

Interior Fraser Steelhead

Discussion

April 4, 2023

Can be Organized into 4 Groupings



Themes by the 4 Groupings

Group	Life Stage / Government	Threat or Category	Action or Deliverable
Stewardship	Egg/Larvae	Habitat - Critical	Determine Designation Options to protect egg beds
Restore, Recover, Protect	Migration	Bycatch	Ghostnet Management
Restore, Recover, Protect	Migration	Habitat	IFS Fish Passage Remediation
Restore, Recover, Protect	Migration	Predation	Lower Fraser Pinniped Study
Restore, Recover, Protect	Migration	Bycatch	Recreational fishing closures
Restore, Recover, Protect	Migration	Compliance & Enforcement	Fisheries Guardian programs and partnerships
Fisheries & Human Benefits	Migration	Compliance & Enforcement	Enhanced Enforcement on rec fisheries
Stewardship	Freshwater Overwintering	Habitat - Critical	Build a collaboration that works for Cooks Ferry
Stewardship	Spawning	Knowledge/Science	Estimate spawning return run sizes based on spawning ground surveys.
Stewardship	Spawning	Monitoring	BC-TNG Monitoring Partnership
Stewardship	All Life Stages	Habitat	Cumulative Effects Analysis, Watershed Status Evaluation
Stewardship	All Life Stages	Habitat - Critical	Environmental Flow Needs
Stewardship	All Life Stages	Monitoring	Evaluating the effectiveness of FRPA
Stewardship	All Life Stages	Habitat	Build Cattlemen's Rangeland-Riparian interface program
Stewardship	All Life Stages	Habitat - Critical	Disaster Response - Prioritize IFS habitat
Governance	BC	BC Provincial Policy	Flood Emergency Response and Recovery
Governance	BC	BC Provincial Policy	BC-FN Water Table
Governance	BC	BC Provincial Policy	Launch Watershed Security Strategy
Governance	BC-FN	Co-design and Collaborate	Complete homework and re-engage
Governance	BC-FN	Co-design and Collaborate	Support Indigenous led habitat work within traditional territories
Governance	International	Negotiations	Prep for Pacific Salmon Treaty
Governance	BC	BC Regulatory Framework	Wildlife Act Ammendments
Governance	BC	BC Regulatory Framework	Fisheries Sensitive Watershed Updated Policy
Governance	BC	BC Regulatory Framework	Strengthen Riparian Areas Regulation
Governance	BC-Fed	SARA Process	BC-DFO Agreement on Public Science



Fix It – Recovery, Restoration, Protection

Action Area	What's Been Done	What is Underway	What's Next
Fish Passage Remediation	- Bonaparte Fishway	- Post Flood – Migration Channels - Wildfire Recovery – Fish Passage	- A new Program to remediate all blockages
Natural Disasters	- Increase monitoring by River Forecast Center	- New 3G Response Teams	- Watershed – hydrological recovery
Watershed Health	- 'Minimize harms'	- Economic Tree Planting	- Heal the River Pilot - Nature-based replanting





Keep It – Improving Sustainable Management

Action Area	What's Been Done	What is Underway	What's Next
Regulation Improvements	- FREP Evidence for fish Habitat	- FRPA Update	- Water/Fish Objectives - WSA
Designations	- Slow implementation of Fisheries Sensitive Watershed (FSW)	- Revamp FSW Process	- Achieve FSW level protections for all industrial development (WSS?)

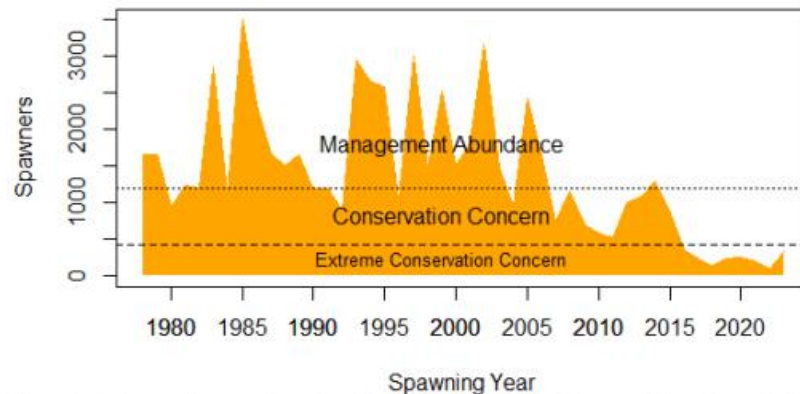


Figure 1. Estimated spawning abundance of Thompson River steelhead in relation to conservation reference points.

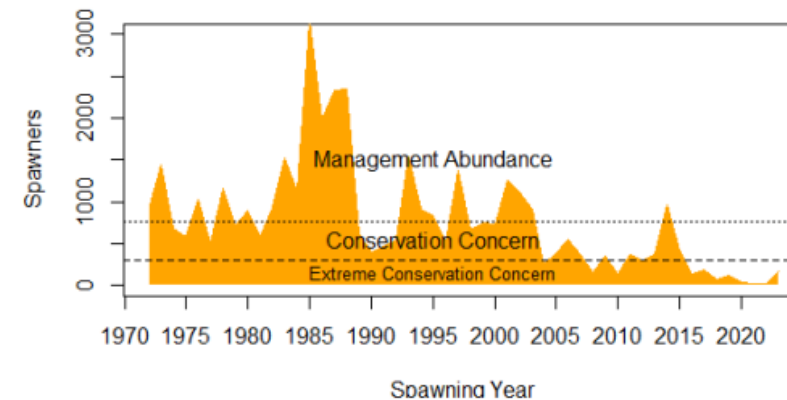


Figure 2. Estimated spawning abundance of Chilcotin River steelhead in relation to conservation reference points.

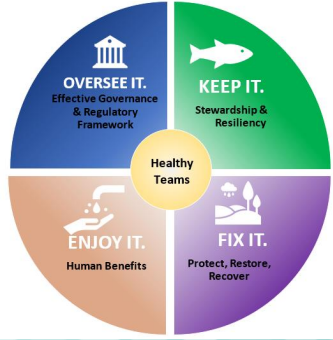


Enjoy It – Human Benefits

Action Area	What's Been Done	What is Underway	What's Next
Salmon Fishing	<ul style="list-style-type: none"> - Closure windows - Conservation measures (release) 	<ul style="list-style-type: none"> - FN – re-establish methods (traps, weirs) 	<ul style="list-style-type: none"> - Improve balance between conservation, FN Rights, Other uses/users
IFS Harvest	<ul style="list-style-type: none"> - Applied freshwater closures along entire migration route 	<ul style="list-style-type: none"> - New 3G Response Teams - Steelhead/Salmon lens in recovery. 	<ul style="list-style-type: none"> - Develop a plan for: once conservation targets met, enable FN FSC+. Then others.
Intrinsic Enjoyment	<ul style="list-style-type: none"> - Protect what is left 	<ul style="list-style-type: none"> - Start recovering populations: tourism, Wilderness sense of place 	<ul style="list-style-type: none"> - ?



Salmon swept off course by B.C. floods rescued by Sumas First Nation members, volunteers - The Globe and Mail



Oversee It – Governance, Regulatory, Policy

Action Area	What's Been Done	What is Underway	What's Next
Resourcing	- BCSRIF	- \$100m Watershed Security Fund	- Comprehensive Action Plan drives Funding
BC-DFO	- Annual IFMP	- PSSI ; Salmon Lens	- Comprehensive Action Plan with Performance Measures
International Waters	- Ocean Research- Pan-Pacific Winter High Seas Expedition	- Preparing for Pacific Salmon Treaty Renegotiations – Include Steelhead	- TBD
Indigenous Rights & Governance		- Confidential	



Habitat --- Healing the River

Habitat Recovery & Watershed Resiliency

- 'On the Ground' Priority Actions**
- Rebuild critical infrastructure and re-establish supply chains.
 - New: Protect Rights (fish), Indigenous Food Security, Cultural Protection

