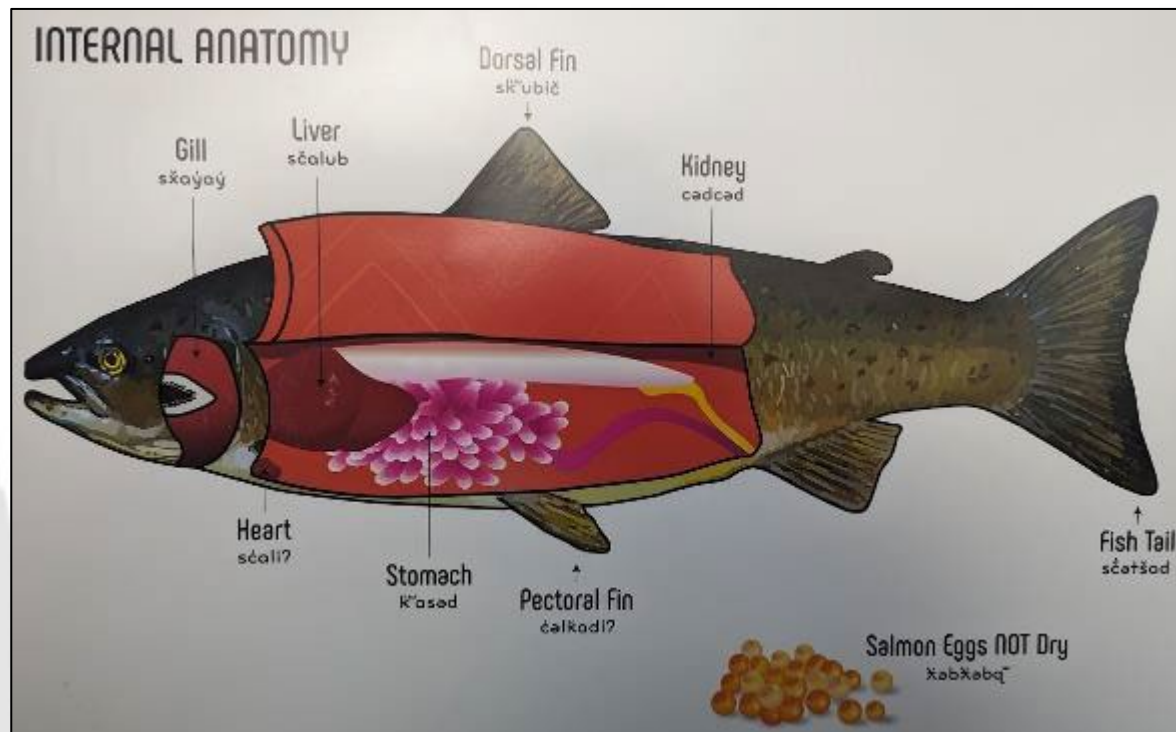




Fish Camp: Visual Aids

Posters, handouts, etc.

- Reduce jargon as much as possible
- Useful to target audience
- Community specific (added Lushootseed)





Fish Camp: Day 3

Seafood Traditions

- Beach walk
- Boat rides
 - Species Identification
 - Geography/navigation
 - Place history
 - Traditional ways of gathering shellfish
- Making Our Sea Foods
 - Cleaning and prepping clams
 - Ways of cooking



Fish Camp: Day 4

Salmon Stewardship

- Toured Bernie Kai-Kai Gobin Hatchery





Fish Camp: Day 4

Salmon Stewardship

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- Visited Upstream Habitats





Fish Camp: Day 4

Salmon Stewardship

- Toured Bernie Kai-Kai Gobin Hatchery
- Visited Upstream Habitats
 - Tulalip Plant Database App (new!)
 - **If using existing data collection applications like iNaturalist** be aware of:
 - Who owns the data and how it is used
 - Who has access to the data
 - Possible issues surrounding ID of rare or noxious



Fish Camp: Day 5

Estuaries and Restoration

- Visited Qwuloolt Estuary with Natural Resources staff





Fish Camp: Day 5

Estuaries and Restoration

- Visited Qwuloolt Estuary with Natural Resources staff
 - Importance of estuary restoration/preservation for salmon
 - Discussion of Qwuloolt as a mitigation/restoration site
 - Plant identification
 - Native plants in the estuary
 - Invasive plants and how they are managed



Fish Camp: Lessons Learned

- Plan activities that are active, keep their minds stimulated (harvesting, boats, walk around estuary, fish filleting, building a smoker, fish sticks) – tie in to culture like giving thanks, explaining why its culturally relevant
 - Don't assume attendees know the information already, create a safe environment for them to ask questions
- Age group appropriate activities/discussions for each age group; 1 adult per 2-3 youth
 - Middle schoolers by themselves
- Manage downtime – quiet time with crafts (painting, beading, drum making), reading, walks/hikes – culturally relevant activities
- Tie in NR element all over (how everything is connected; seasons connected to plants, plants are connected to fish, etc.)
- Keep it focused on a central theme (e.g., salmon life cycle) and can have tangential activities (shellfish, smoking fish, watershed health, septic systems) – maintaining fish, harvesting fish, eating fish (tying into cultural connections)



tig^wicid! (Thank you!)

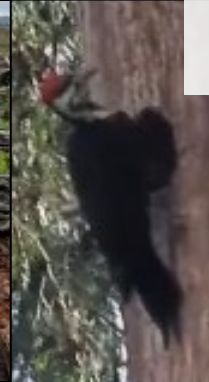


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ADDITIONAL INFORMATION





Who We Work With

- Gear Donations
 - Cabela's
 - Dick's Sporting Goods
 - REI
 - YMCA
- Signs and brochures
 - For invasive species, WSU extension
- Funding
 - Wetland Program Development Grants (EPA)
 - Language Revival Grants
 - Tulalip Foundation Grant
 - Olsen Foundation Grant
 - I-STEAM