2011 National SSC Workshop
Kingsmill Conference Center, Williamsburg, VA

Agenda

Day 1  4-Oct

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker/Leader</th>
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<tbody>
<tr>
<td>830</td>
<td>Welcome and Introductions  [Dr. John Boreman]</td>
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<tr>
<td>845</td>
<td>Keynote Speaker Dr. Tony Smith</td>
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<td>945</td>
<td>Round Robin  NPFMC</td>
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<tr>
<td>1000</td>
<td>WPFMC</td>
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<tr>
<td>1015</td>
<td>PFMC</td>
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<tr>
<td>1030</td>
<td>Break</td>
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<tr>
<td>1100</td>
<td>GMFMC</td>
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<tr>
<td>1115</td>
<td>CFMC</td>
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<td>1130</td>
<td>SAFMC</td>
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<td>1145</td>
<td>MAFMC</td>
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<tr>
<td>1200</td>
<td>NEFMC</td>
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<td>1215</td>
<td>NMFS</td>
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<tr>
<td>1230</td>
<td>Lunch</td>
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<tr>
<td>1330</td>
<td>Keynote Speaker Dr. Lee Anderson</td>
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<tr>
<td>1415</td>
<td>Broader Context &amp; Tradeoffs  Plenary Discussion, TQ set 1</td>
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<tr>
<td>1515</td>
<td>Break</td>
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<tr>
<td>1530</td>
<td>IEA &amp; Frameworks Speaker Dr. Brian Wells</td>
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<tr>
<td>1615</td>
<td>Plenary Discussion, TQ set 2</td>
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<tr>
<td>1730</td>
<td>Adjourn</td>
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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)

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