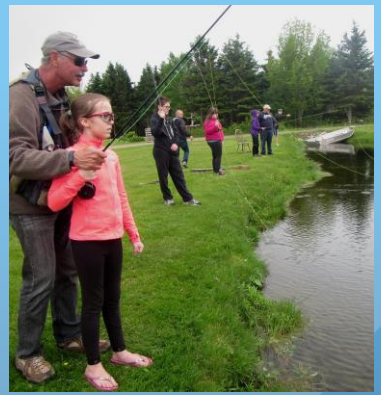
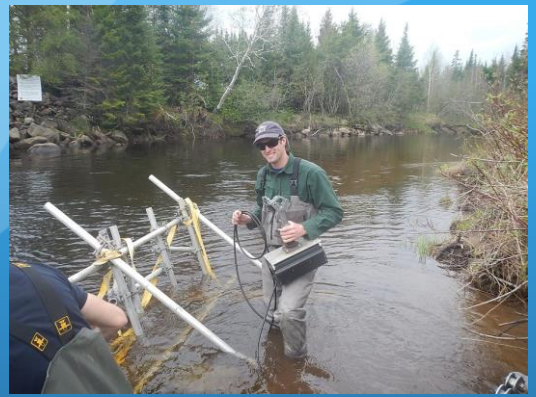




IBoF Atlantic Salmon Forum & Workshop

Introduction to ASF's Recovery Strategy

Geoff Giffin

Workshop Overview and Objectives

Introduce elements of ASF's Freshwater Recovery Strategy

- Morning - Freshwater Decision Matrix and Case Studies
- Afternoon - Guiding Principles and Case Studies

Stimulate reflection, thought and discussion

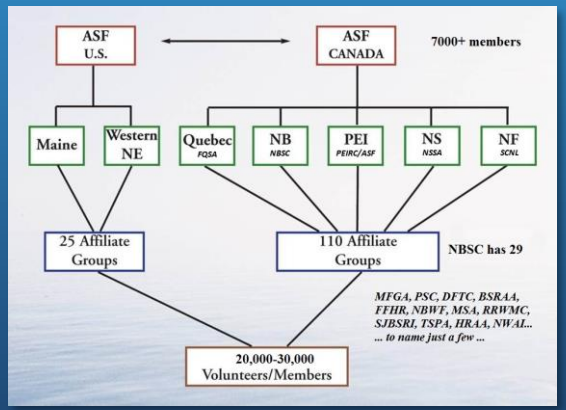
- Worksheets / information sharing

Provide practical take-aways

- Understand approach to identifying limiting factors / root cause issues
- Understand common components of effective restoration programs
- ASF – solicit input/feedback -> to improve our strategy and tools

Who is ASF?

We are an international non-profit organization dedicated to the conservation, protection and restoration of wild Atlantic salmon and the ecosystems on which their well being and survival depends.



Threats weighing on Wild Atlantic Salmon

Predators | Dams/Culverts | Habitat Loss | Acidification | Harvest

Invasive Species | Deforestation | Siltation | Climate Change

Limited Resources | Aquaculture | Marine Mortality

Public Interest | Political Will

ASF's Approach to Addressing Threats

Research - Seek to address marine survival issues

Advocate for strong regulations and policies

Support local freshwater restoration programs

Educate anglers, guides, youth - best practices

Engage people to support and participate in the above

Importance of Freshwater Restoration

France Salmon Summit – NASCO Report 2012

- Continue investigating marine mortality
- Protect genetic diversity
- Act on a watershed scale to address root causes
- Maximize number of healthy wild salmon in freshwater

But… "What Works?"

We found out – ASF Workshop Sept.2013

Convened experts, scientists and stakeholders

- 102 participants from 5 countries
- 28 oral presentations, 7 posters

Topics included

- Habitat recovery initiatives
- Dams and Fish passage
- Water quality initiatives
- Supportive rearing / stocking strategies

Outcomes – Freshwater Strategy

Freshwater Analysis & Decision Matrix

- To assist with identifying root cause issues limiting production

Supportive Rearing/Stocking Guidance

- Considerations on when and if – address root cause issues first
- Consult with experts on feasibility and risks
- Maximize wild exposure (e.g. captive rearing of wild smolts)

Guiding Principles

- Common across effective restoration programs

Detailed Proceedings & Presentations @ ASF Website

- http://www.asf.ca/2013recoveryworkshop.html

Freshwater Decision Matrix

Guiding Principles

- Think holistically
- Build a stong team
- Commit long-term
- Monitor & Evaluate
- Communicate & Engage

From this…

Predators | Dams/Culverts | Habitat Loss | Acidification | Harvest

Invasive Species | Deforestation | Siltation | Climate Change

Limited Resources | Aquaculture | Marine Mortality

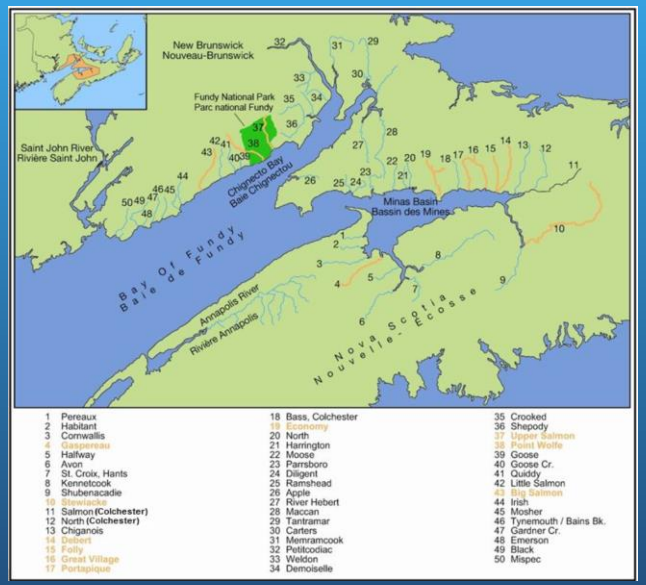
Public Interest | Political Will

… To this

	Freshwater Decision Matrix	Stocking Guidance		
Build Team	Think Holistically	Commit Long-term	Monitor & Evaluate	Communications & Outreach

Questions / Discussion

IBoF Salmon – Endangered Species



Precipitous declines early 1990's

- 40,000 adults to < 200
- Recovery Team formed

Listed under SARA 2003

- DFO Recovery Strategy (2010)
- DFO Action Plan (2016)

Other populations face potential listing

- Outer Bay of Fundy (NB)
- Southern Uplands (NS)
- Eastern Cape Breton (NS)

What Next?

Engage and Share

- *information, experiences*

Solicit Input and Feedback

- *help us build a better toolset*

Improve

Rinse & Repeat…