



# Measuring Success in Regional Fisheries Management : A retrospective analysis of stated goals and objectives

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## Purpose of Study

The purpose of this study is to identify and compare stated goals and objectives of key federally managed fisheries in the US with a particular focus on social and economic goals. While biological goals are often well defined, social goals lack clarity. Clarifying social goals and making them explicit can improve management outcomes and mitigate unwanted social consequences. Comparing social goals by FMP and within region also aids in identifying where goals are conflicting or complementary. Finally, a review of past goals and objectives can also elucidate how these might be improved these moving forward to more effectively link social science to a set of salient and measurable desired outcomes.

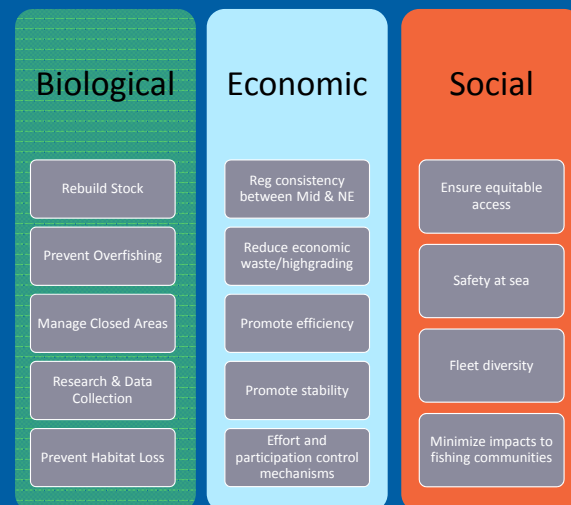
## Methods

- Fisheries management plans from each region were reviewed and a subset selected based on their regional economic and/or socio-cultural importance. This process involved discussions with regional scientists, council staff and others.
- Amendments that involved major regulatory shifts were identified.
- Stated goals and objectives of each of the selected FMP's and associated Amendments were identified and text was coded using Atlas Ti.
- Goals and objectives were coded 'binned' into 3 main categories – biological, economic and social for discussion and analysis.

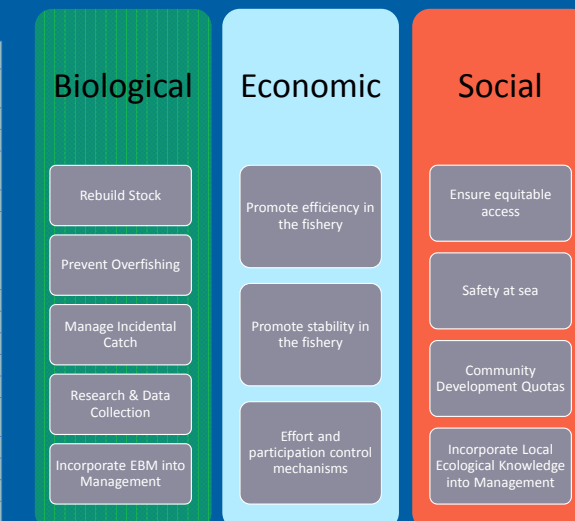
## FMP's and Amendments Included in Review

REGION	PLAN & AMENDMENTS
	Multispecies (Groundfish) 7, 10, 13, 16
New England	Scallops 4, 10, 11, 15 Herring 1
Mid Atlantic	Summer Flounder, Scup, Black Sea Bass 1,2,8,9,12,13
North Pacific	Surfclam, Ocean Quahog 8,10,11 Bering Sea Aleutian Islands Groundfish and Gulf of Alaska Groundfish Original FMP, GOA Am 15, updated Goals and Objectives 2004, and 2008
Pacific	Groundfish 4,6,13,16,20,21 Salmon 6FA, 13,15,16 Coastal Pelagic 9, 11
Western Pacific	Coastal Pelagic 8, 18
South Atlantic	Snapper/Grouper 8, 17A, 17B, 18A Coastal Migratory Pelagic 3,4, 15,17,18
Gulf of Mexico	Reef Fish 1,4,7,14, 26,29,31 Shrimp 4, 5, 7, 9, 11 Coastal Pelagic 2,7,8,9, 14,15
Caribbean	Shallow Reef Fish SFA

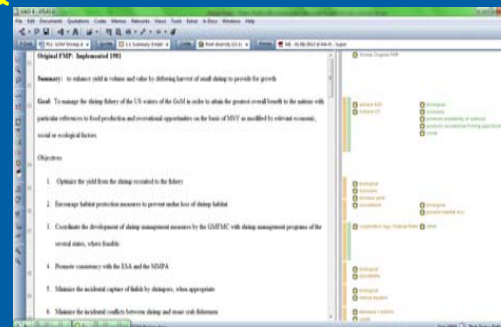
## DRAFT Output: New England – Summary of Goals and Objectives - Herring, Groundfish & Scallop



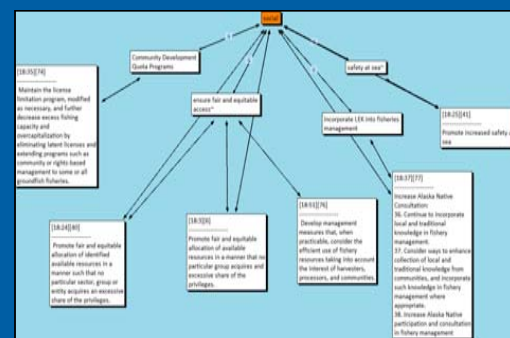
## DRAFT Output: Alaska Groundfish– Summary of Goals and Objectives - BSAI and GOA Groundfish



## Sample of coding process – Gulf of Mexico Shrimp FMP



## Network View of Social Elements from Alaska Groundfish FMPs



## Next Steps: We need your input!

- How are goals and objectives defined in your region?
- Were the appropriate FMPs/Amendments selected from your region?
- Do you think this information is helpful in informing your work? How could it be more so?
- Who else from your region should we talk to?