

2011 National SSC Workshop
Kingsmill Conference Center, Williamsburg, VA
Agenda

Day 1 4-Oct	Time:	Speaker/Leader
	830	Welcome and Introductions Dr. John Boreman
Plenary	845	Keynote Speaker Dr. Tony Smith
	945	Round Robin NPFMC
	1000	WPFMC
	1015	PFMC
	1030	Break
	1100	GMFMC
	1115	CFMC
	1130	SAFMC
	1145	MAFMC
	1200	NEFMC
	1215	NMFS
	1230	Lunch
	1330	Keynote Speaker Dr. Lee Anderson
	1415	Broader Context & Tradeoffs Plenary Discussion, TQ set 1
	1515	Break
	1530	IEA & Frameworks Speaker Dr. Brian Wells
	1615	Plenary Discussion, TQ set 2
	1730	Adjourn

Day 2 5-Oct BREAKOUT GROUPS

(Each topic in breakouts to have an overview talk, followed by structured discussions, trigger questions and Q&A leading to specific recommendations)

	830	Ecosystem Breakout Group
	850	OFL-ACL continuum: System MSY Talk by Pat Livingston/Martin Dorn Breakout Discussion, Eco TQ Set 1 Leader: Dave Witherell
	1030	Break
	1100	Forage Discussion Talk by Jason Link/Rick Methot
	1120	Breakout Discussion, Eco TQ Set 2 Leader: Churchill Grimes
	1200	Lunch
	1300	Breakout Discussion, Eco TQ Set 2 Leader: Churchill Grimes
	1430	Break
	1500	Goals and Objectives Talk by Bob Skillman/Selina Heppell
	1520	Breakout Discussion, Eco TQ Set 3 Leader: Sean Powers
Plenary	1630	Reconvene in Plenary, Discuss Breakouts
	1700	Adjourn
	1800	Group Dinner
	830	Social Sciences Breakout Group
	850	Role of social science in SSC Leader: Craig Severance Breakout Discussion, SS TQ Set 1 Eric Thunberg
	1030	Break
	1100	Catch shares Leader: Mark Holliday
	1120	Breakout Discussion, SS TQ Set 2 Sherry Larkin
	1200	Lunch
	1300	Procedural / Data Issues Leader: Dan Georgianna
	1320	Breakout Discussion, SS TQ Set 3 Cindy Thomson
	1430	Break

1500 Recommendations Leader: Bonnie McCay
Plenary 1630 Reconvene in Plenary, Discuss Breakouts
1700 Adjourn
1800 Group Dinner

Day 3 6-Oct 830 Continued Reporting on Breakout
Plenary 930 Revisit Day 1 Discussion
Frameworks, Broader Context, Tradeoffs
Plenary Discussion, TQ set 3
1030 Break
1100 Plenary Discussion, TQ set 3
1200 Lunch
1300 Specific Recommendations for the CCC
Plenary Discussion, TQ set 4
Consolidate summaries, consensus, notes
Assign reporting/follow up action items
1530 Adjourn
Steering Committee Meets to Wrap Up

Ecosystem TOR

1. Review each Council's SSC ecosystem-based fishery management approaches, with general overviews loosely touching on the following topics (as appropriate for each region; i.e. the "round robin", 1st day, joint with socio-economics session).
 - a. An ecosystem perspective from each SSC to provide a general overview
 - b. A socioeconomic perspective from each SSC on current practice and challenges
 - c. How each SSC interacts with their Councils in policy development
2. Evaluate how each SSC is incorporating ecosystem considerations into the full OFL-OY-ACL continuum, particularly relative to quantifying scientific uncertainty?
 - a. Evaluate how system-level OYs could be used by each SSC in this process
3. Evaluate how to account for forage species in setting ABCs/ACLs, including technical definition of "forage species"?
4. Evaluate how each SSC is helping their Councils to establish EBFM goals and objectives, cognizant of and constrained by the best available science, as looking to the future?
5. Describe what are the frameworks (procedures, standing advisory bodies, TOR, etc.) for incorporating ecosystem considerations into management
 - a. Evaluate how broader, contextual efforts inform and get utilized in the Council SSC advisory process, including items such as IEAs, CMSPs, annual state of the ecosystem reports, ecosystem status reports, and similar information? (joint with socio-economics session)
6. Evaluate how to evaluate tradeoffs across fisheries, stocks, fleets and even other ocean-use sectors (joint with socio-economics session)?
 - a. Evaluate how system-level OYs could be used by each SSC to facilitate EBFM (joint with socio-economics session).

Social Science TOR

1. Review each Council's SSC fishery management approaches, with general overviews loosely touching on the following topics (as appropriate for each region; i.e. the "round robin", 1st day, joint with ecosystem session).
 - a. An ecosystem perspective from each SSC to provide a general overview
 - b. A socioeconomic perspective from each SSC on current practice and challenges
 - c. How each SSC interacts with their Councils in policy development
2. Evaluate the role of social science analysis in SSCs generally, as well as the contributions social scientists can make as SSC members.
3. Evaluate the role of SSC social scientists in supporting Council deliberations on catch shares.
4. Explore issues regarding data and procedures for socioeconomic analysis in SSC work, e.g. peer review, terms of reference for subcommittees, etc.
5. Describe what are the frameworks (procedures, standing advisory bodies, TOR, etc.) for incorporating socioeconomic considerations into management.
6. Evaluate how to evaluate tradeoffs across fisheries, stocks, fleets and even other ocean-use sectors (joint with ecosystems session).
7. Develop recommendations for the integration of social science in SSC procedures.

TRIGGER QUESTIONS

Plenary Set 1

- i. How could system-level OYs could be used by each SSC to facilitate EBFM?
- ii. What facets of an ecosystem perspective regarding what would be needed, what's desired, and what's feasible to establish a framework for evaluating trade-offs?
- iii. How do socioeconomic factors play into OY, in principle or in practice?
- iv. How are trade-offs of all kinds (ecological, economic, social) captured in OY?
- v. How can risk analysis be used to help Council decision-making (link to ABCs)?
- vi. How do/could ecosystem assessments capture human behavior within the ecosystem?

Plenary Set 2

- i. How do broader, contextual efforts inform and get utilized in the Council SSC advisory process, including items such as IEAs, CMSPs, annual state of the ecosystem reports, ecosystem status reports, and similar information?
- ii. How to identify and use the best institutional structures, protocols and procedures for doing so?
- iii. What are the best practices in broader, resource management frameworks?

Plenary Set 3

- i. What are the best practices for frameworks to evaluate trade-offs?
- ii. What is the most important thing we need to nail down for the OFL-ACL continuum?
- iii. What is the biggest challenge facing SSCs nationwide?
- iv. Are there any lessons learned from data-rich situations that could inform data-poor situations?
- v. Are there any lessons and simpler methodologies from data-poor situations that could inform data-rich situations?

Plenary Set 4

- i. What are the main recommendations from this workshop worth passing onto the CCC?
- ii. What topics should be covered at the next National SSC Workshop?
- iii. What other planning do we need to do for the next National SSC Workshop?

Ecosystem Considerations

Ecosys Set 1

- i. How are system-level OYs calculated?
- ii. How have system-level OYs been used by SSCs?
- iii. What ecosystem considerations are being considered in the OFL-ACL continuum? Apart from predation (covered specifically later), what about the following? Protected and Endangered Species; Fisheries Sustainability; Biodiversity; Habitat; Coastal Zone Management & Nutrients; HABS; Trophic balance; Systemic Considerations; Climate Effects; Invasive Species; Toxic Deposition; Offshore Energy Systems; Navigation Routes; Relativity & Interactions Among Drivers; Cumulative Impacts; and, Systemic Resilience
- iv. How are ecosystem considerations being considered in the OFL-ACL continuum?
- v. How is uncertainty associated with such ecosystem considerations being considered?
- vi. What models, data or information is needed to begin to consider these issues more directly?

Ecosys Set 2

- i. Is there a generic basis for defining forage species?
- ii. How does each SSC evaluate forage stocks in incoming SA information?
- iii. How does each SSC evaluate forage stocks in the context of OFL-ACLs?
- iv. How does each SSC account for "adequate" food for commercial, protected, other species?
- v. What models, data or information is needed to begin to consider forage more directly?

Ecosys Set 3

- i. How are SSCs helping their Councils to establish EBFM goals and objectives?
- ii. Are there overarching principles that can be agreed upon to guide the process?
- iii. What is the best way to provide technically feasible advice statements without prescribing policy to the Council?
- iv. Are there best practices of goals and objectives that could form a standardized listing?
- v. Are there best practices of goals and objectives that have been known to work elsewhere?

Social Science

SS Set 1: General discussion of social science in SSCs

- i. What is the role of Social Science in an SSC context?
- ii. How does social science information directly inform OFL/ACL/ACT discussions?
- iii. How does social science information directly inform goals and objective setting discussions?

SS Set 2: Catch shares focus session

SS Set 3: practical and procedural issues in social science and SSCs

- i. What industry information could be useful to SSCs?
- ii. What community information could be useful to SSCs?
- iii. How best to measure such information and distill into advice for SSCs?
- iv. What data or models are needed or lacking?
- v. TORs and review of socioeconomic data/analysis
- vi. Resources to do analyses: data, models, and people