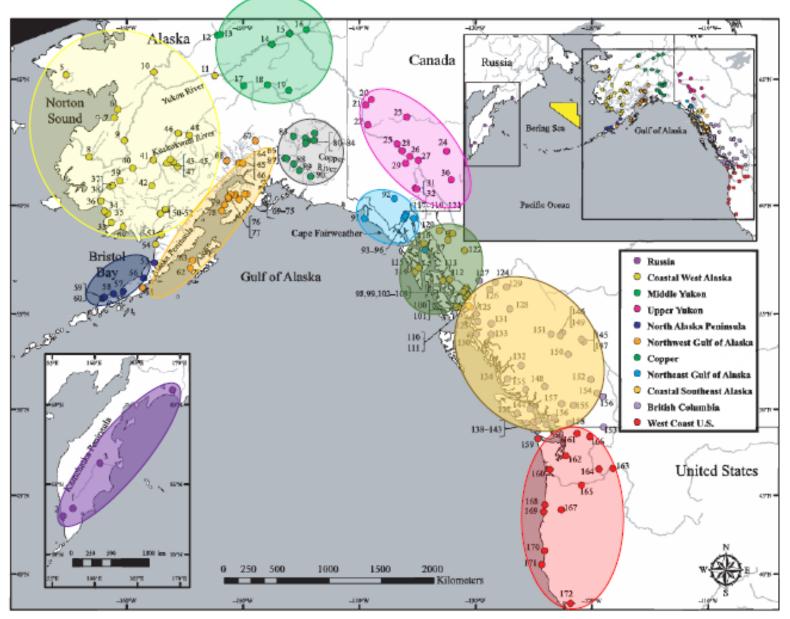
Brief Update on the Coastwide Chinook Salmon Genetic Baseline

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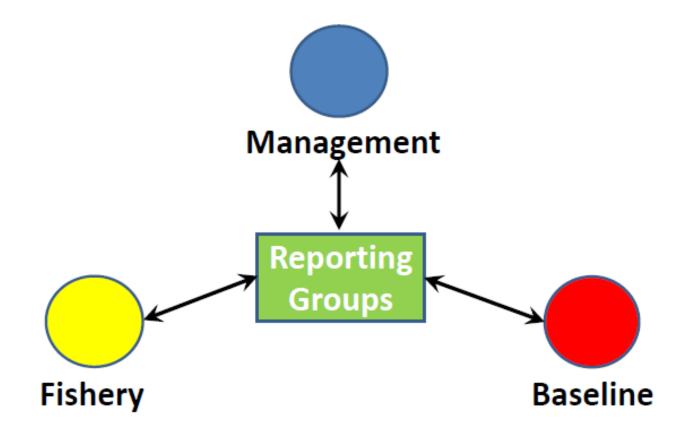


Current Chinook salmon coastwide baseline



Templin et al., 2011

Developing GSI applications requires a process involving three categories of information and one unifying concept.



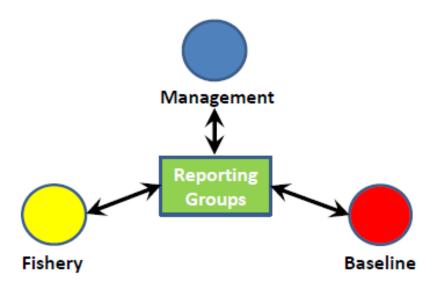
Baseline information questions for GSI

Essential questions

- 1. What populations might be encountered in the fishery?
- 2. What is the genetic structure of these populations?
- 3. How can that structure be applied for management needs?
- 4. Is representation adequate?
- 5. How accurate/precise are estimates?

Common optional questions

- 1. Is my favorite stock in the baseline?
- 2. Can individuals be assigned to a stock?
- 3. What additional information could I gain?



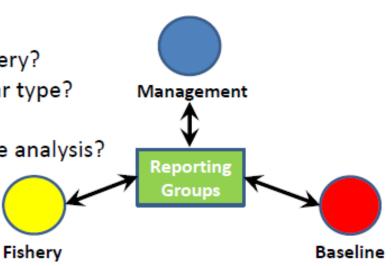
Fishery structure questions for GSI

Essential questions

- 1. What fisheries need to be monitored?
- 2. How is the fishery structured (time, space, gear)?
- 3. What parts of the fishery need separate estimates?
- 4. How accurate/precise should estimates be?

Common optional questions

- When is a stock's run time through the fishery?
- 2. Are there differences in vulnerability to gear type?
- 3. Is a specific small stock harvested?
- 4. Can I use genetic "tags" in a mark-recapture analysis?



Developing GSI applications requires a process involving three categories of information and one unifying concept.

