

# Wild Trout XIII Program

## Tuesday, September 27, 2022

6:30 **Welcome social**

## Wednesday, September 28, 2022

8:00 **Welcoming remarks**, Kevin Meyer

### **Plenary Session: Reducing the gap between science and public opinion**

Kirk Deeter [“2020” Vision: Twenty ways the fly-fishing world is dramatically different than a generation ago, and why science must play a more vital role now than ever](#)

Jesse Trushenski [Facts, Ideas, and the Post-Truth State of Play](#)

Dirk Miller [Reducing the gap between science and public opinion: a state agency perspective](#)

9:50 **BREAK**

### **Socioeconomics and public engagement**, Moderator: Luciano Chiaramonte

10:20 Adam Kautza [Assessment of the wild Brown Trout fishery in the Deerfield River tailwater, Massachusetts, USA](#)

10:40 John Heckel [Investigating angler use and harvest using creel and fish tagging](#)

11:00 Shelley Humphries [Returning rotenone to the restoration tool box in Banff National Park, Canada: Reflections on public engagement and communications tools to address public interest in a national park context](#)

11:20 Amy Edwards [Creel monitoring of Washington coast recreational winter steelhead fisheries](#)

11:40 David Havlick [Angler perspectives on wild, native, and genetically pure trout](#)

12:00 **LUNCH**

### **Cold, clean, complex, and connected: understanding and restoring wild trout habitat to prepare for a changing world I**, Moderator: Jason Burckhardt

1:30 Scott Tolentino [The success story of Bonneville Cutthroat Trout in Bear Lake 1978-2021](#)

1:50 Jack McLaren [The role of fish habitat in modulating the disconnect between fisheries and fishing](#)

2:10 Garn Birchell [Utah’s North Slope Uinta Mountain native Cutthroat Trout renovation project 2019-2026](#)

2:30 Timothy D’Amico [Effects of streamflow on trends in native salmonid abundance indices in Southwest Idaho](#)

2:50 Conor McClure [Yellowstone Cutthroat Trout spawning fidelity and periodicity in the South Fork Snake River, Idaho](#)

3:10 **BREAK**

### **Cold, clean, complex, and connected: understanding and restoring wild trout habitat to prepare for a changing world II**, Moderator: Amy Wolfe

3:30 Allison Lutz [Scaling up restoration: Recovery of native and wild trout populations and downstream impacts of abandoned mine drainage restoration in a large river system](#)

3:50 James Losee [A comparative Review of two species of “sea trout” from opposite sides of the globe: Biology, ocean ecology and management of anadromous Cutthroat and Brown Trout](#)

4:10 Matthew Mitro [The influence of beaver dams on coldwater habitat and trout in Wisconsin streams](#)

4:30 Scott Schreiber [Canyon Creek culvert fish passage retrofit](#)

4:50 Robert Gresswell [Resilience of Yellowstone Lake Cutthroat Trout in the face of climate change](#)

5:10 **Poster Session**

6:30 **DINNER**

8:00 **Fisheries Film Fest**

## Thursday, September 29, 2022

### Interactions between native and non-native trout: what have we learned? and molecular studies to support wild trout conservation Moderator: Matt Kulp

- 8:00 Dave Mays [Removal of Brook Trout and response of Bull Trout and Westslope Cutthroat Trout in the West Fork Crooked River watershed, Idaho](#)
- 8:20 Doug Dieterman [Give or take: Role of stream habitat rehabilitation in a driftless area riverscape](#)
- 8:40 David Kazyak [Conservation genetics and wild trout: Evolving opportunities to support management](#)
- 9:00 Dan Kowalski [Prevalence and distribution of \*Renibacterium salmoninarum\*, the causative agent of bacterial kidney disease, in wild trout fisheries in Colorado](#)
- 9:20 Jacob Rash [Utilization of genetic data to inform native Brook Trout conservation in North Carolina](#)

9:40 **BREAK**

### Molecular studies to support wild trout conservation Moderator: David Kazyak

- 10:00 Bryan Engelbert [Avoiding the telephone pole family tree: A management strategy for retaining genetic diversity in Utah's wild Cutthroat Trout broods](#)
- 10:20 Johan Aerts [Neuro-endocrinology meets wild fish management: Using fish scale cortisol to quantify chronic stress as a means to monitor and conserve wild fish populations](#)
- 10:40 Matthew Campbell [The origin and purity of \*Oncorhynchus mykiss\* in the Wood River basin of Central Idaho](#)
- 11:00 Shannon White [Benefits of genetic data in design of Brook Trout translocation efforts](#)
- 11:20 Kevin Rogers [Inbreeding depression reduces fitness in Colorado's remaining Greenback Cutthroat Trout: Consequences for management](#)

11:40 **AWARDS LUNCHEON**

### Global perspectives, special regulations, and wild trout monitoring techniques, Moderator: Jenn Vincent

- 1:00 Predrag Simonovic [Is the energy from run-of-river hydropower plants renewable if it threatens indigenous fish communities in montane stream ecosystems in Serbia? A long-pole mechanism of questioning](#)
- 1:20 Yoichiro Kanno [Small giants: Tributaries rescue Japanese native salmonid meta-populations from habitat fragmentation](#)
- 1:40 Kevin Meyer [Effects of elevated water temperatures on trout angler catch rates and catch-and-release mortality](#)
- 2:00 Jason Detar [Evaluation of a new harvest slot limit regulation for wild Brown Trout in Penns Creek: Merging science and politics to meet social preferences and biological objectives](#)
- 2:20 Craig Purchase [The undiscovered contraception: Does post-ejaculatory cryptic female choice reduce hybridization in salmonids?](#)
- 2:40 **FREE TIME ON YOUR OWN**
- 7:00 **DINNER**

**Friday, September 30, 2022**

**Brook trout research and management across the species' historic and introduced range**

Moderator: Shannon White

- 8:00 Michael Siepker [Brook Trout management in the Iowa driftless regions](#)
- 8:20 Caleb Schnitzler [Advancing Brook Trout restoration in Iowa using a multi-faceted approach](#)
- 8:40 Audrey Harris [Gene flow and spatial population structure of Brook Trout in a large headwater stream network in Colorado](#)
- 9:00 Jennifer Vincent [The use of MYY fish to eradicate non-native Brook Trout populations in Idaho](#)
- 9:20 Emma Lundberg [Seasonal Brook Trout movement in Marinette County, northeast Wisconsin](#)
- 9:40 **BREAK**

**Brook trout research and management (continued), and wild trout population monitoring techniques** Moderator: Rob Van Kirk

- 10:00 Brad Fink [Addition of eDNA sampling to stream inventories improves Brook Trout management in Virginia](#)
- 10:20 Jeff Baldock [Redd superimposition mediates the accuracy, precision, and significance of redd counts for Cutthroat Trout](#)
- 10:40 Gabe Madel [Life history strategies and movement patterns of anadromous Coastal Cutthroat Trout in south Puget Sound](#)
- 11:00 Riley Freeman [Environmental predictors of spawn timing of Coastal Cutthroat Trout in south Puget Sound](#)
- 11:20 Toby Harbison [Description of post-spawn movements of anadromous \*O. mykiss\* in a coastal stream of Washington state using acoustic telemetry](#)
- 11:40 **Closing remarks:** Robert Gresswell
- 12:00 **ADJOURN**
- 12:15 **WORKING LUNCH:** Symposium organizing committee debrief and initial planning for WTIV