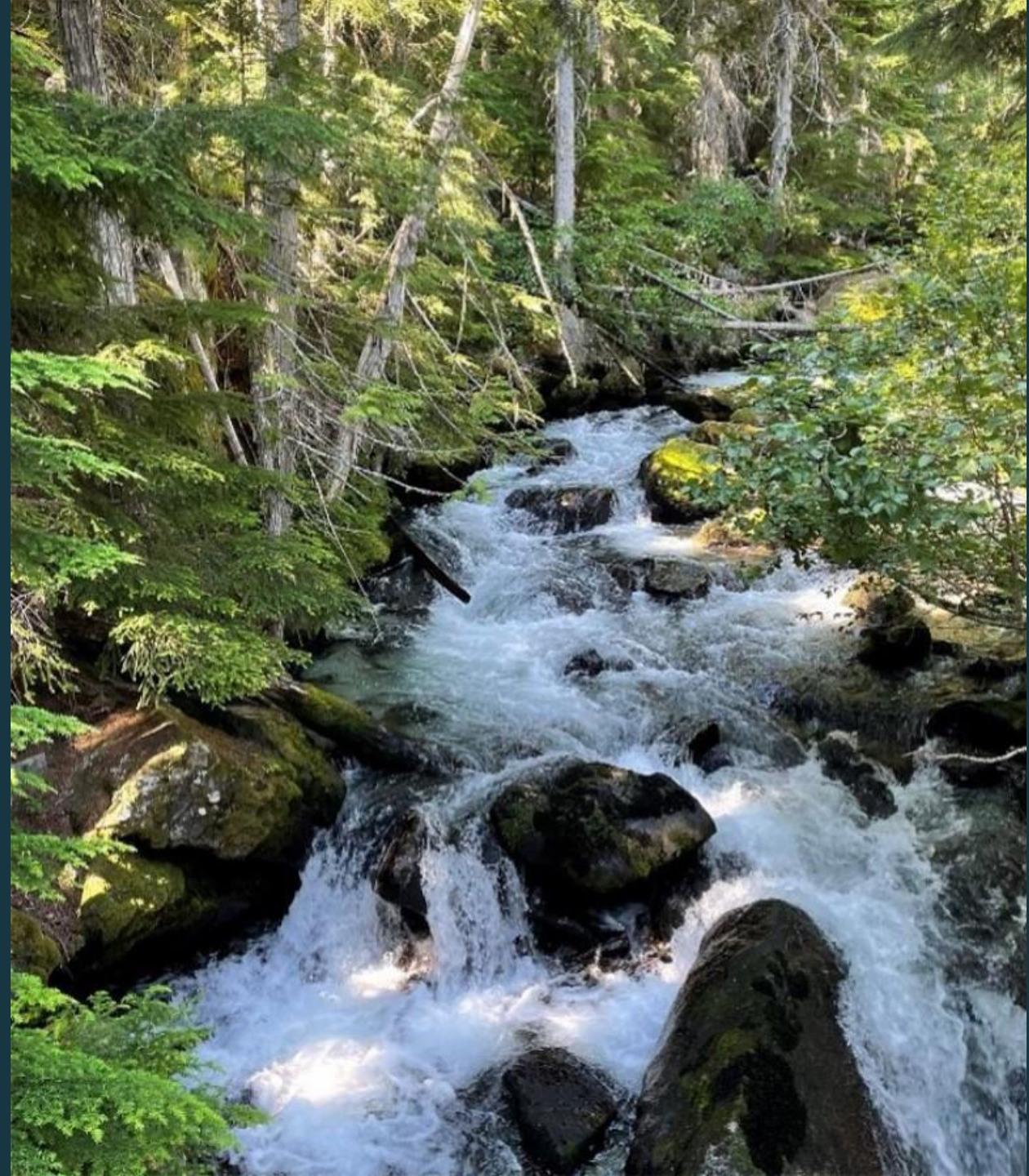


DROUGHT PACKAGE UPDATE

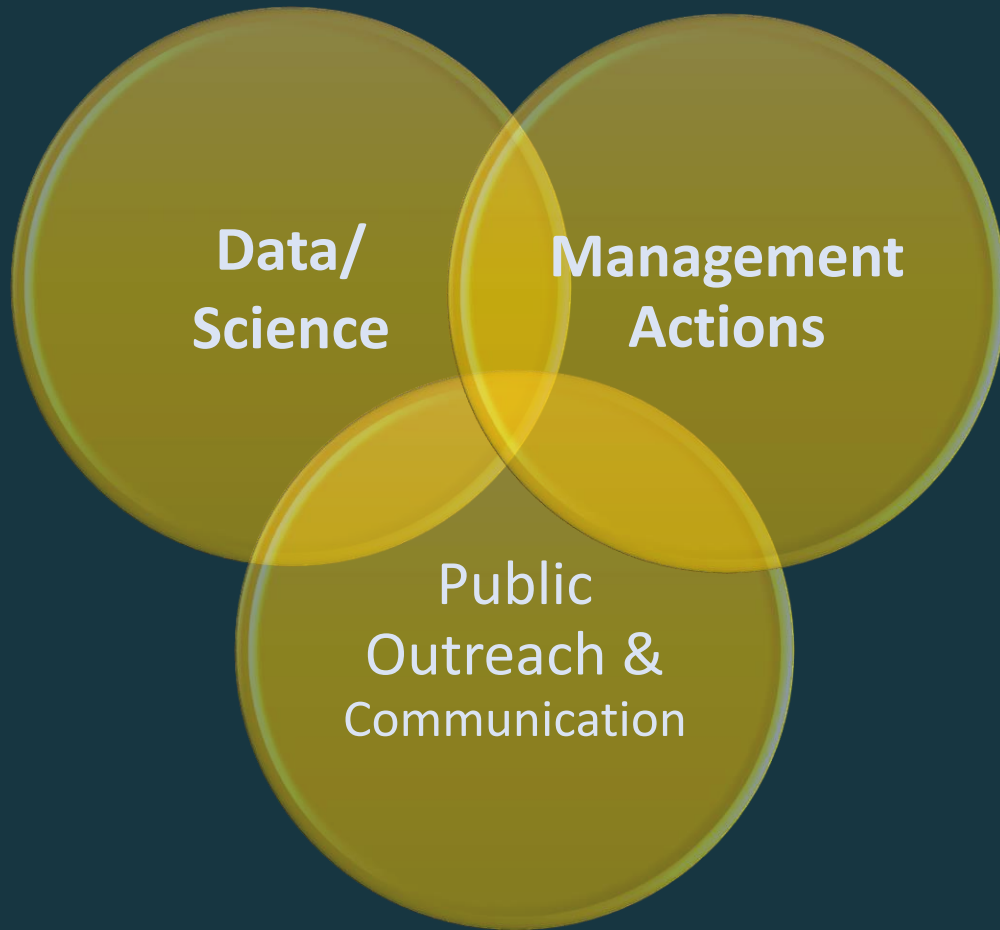
January 31, 2023



Debbie Colbert
Chandra Ferrari
Shaun Clements



Drought Planning, Response, Outreach



Focus on short- and long-term drought response

Anticipate species needs and habitat and recreation impacts

Utilize data/science to prioritize and inform management actions; identify and address information gaps

Work closely with partners

UNPACKING THE DROUGHT PACKAGE



The Drought Package

- \$2.6M Water Resiliency
- \$8M Fish Passage
- \$4M ODFW/OCRf to increase resiliency of rivers, waterways, aquatic habitats
- *\$10M OWEB for water acquisition*



Leverage and amplify other programs

- \$10M ODFW/PFA Mitigation
- IIJA, ARPA, and IRA
- \$7M ODOT for wildlife connectivity projects

Drought Package: \$2.6 million

Improving resiliency



Enhance stream
flow and real-time
temperature
monitoring



Map coldwater
refugia



Address
instream water
right protests



Realtime Discharge & Water Temp Gages

Goal

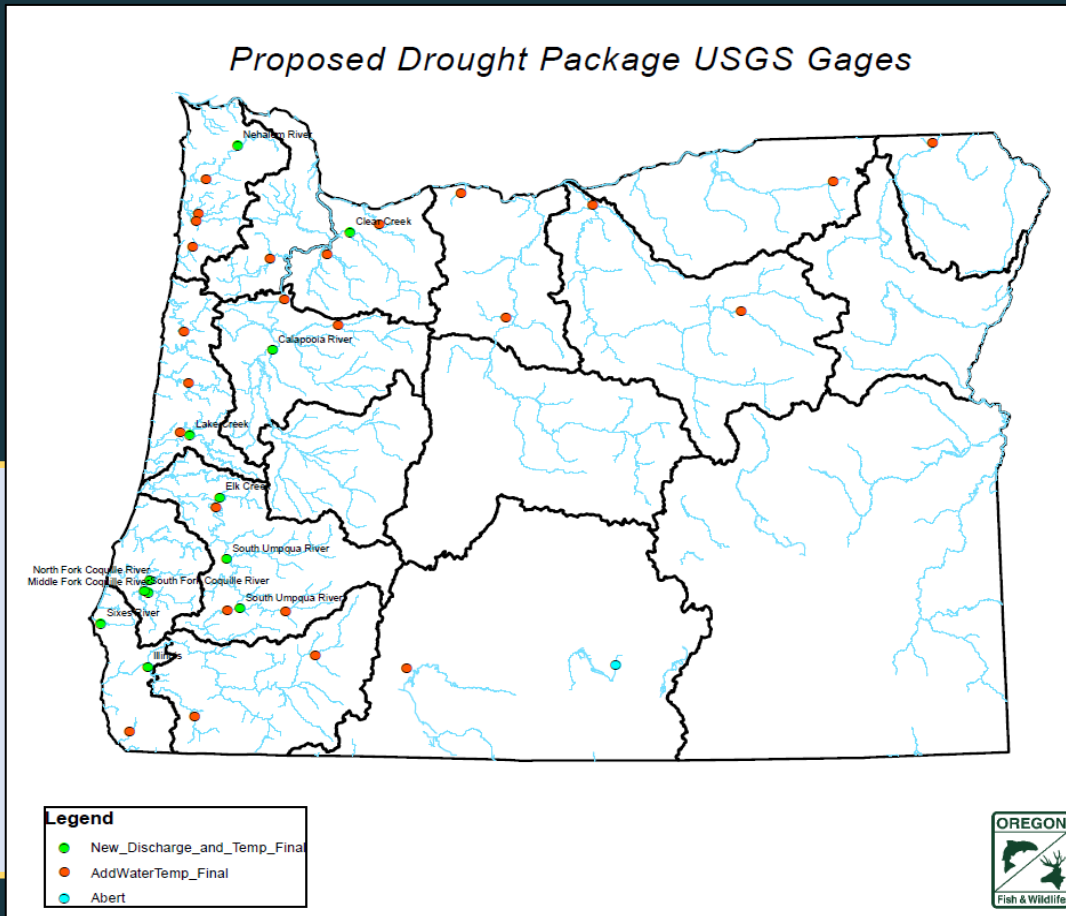
Secure better information to predict and manage drought events to ensure resilient fish & wildlife populations

Prioritized Use of Funds

- Location of senior instream water rights
- Data gaps
- Fish and wildlife conservation & management objectives
- ODFW priority basins and focal watersheds

To date:

- *13 new discharge gages with temperature*
- *25 additional real-time temperature devices to existing gages*



Drought Package: Cold Water Refugia

Goal

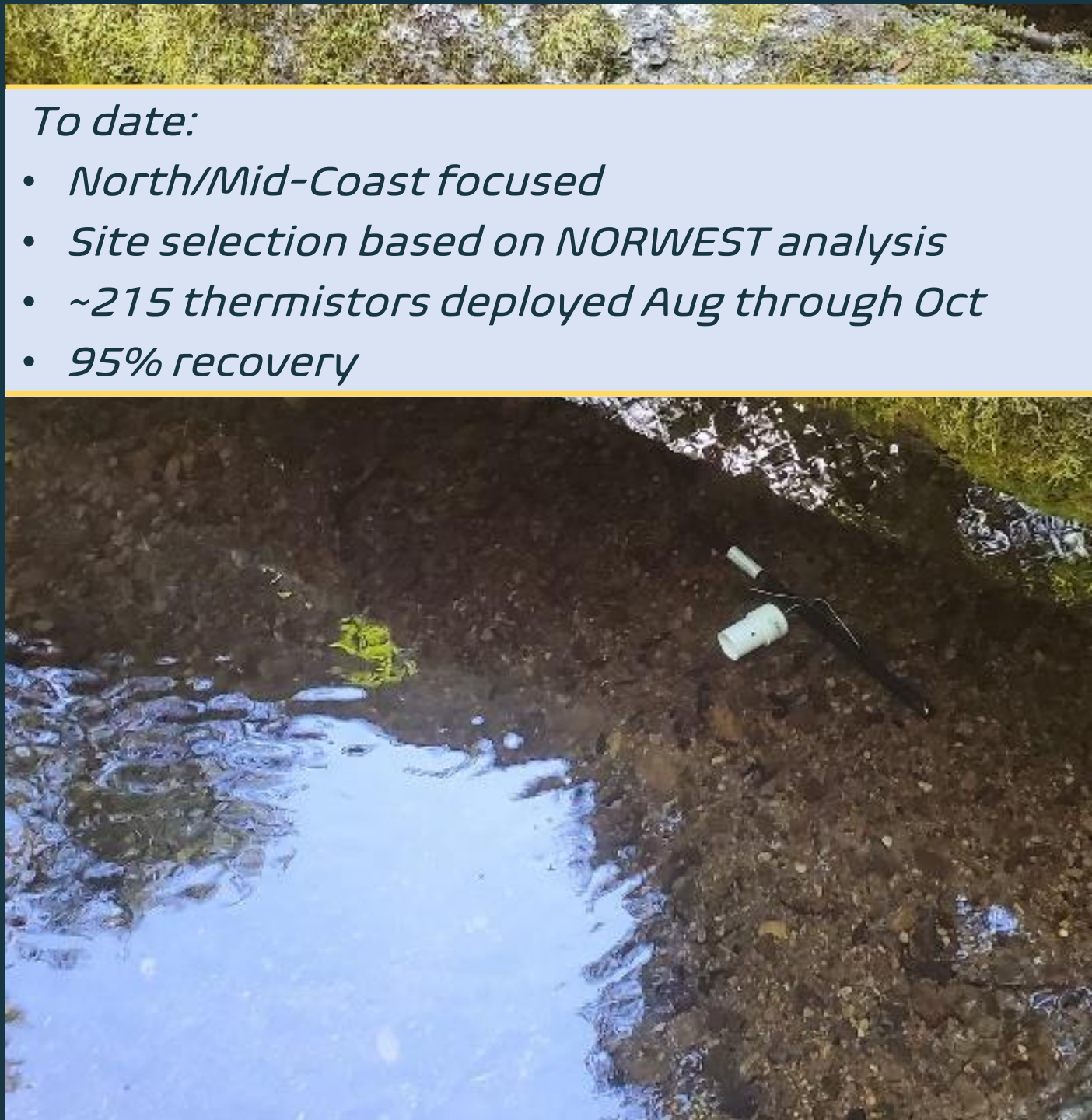
Identify cold water refugia as these areas are important to species' ability to withstand heat events and adapt to changing conditions

Approach

- Tiered approach
- Rotating through watersheds
- Multi-year effort
- Location prioritization
- Data collection and management activities

To date:

- *North/Mid-Coast focused*
- *Site selection based on NORWEST analysis*
- *~215 thermistors deployed Aug through Oct*
- *95% recovery*



FISH PASSAGE

\$8 Million in 21-23 to improve fish passage

Targeting focal areas

Wallowa, OR Coast,
Rogue, Klamath



Construction
ready



Design work

Drought funds
will leverage
millions in
federal IJA
funds

The drought package plays a key role in
funding design work that can then be
implemented using other fund sources



1 YEAR — 8 MILLION DOLLARS

2022 Legislative Drought Investment



Barriers
>100
addressed



Miles of river
>500
accessed



Acres of wetland
1140
accessed



coho

steelhead

chinook

cutthroat

lamprey

Rogue Coast coho



Wallowa River

Klamath



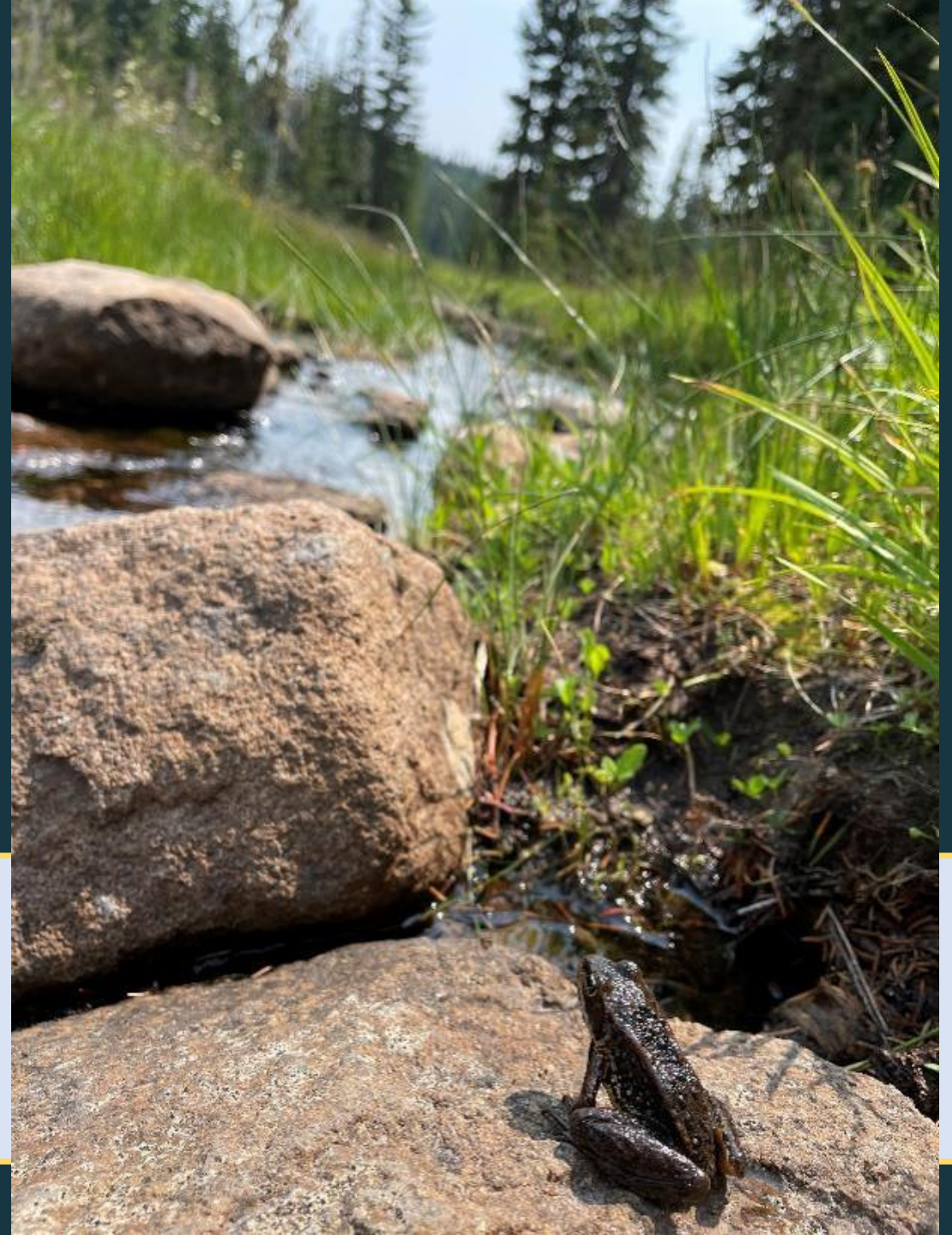
Oregon Conservation & Recreation Funding

Goals

- Enhance ecosystem resilience
- Protect and enhance habitats and species in drought impacted areas
- Promote awareness of and impacts from drought and a changing climate

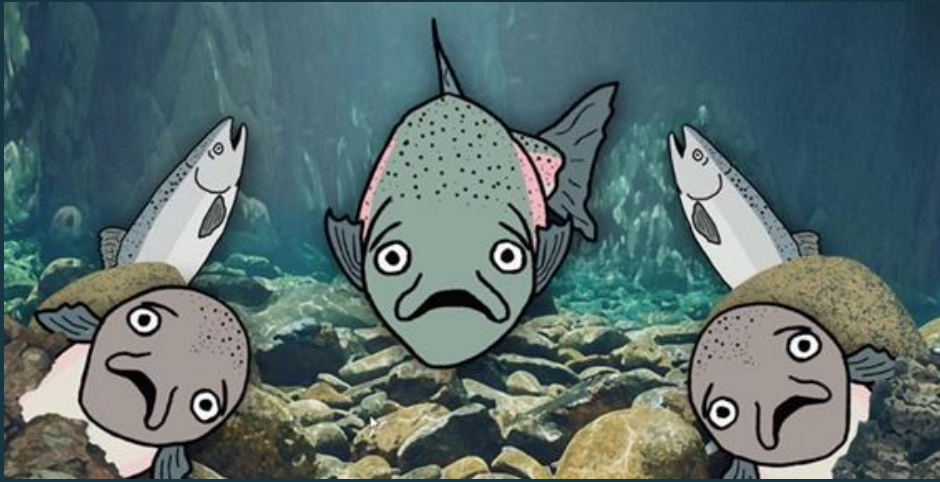
To date:

- *15 projects funded totally \$600,000*
- *Focused on drought, fire, and aquatic habitat resilience*



DROUGHT OUTREACH

\$150K

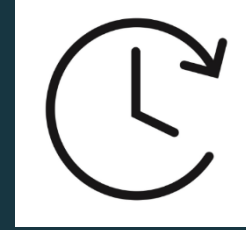


WHEN IN DROUGHT CAMPFIRES OUT

WHEN IN DROUGHT REROUTE

WHEN IN DROUGHT
FISH & WILDLIFE
ARE STRESSED OUT

WHEN IN DROUGHT
TREAD CAREFULLY ABOUT



9,617 hrs video watch time
96% video completion rate
2,241 hrs Spanish video watch time



4:27 on droughtinfo.org
2:38 on toolkit website

1.2 M
Oregonians
emailed

3.2 K
PSA's
Aired