# Inter-Tribal Monitoring Data Project
# Annual Workshop
# April 13, 2022,  8:30-4:00 PT

Confederated Tribes of the Warm Springs
Indian Reservation of Oregon
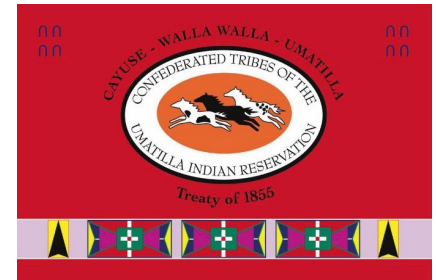
https://www.gotomeet.me/ITMD
**If needed, dial in** (audio only)
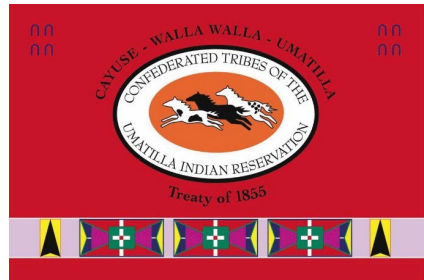+1 (872) 240-3212, Access Code: 790-321-821

Eagle Creek Trail, OR 2017  Olson

# Agenda
## ITMD Project
## Annual Workshop
## April 13, 2022

Confederated Tribes of the Warm Springs
Indian Reservation of Oregon

| Time | | | Topic | Presenter |
|------|---|---|-------|-----------|
| 8:30 | | | Welcome<br>ITMD: A Short History<br>and Thoughts for the Future | Doug Hatch, CRITFC Fishery Science Dept Chair |
| 8:40 | | | Budget Brief | Sheryn Olson, ITMD Coordinator (CRITFC) |
| 8:50 | | | Columbia Basin Fish & Wildlife Library:<br>Resources for Researchers | Tami Wilkerson, Library Program Lead/Librarian, CBFWL |
| 9:00 | | | **Our biggest obstacles?**<br>**Our possible solutions?** | ▪ YNF – Michelle, Bill, Anneliese, *et al.*<br>▪ CTUIR – Colette Coiner, Stacy Schumacher, *et al.*<br>▪ CTWSRO – Stefan Kelly, *et al.*<br>▪ NPT – Clark, Tyler, Sam, Ryan, *et al.* |
| 9:45 | | | Data Management Maturity Model | How do we score a similar dataset? –<br>Spawning Ground Survey: Clark Watry discussion leader |
| 10:00 | | | Assess the DMMM tool:<br>Last Year vs. This Year | ▪ YNF – Bill Bosch, Data Manager<br>▪ CTUIR – Colette Coiner, Data Management Coordinator<br>▪ CTWSRO – Stefan Kelly, Watershed Restoration Coordinator<br>▪ NPT – Clark Watry, Project Leader/Data Steward<br>▪ CRITFC – Joe Nowinski |
| 10:15 | | | **Break** | |
| | | | **Managing Large Datasets** | |
| 10:30 | | | From Micro to Macro: Scaling-up a data management ecosystem | Benjamin Warren, Jacob Shapley and Danny Warren, Washington Department of Fish and Wildlife Biological Database Systems |
| 11:00 | | | Data management and visualization for large datasets at CMOP | Charles Seaton, Director, CMOP | Center for Coastal Margin Observation & Prediction (stccmop.org) |
| 11:20 | | | Managing data from Unmanned Aerial Systems (UASs) | Connar Stone, Grande Ronde Model Watershed |
| 12:00 | | | **Lunch** | |

# Our Obstacles, Our Solutions

1. What are your biggest obstacles that you encounter?
   OR   What causes the most "pain"?

2. What are your proposed solutions?
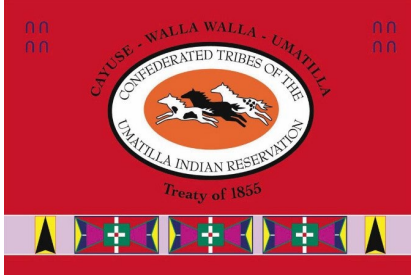
- Yakama Nation Fisheries                                                    Michelle, Bill, Anneliese, *et al.*

- Confederated Tribes of the Umatilla Indian Reservation       Colette Coiner, Stacy Schumacher, *et al.*

- Confederated Tribes of the Warm Springs Reservation of Oregon   Stefan Kelly, Javin Dimmick, *et al.*

- Nez Perce Tribe                                                           Clark, Tyler, Sam, Ryan, *et al.*

Sheryn Olson, ITMD Project Lead

# Our Obstacles, Our Solutions

## Universal obstacles?  Two categories:

### Systemic

Lack of personnel (difficulties hiring or little funding), time, or other resources

Contract obligations time consuming (e.g. DMMM, meetings, reporting)

Finance process slow, slows everything

### Data Product Development and Management

Communication & expectations: lack of feedback

Iterative development needs limits, a little less iteration

Updates?  Difficult to implement, maintain, complex

## Some proposed solutions?

- Use contractors to fill data professional roles
- Reduce contract obligations – fewer meetings, less reporting (e.g. DMMM)
- Develop internal systems for data management/governance to, for example, impose rules for development processes – including acceptance, testing, buy-in process