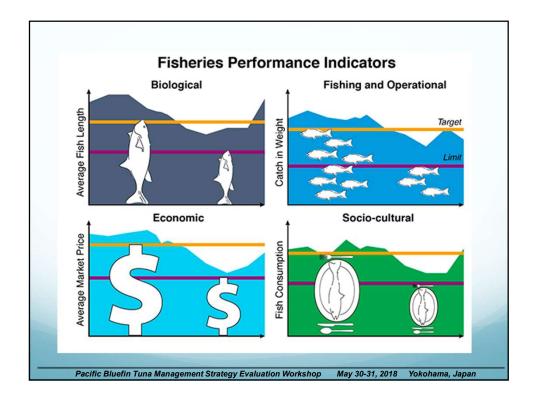
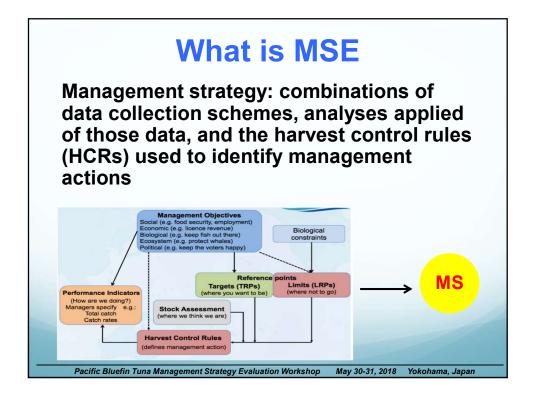
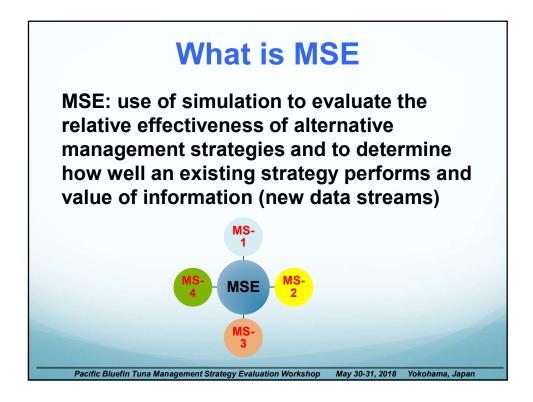
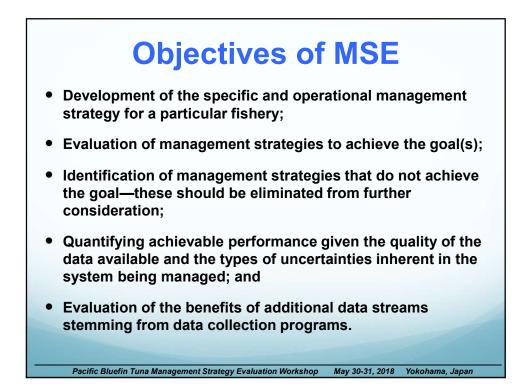


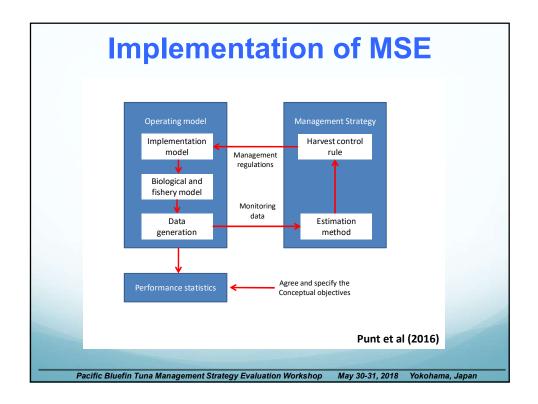
HCR type	Description	What it looks like
Constant	Allows for a constant level of fishing based on one value, regardless of stock status. The single value could be mortality (F), total allowable catch, days at sea, etc.	Catch effort P
Threshold	Fishing is allowed at a single target level until a limit is reached, at which point fishing is stopped.	City of effort to the story of
Step	Incorporates steps so higher fishing levels are permitted as the stock's status improves.	Cited / effect / E
Sliding (simple linear)	A sliding rule allows for a continuous adjustment in fishing controls. Higher fishing levels are permitted with improved stock status.	Catch / effort / F

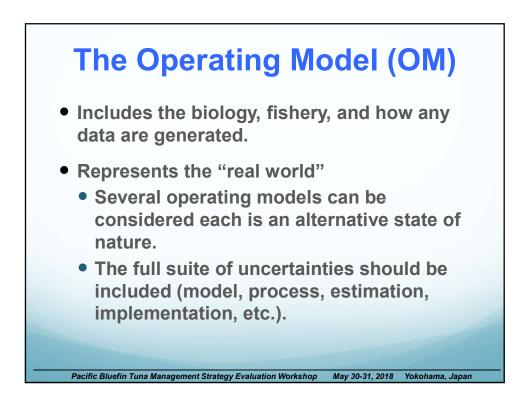








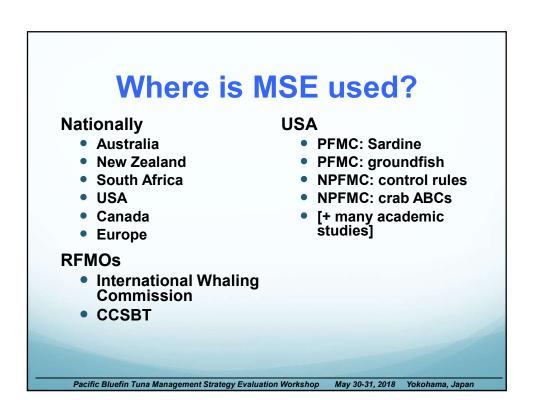


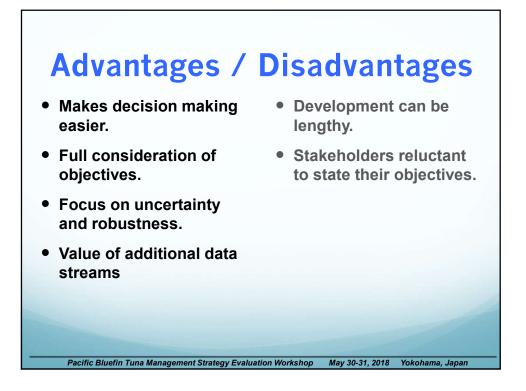




- MSE is at the interface between science and decision making
- Scientists:
 - Identify the hypotheses to represent in the operating model.
 - Represent the objectives of the decision makers quantitatively.
 - Identify factors which could be used in management strategies.
- Stakeholders / decision makers / advocates:
 - Identify management objectives
 - Identify candidate management strategies.
 - Make decisions on the final management strategy this is a (policy call not a science endeavour).

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Input from stakeholders and managers is critical to the **MSE Process**



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