

Columbia Basin Collaborative Structured Decision Making Sub-Group

**April 29, 2024
1 – 3 pm PT/2 – 4 pm MT**

Welcome, Agenda Review, and Context

Meeting Guidelines

- Honor the agenda
- Listen to understand and ask questions to clarify
- Balance speaking time
- Don't pile on
- Be hard on the problems, soft on the people
- Seek alignment and common ground wherever possible
- Be present



Agenda Review

Time (PT)	Topic
1:00 – 1:15 p.m.	Welcome, Agenda Review, and Context
1:15 – 2:25 p.m.	Scenario Approach for Recommendations
2:25 – 2:45 p.m.	Determine Next Steps for SDM in the CBC
2:45 – 3:00 p.m.	Confirm Next Steps and Action Items

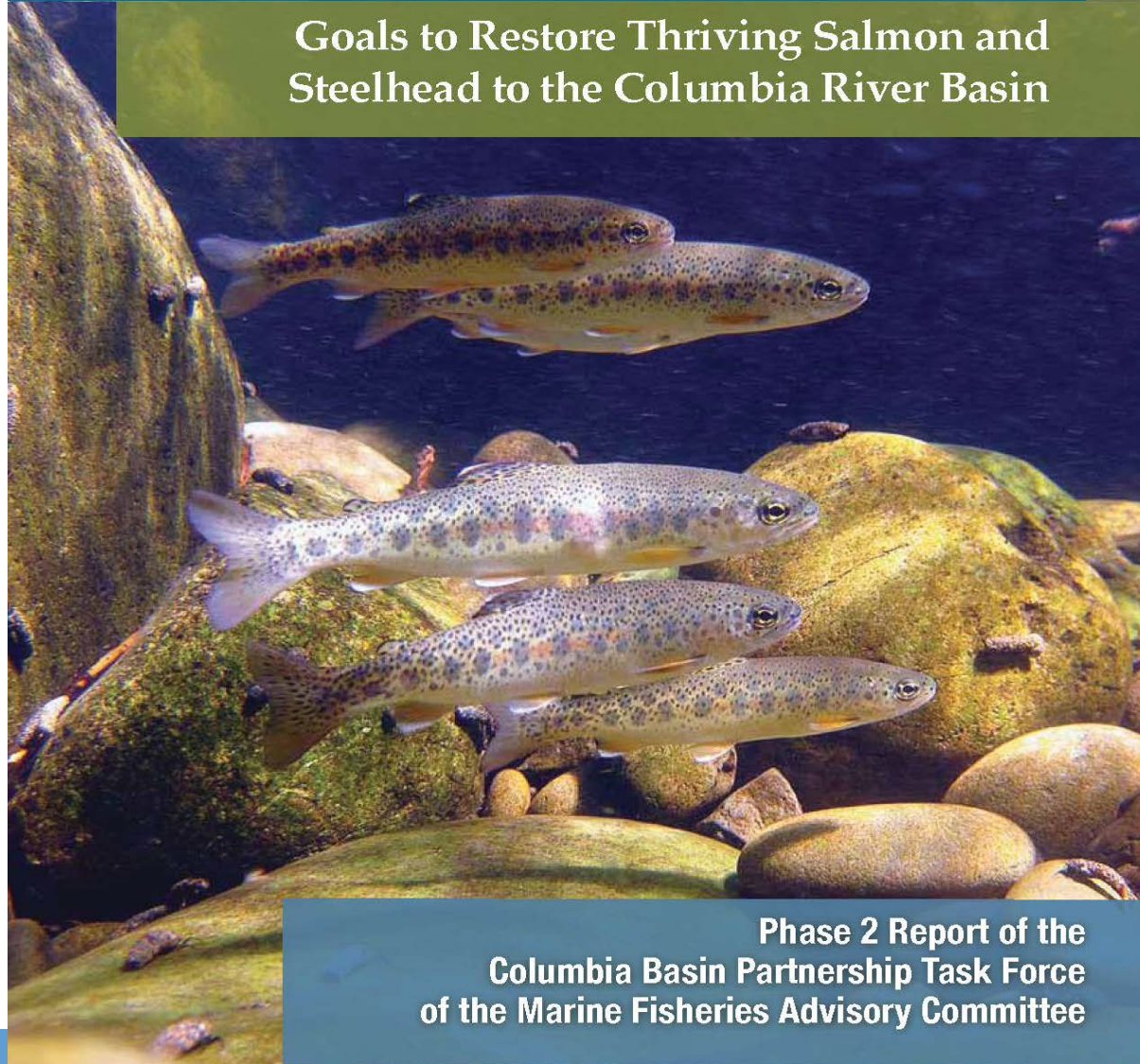
Recap of last meeting

- Reviewed prior discussions on SDM by SIWG & I/RG
- Group Discussed:
 - Benefits of SDM
 - Concerns about SDM
 - Existing tools
- Shared interest in looking at scenario scale recommendations and SDM

Scenario Approach for Recommendations

A VISION for SALMON and STEELHEAD

Goals to Restore Thriving Salmon and
Steelhead to the Columbia River Basin



Phase 2 Report of the
Columbia Basin Partnership Task Force
of the Marine Fisheries Advisory Committee

“Partnership adopted the concept of scenarios to explore alternative pathways to achieve the Goals.”

- Initial Vision – small set of scenarios with coarse-scale biological analysis and social, cultural, economic and ecological (SCEE) evaluation
- Chose to develop scenarios that represented a range of options or viewpoints
- NOTE: Chapter on Scenarios follows the section on SCEE Considerations on page 127.

Data informed scenarios:

- Limiting factors and life-cycle modeling provided context and background for the scenarios
- The scenarios were not evaluated by the models/limiting factors due to time constraints.
- Recommendation for further exploration of scenario components.
- The scenarios are useful to facilitate discussion/exploration of various viewpoints.

Scenarios provided opportunity to:

- Begin consideration of the biological strategies and levels of effort required to achieve the Goals.
- Evaluate qualitatively* the likelihood of achieving/ length of time needed to achieve the Goals.
- Explore outcomes for specific stocks and areas through discussions with regional technical experts.

**Qualitative Goals – Task Force Report, p. 30*

- Alternative themes or approaches to achieve the Goals include:
 - Implications of new funding and governing approaches.
 - Future climate change and population growth conditions.
 - Envisioning what maximum effort looks like.

Task Force definition of a Scenario:

- Combination of one or more strategies
 - *Broad approach to abundance by reducing the impact of a specific threat – limiting factor*
- Sets of assumed future conditions
- Additional components or approaches to achieve the Goals

Outcomes:

- All included scenarios demonstrate progress – some sooner than others, some with higher certainty.
- Some focused on natural production, others incorporated additional Qualitative Goals.

Potential Scenario Components:

- Critical uncertainties & research needs
- Regional variation
- Innovative approaches – experimental management
- Climate change & population growth
- Strategic choices:
 - Sequencing
 - Identification of strongholds

Scenario Development Timeline

April 2019

- Brainstorm strategies to include in the scenarios

September 2019

- Small group discussions to suggest strategic grouping and identify themes
- Partnership and Project Team used *limiting factors analysis* and *life-cycle modeling* to explore basic scenarios
- Project Team developed 3 levels of effort: baseline, moderate increase, maximum effort
- Partnership and Project Team developed a *menu of strategies* to mix and match for specific stocks, locations

January 2020

- Project Team conducted regional meetings to explore how the 3 levels of effort scenarios would affect each region

February 2020

- Baseline scenario removed, as it would not achieve the high-range goals
- Tribal Partnership members introduced the *Salmon First Scenario* inspiring others to develop scenarios

Scenarios

Scenario	Partnership and Project Team Member
All in for Salmon	Idaho Stakeholders
Total Salmon	Idaho Stakeholders
Salmon First	Zach Penney
Fish Forever	Ben Enticknap and Liz Hamilton
Stronghold-Anchored and Diversified Portfolio	Rob Masonis
Shared Sacrifices	Joe Lukas
Full Recovery Plan Implementation	Steve Manlow and Washington's Columbia Basin Recovery Organizations
Level-of-Effort	CBP and Project Team
Climate Change Scenario	Kevin Scribner

Scenario themes and strategies ranged from *step-wise* and *cautious*, to *radical* and *experimental* changes

Common Themes:

- Habitat Investments
- Hydropower Operations and Dam Breaching
- Harvest
- Predation/Invasive Species
- Reintroduction into Blocked Areas
- Hatcheries
- Public Engagement and Education
- Shared Sacrifice

- **Unique Elements**
- **Points of Difference**

Partnership Recommendations:

- Scenario approaches should inform conversations on how to move forward
- These conversations should include considering SCEE, scientific uncertainties, and exploratory analysis of the scenarios
- Scenarios should not be used as platforms for positional arguments or advocating for competing scenarios
- Scenarios should be used to promote understanding of underlying values and the range of possible approaches and outcomes as a means of moving toward agreement

Discussion Questions

- What would it look like for the CBC to develop recommendations at a scenario scale?
- What role could SDM play in scenario scale recommendations?
- Would this help us reach the CBPTF goals?

Determine Next Steps for SDM in the CBC

Discussion Questions

- What are next steps for exploring SDM in the CBC process?

Next Steps



Thank you



Photo credit: Roger Tabor