### Draft Vision Blueprint Goal & Objective Identification: Sector Summary Comparison

Below is a summary of solutions proposed by each sector during the 2014 port meetings. The table also shows (last column) where each solution is currently addressed in the draft Vision Blueprint strategic goal documents (Goal, Objective, Strategy, and Actions). The purpose of this table is to document how the Council is addressing the proposed solutions and input from stakeholders when crafting the draft Vision Blueprint.

### Commercial

COMMERCIAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Data Collection/Science/Reporting	Require electronic reporting/logbooks & streamline reporting (less duplication of reporting to state and federal)	Sci, Obj 1, Strat 1.2, Act A & B Sci, Obj 4, Strat 4.2, Act B
Data Collection/Science/Reporting	Test new technology for collecting data (mobile and web-based)	Mgmt, Obj 4, Strat 4.2, Act D
Data Collection/Science/Reporting	Prioritize stock assessments regionally and by economic importance	Needs to be considered
Data Collection/Science/Reporting	Train dealers on new weekly reporting requirements and forms	Comm, Obj 3, Strat 3.2, Act B & C
Data Collection/Science/Reporting	Increase cooperative research opportunities with commercial sector	Sci, Obj 2, Strat 2.1, Act A, B, D,E, F
Data Collection/Science/Reporting	Allow for 3 <sup>rd</sup> party review of stock assessments & aim for real time assessments	Sci, Obj 1, Strat 1.1, Act F
Data Collection/Science/Reporting	Develop methods to collect and incorporate anecdotal information from fishermen in stock assessments and analyses to be used in management	Sci, Obj 2, Strat 2.2, Act B
Data Collection/Science/Reporting	More funding for more stock assessments and data collection programs	Sci, Obj 1, Strat 1.3, Act A Sci, Obj 2, Strat 2.1, Act A & E
Data Collection/Science/Reporting	Use underwater cameras on vessels to collect data on fish/fishing activity	Sci, Obj 2, Strat 2.2, Act B Sci, Obj 5, Strat 5.3, Act B & E
Data Collection/Science/Reporting	Address shifts in abundance due to climate change	Sci, Obj 5, Strat 5.2, Act A-D
Reducing Discards/Minimizing Waste	<ul> <li>Develop a bycatch allowance (species specific for different states)</li> <li>Limit/quota per trip/per boat</li> <li>Consider pounds or % of catch</li> <li>Look at black grouper in S. FL, other states consider red snapper, gag, black sea bass</li> </ul>	Mgmt, Obj 4, Strat 4.5, Act A & B
Reducing Discards/Minimizing Waste	Consider the use of descending devices and use in management	Mgmt, Obj 4, Strat 4.4, Act A
Reducing Discards/Minimizing Waste	Give credits towards the Annual Catch Limit for the use of descending devices	Mgmt, Obj 2, Strat 2.4
Reducing Discards/Minimizing Waste	Align seasons to reduce bycatch	Mgmt, Obj 4, Strat 4.1, Act B

Commercial continued

COMMERCIAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s),
		Strategy(ies), Action(s)
Reducing	No size limits and full retention	Mgmt, Obj 4, Strat 4.2, Act C
Discards/Minimizing Waste		Mgmt, Obj 4, Strat 4.3, Act B
Reducing	Implement a 12-inch minimum size limit on red	Needs to be considered
Discards/Minimizing Waste	porgy	
Reducing	Utilize step-down trip limits and split seasons for	Mgmt, Obj 2, Strat 2.1, Act A
Discards/Minimizing Waste	more snapper grouper species	Mgmt, Obj 2, Strat 2.3, Act C
Reducing	Collaborate with the states and develop best	Comm, Obj 3, Strat 3.1, Act A
Discards/Minimizing Waste	management practices training for fishing - fish	
	handling training	
Flexibility, Availability &	Address seasonal spawning closure for shallow-	Mgmt, Obj 1, Strat 1.3, Act A-E
Access to Fishing – ACLs,	water grouper:	Mgmt, Obj 2, Strat 2.3, Act E
Closures, Market	Consider rolling spawning closures	
	(close fishing when fish are actually	
	spawning in each state or smaller sub-	
	region)	
	• FL – close gag January and February only	
	in southern FL; Open gag and red	
	snapper in January and February in	
	northern FL; close red and scamp in	
	March and April only	
	Shorten the closure to a 2-month	
	closure that aligns with spawning in	
	specific areas; let the states choose the	
	months.	
Flexibility, Availability &	Consistent seafood supply; Develop	Mgmt, Obj 3, Strat 3.1, Act A & C
Access to Fishing – ACLs,	management measures that allow availability of	
Closures, Market	3-5 snapper grouper species for	
	chefs/restaurants.	
Flexibility, Availability &	Address latent commercial effort in the fishery	Mgmt, Obj 2, Strat 2.2, Act C, D, E
Access to Fishing – ACLs,	to determine true capacity of the fishery.	
Closures, Market		
Flexibility, Availability &	Address and consider the value of owner-	Needs to be considered
Access to Fishing – ACLs, Closures, Market	operators when making management decisions.	
Closures, Market	Addross mathods and aligibility requirements	Mamt Ohi 2 Strat 2.2 Act C 9 5
Flexibility, Availability & Access to Fishing – <i>ACLs,</i>	Address methods and eligibility requirements	Mgmt, Obj 2, Strat 2.2, Act C & E
•	for allowing new entrants to the fishery; specifically the endorsement programs for black	
Closures, Market	sea bass and golden tilefish; no new	
	endorsement programs	
Flexibility, Availability &	Conflicting views – majority of stakeholders	Mgmt, Obj 1, Strat 1.1, Act A & B
Access to Fishing – ACLs,	opposing catch shares; minority of stakeholders	
Closures, Market	supporting catch shares	
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COMMERCIAL SECTOR

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regions of the fishery	Regional Management		Mgmt, Obi 1, Strat 1 3, Act B, C, D
<b>Regional Management</b>   State by state approaches to quota   Mgmt. Obi 1. Strat 1.3. Act B. C. D	Regional Management	State by state approaches to quota	Mgmt, Obj 1, Strat 1.3, Act B, C, D
management, trip limits and seasons.			
Regional ManagementDevelop separate joint agreements betweenNeeds to be considered	Regional Management		Needs to be considered
federal and state management agencies for			
regional management.		<b>o o</b>	
Habitat/Ecosystems     Consider sunset clauses on closed areas (MPAs,	Habitat/Ecosystems		
etc.)			
Habitat/Ecosystems         Monitoring and law enforcement for existing         Sci, Obj 4, Strat 4.1, Act C & D	Habitat/Ecosystems		Sci, Obj 4, Strat 4.1, Act C & D
closed areas to show they are working (MPAs)	•		
Habitat/EcosystemsConsider placement of more artificial reefMgmt, Obj 5, Strat 5.1, Act A-C	Habitat/Ecosystems		Mgmt, Obj 5, Strat 5.1, Act A-C
habitat.			
Habitat/EcosystemsNo new MPAsNeeds to be considered	Habitat/Ecosystems	No new MPAs	Needs to be considered

#### Commercial continued

COMMERCIAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Allocation	Consider more recent catch history instead of historical catch history when addressing sector allocations; this concern arose from the decline in commercial fishing activities in recent years.	Mgmt, Obj 6, Strat 6.1, Act B, C, K
Allocation	Address allocations – equity issues between sectors, for deepwater complex, gear types (golden tilefish sectors).	Mgmt, Obj 6, Strat 6.1, Act A-L

## **Private Recreational**

RECREATIONAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s),
		Strategy(ies), Action(s)
Data	Consider voluntary or mandatory reporting	Sci, Obj 4, Strat 4.2, Act A
Collection/Science/Reporting	for recreational fishermen.	
Data	Develop and test new technology for	Sci, Obj 2, Strat 2.2, Act B
Collection/Science/Reporting	collecting data (mobile and web-based)	Sci, Obj 4, Strat 4.2, Act B & C
Data	Increase cooperative research opportunities	Sci, Obj 2, Strat 2.1, Act A & D
Collection/Science/Reporting	with recreational sector	
Data	Develop methods to collect and incorporate	Sci, Obj 2, Strat 2.2, Act A & B
Collection/Science/Reporting	anecdotal information from fishermen in	
	stock assessments and analyses to be used in	
	management	
Data	More funding for more stock assessments	Sci, Obj 1, Strat 1.3, Act A & B
Collection/Science/Reporting	and data collection programs	Sci, Obj 1, Strat 2.1, Act A
Data	Use underwater cameras on vessels to	Sci, Obj 2, Strat 2.2, Act B
Collection/Science/Reporting	collect data on fish/fishing activity	
Data	Develop a recreational snapper grouper	Sci, Obj 4, Strat 4.2, Act D
Collection/Science/Reporting	stamp/permit for the recreational sector	Mgmt, Obj 2, Strat 2.2, Act A
Data	Utilize state/University generated research in	
Collection/Science/Reporting	stock assessments.	
Data	Develop incentives for accurate self-	Sci, Obj 4, Strat 4.2, Act H
Collection/Science/Reporting	reporting of catch by the recreational sector.	
Data	More funding for stock assessments and	Sci, Obj 1, Strat 1.3, Act A & B
Collection/Science/Reporting	more real time assessments	
Data	Readdress MRIP sampling design/sample	Sci, Obj 4, Strat 4.2, Act A
Collection/Science/Reporting	frame; need better methodologies	
Data	Develop joint agreements with the states for	Needs to be considered
Collection/Science/Reporting	data improvements (similar to the Joint	
	Enforcement Agreements currently in place	
	for law enforcement).	
Data	Create complex-specific permits for	Needs to be considered
Collection/Science/Reporting	recreational (and for-hire) sectors based on	
	the HMS model This would help identify	
	users fishing for snapper grouper resources	

Recreational continued

RECREATIONAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Data Collection/Science/Reporting	Add a check off box on each state license for 'offshore bottom fishing' to help identify the universe of recreational fishermen in the fishery and assist with MRIP and other data collection programs.	Needs to be considered
Data Collection/Science/Reporting	Implement a recreational tag harvest program for tracking harvest of certain species (recreational and for-hire sectors).	Sci, Obj 4, Strat 4.2, Act F Mgmt, Obj 2, Strat 2.5, Act C
Data Collection/Science/Reporting	A voluntary recreational program where GoPro cameras are used in data collection (underwater).	Sci, Obj 2, Strat 2.2, Act B
Data Collection/Science/Reporting	Develop a pool of local anglers willing to provide recreational catch data	Needs to be considered
Data Collection/Science/Reporting	Develop a training program to teach fishermen how to voluntarily collect data using standardized methods that could be used in analyses and stock assessments.	Sci, Obj 2, Strat 2.2, Act A & B
Reducing Discards/Minimizing Waste	Consider the use of descending devices and use in management	Mgmt, Obj 4, Strat 4.4, Act A
Reducing Discards/Minimizing Waste	Consider a total fish or bag limit with no size limits for specific species	Mgmt, Obj 2, Strat 2.1, Act D
Reducing Discards/Minimizing Waste	Adjust current size limits on certain species	Mgmt, Obj 4, Strat 4.3, Act A, C
Reducing Discards/Minimizing Waste	Consider full retention – set a daily poundage limit	Mgmt, Obj 4, Strat 4.3, Act B
Reducing Discards/Minimizing Waste	Develop more outreach on barotrauma	Comm, Obj 3, Strat 3.1, Act A
Reducing Discards/Minimizing Waste	Collaborate with the states and develop best management practices training for fishing - fish handling training	Comm, Obj 3, Strat 3.1, Act A
Flexibility, Availability & Access to Fishing – <i>ACLs, Closures</i>	Address spawning season closure to account for temporal/latitudinal differences in spawning activity of some species	Mgmt, Obj 1, Strat 1.3, Act A Mgmt, Obj 2, Strat 2.3, Act E
Flexibility, Availability & Access to Fishing – ACLs, Closures	Develop staggered fishing seasons for recreational sector to allow longer fishing seasons; example of two weeks on and two weeks off for fishing was given.	Mgmt, Obj 2, Strat 2.3, Act D
Flexibility, Availability & Access to Fishing – <i>ACLs, Closures</i>	Allow for in-season bag limit adjustments for the recreational sector; Allow for an increase in bag limits when it is evident that the recreational ACL for some species will not be met for the year to allow full access to the recreational ACL.	Mgmt, Obj 2, Strat 2.1, Act A
Flexibility, Availability & Access to Fishing – <i>ACLs, Closures</i>	Utilize "step-down" approach currently used in the commercial sector for a reduction in bag limits once 75% of the ACL has been met;	Mgmt, Obj 2, Strat 2.1, Act A, G

Recreational continued

<b>RECREATIONAL SECTOR</b>		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Flexibility, Availability & Access to Fishing – ACLs, Closures	Allow for an increase in bag limits when it is evident that the recreational ACL for some species will not be met for the year to allow full access to the recreational ACL.	Mgmt, Obj 2, Strat 2.1, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Consider a rolling spawning season closure (for shallow-water groupers) that accounts for when the fish are actually spawning in different areas of the region	Mgmt, Obj 2, Strat 2.3, Act E
Flexibility, Availability & Access to Fishing – ACLs, Closures	Black sea bass management – size limits and bag limits need to be readdressed.	Mgmt, Obj 4, Strat 4.3, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Increase the recreational minimum size limit for lane snapper to 10-inches.	Mgmt, Obj 4, Strat 4.3, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Increase the recreational minimum size limit for mangrove snapper (gray) to 12-inches.	Mgmt, Obj 4, Strat 4.3, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Use a slot limit for mutton snapper (no recommendation on range for slot).	Mgmt, Obj 4, Strat 4.3, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Implement a recreational bag limit of 5 fish per species across all species.	Mgmt, Obj 2, Strat 2.1, Act D
Flexibility, Availability & Access to Fishing – ACLs, Closures	Address size limit for hogfish	Mgmt, Obj 4, Strat 4.3, Act A
Flexibility, Availability & Access to Fishing – ACLs, Closures	Allow limited harvest of goliath grouper; slot limit; harvest tags through lottery system; open fishery when shallow-water groupers are closed	Needs to be considered
Flexibility, Availability & Access to Fishing – ACLs, Closures, Market	Mixed opinions on catch share programs; majority in opposition to catch shares.	Needs to be considered
Regional Management	Develop separate joint agreements between federal and state management agencies for regional management.	Mgmt, Obj 1, Strat 1.1, Act A Mgmt., Obj 1, Strat 1.3, Act B & C
Regional Management	Separate South FL and Keys into its own management zone; would be better able to handle Gulf of Mexico and South Atlantic conflicting regulations	Mgmt, Obj 1, Strat 1.1, Act A Mgmt. Obj 1, Strat 1.3, Act B & C
Regional Management	Regional quotas - Separate South FL quotas from other jurisdictions	Mgmt, Obj 1, Strat 1.1, Act A Mgmt. Obj 1, Strat 1.3, Act B & C
Regional Management	Regional stock assessments on economically important species	Needs to be considered

Recreational continued

<b>RECREATIONAL SECTOR</b>		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Regional Management	State management of the recreational fishery (SC and FL)	Mgmt, Obj 1, Strat 1.1, Act A Mgmt. Obj 1, Strat 1.3, Act B & C
Regional Management	Subdivide or "grid" a few areas by similar characteristics for management purposes	Needs to be considered
Regional Management	Use research to clearly define zone management for some species in the recreational sector; fishermen mentioned the use of genetics research to better delineate zones.	Mgmt, Obj 1, Strat 1.2, Act D
Regional Management	SC: Allow the state to manage certain species (black sea bass and red snapper) for the recreational sector.	Mgmt, Obj 1, Strat 1.1, Act A Mgmt. Obj 1, Strat 1.3, Act B & C
Habitat/Ecosystems	Creation, restoration and protection of critical habitats for snapper grouper species	Sci, Obj 5, Strat 5.1, Act A, D, E, G, H Sci, Obj 5, Strat 5.3, Act I Mgmt, Obj 5, Strat 5.1, Act A-C
Habitat/Ecosystems	Identify and protect known spawning areas.	Mgmt, Obj 5, Strat 5.4, Act A, C
Habitat/Ecosystems	Reconfigure existing Marine Protected Areas to encompass known spawning areas.; No more new MPAs	Mgmt, Obj 5, Strat 5.4, Act C
Habitat/Ecosystems	Place more artificial reef materials in federal waters where fish could spawn.	Mgmt, Obj 5, Strat 5.1, Act A-C
Allocation	Need to address sector allocations for some species	Mgmt, Obj 6, Strat 6.1
Communication	Regional stakeholder meetings with forecasting during meetings (similar to format of port meetings); Ask each stakeholder what is happening in each area at these meetings – also goes under incorporating fishermen's knowledge into data collection	Comm, Obj 1, Strat 1.3, Act K & L
Communication	Local education Public Service Announcements (where does the public go to buy local fish; educate them about seasons, what is in season locally; lionfish and invasive species)	Comm, Obj 1, Strat 1.3, Act A, K, L, M
Communication	More outreach tools available for understanding data	Comm, Obj 3, Strat 3.2, Act A-C
Communication	A moderated forum by Council staff to answer questions posed by the public	Comm, Obj 1, Strat 1.3, Act K & L
Communication	Q/A webinar, provide a forum for folks to ask questions of Council staff	Comm, Obj 3, Strat 3.2, Act C
Communication	Develop condensed information on stock assessments in layman's terms (not just what the newsletter provides)	Comm, Obj 3, Strat 3.2, Act B
Communication	1-pagers delivered to marinas on stock assessments – brief summary after an assessment	Mgmt, Obj 3, Strat 3.2, Act B

#### Recreational continued

RECREATIONAL SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Communication	Develop short segments regarding the "science" on YouTube	Comm, Obj 1, Strat 1.3, Act N
Communication	Send notification of closures to fishing clubs not just to individuals	Needs to be considered

## **For-hire**

FOR-HIRE SECTOR		
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Data	Consider voluntary or mandatory reporting	Sci, Obj 4, Strat 4.2
Collection/Science/Reporting	for the for-hire sector	
Data	Develop electronic reporting mechanisms for	Sci, Obj 4, Strat 4.2, Act B
Collection/Science/Reporting	the for-hire sector	
Data	Streamline reporting requirements for state	Needs to be considered
Collection/Science/Reporting	and federal reporting (for those states that	
	have mandatory reporting in the for-hire sector)	
Data	Increase cooperative research opportunities	Sci, Obj 2, Strat 2.1, Act A, D
Collection/Science/Reporting	with recreational sector	
Data	Develop methods to collect and incorporate	Sci, Obj 2, Strat 2.2, Act B
Collection/Science/Reporting	anecdotal information from fishermen in	
	stock assessments and analyses to be used in	
	management	
Data	More funding for more stock assessments	Sci, Obj 1, Strat 1.3, Act A
Collection/Science/Reporting	and data collection programs	Sci, Obj 2, Strat 2.1, Act A
Data	Use underwater cameras on vessels to	Sci, Obj 2, Strat 2.2, Act B
Collection/Science/Reporting	collect data on fish/fishing activity	
Data	Create complex-specific permits for the for-	Needs to be considered
Collection/Science/Reporting	hire sector based on the HMS model This	
	would help identify users fishing for snapper	
_	grouper resources	
Data	Improve recreational discard estimates	Mgmt, Obj 4, Strat 4.2, Act D
Collection/Science/Reporting	headboat vs. charter/for-hire vs. private recreational	
Data	Separate the for-hire sector from the	Needs to be considered
Collection/Science/Reporting	recreational sector; concerns over discard	
	mortality rates differing between the two	
	sectors making estimates inaccurate	
Data	Need to characterize the for-hire sector of	Mgmt, Obj 2, Strat 2.2, Act E
Collection/Science/Reporting	the fishery (and how much the fishery can sustain).	
Reducing Discards/Minimizing	Consider a "by the pound" limit, not a size	Sci, Obj 2, Strat 2.1, Act F
Waste	limit on fish	

For-Hire continued

FOR-HIRE SECTOR		
Key Issue:		Relevant Goal(s), Objective(s), Strategy(ies), Action(s)
Reducing Discards/Minimizing Waste	Test and utilize fish descending devices and other ways to reduce barotrauma	Sci, Obj 4, Strat 4.4, Act A
Reducing Discards/Minimizing Waste	management practices training for fishing - fish handling training	Comm, Obj 3, Strat 3.1m Act A
Flexibility, Availability & Acces to Fishing – ACLs, Closures, Market	Source the fishing seasons to align the seasons to maximize fishing opportunity.	Mgmt, Obj 2, Strat 2.3, Act D
Flexibility, Availability & Acces to Fishing – ACLs, Closures, Market	S Consideration of implementing a limited entry program for the for-hire sector.	Needs to be considered
Flexibility, Availability & Acces to Fishing – ACLs, Closures, Market	Mixed opinions on catch share programs; majority in opposition to catch shares.	Needs to be considered
Regional Management	State-by-state management of certain species and quotas	Mgmt, Obj 1, Strat 1.3, Act C
Regional Management	Subdivide or "grid" a few areas (within a state or between states) by similar characteristics for management purposes	Mfmt, Obj 1, Strat 1.3, Act B
Habitat	No new MPAs	
Habitat	Consider creating additional artificial reefs in federal waters	Mgmt, Obj 5, Strat 5.1, Act A-C
Allocation	Need to address sector allocations for some species	Mgmt, Obj 6, Strat 6.1, A, B, J
Communication	Develop condensed information on stock assessments in layman's terms (not what the newsletter provides) (Note: Charter folks haven't felt involved in the SEDAR process or with providing their data.)	Mgmt. Obj 2, Strat 2.1, Act E Mgmt, Obj 3, Strat 3.2, Act B & C

# **Chefs/Restaurants/Seafood Consumers**

CHEFS/RESTAURANTS/SEAFOO	D CONSUMER SECTOR	
Key Issue:	Recommended Solution:	Relevant Goal(s), Objective(s),
		Strategy(ies), Action(s)
Data	More funding to produce the science needed	Sci, Obj 1, Strat 1.3, Act A
Collection/Science/Reporting	for better and more timely stock assessments	Sci, Obj 2, Strat 2.1, Act A
Flexibility, Availability & Access	Consistent seafood supply	Mgmt, Obj 3, Strat 3.1, Act A-C
to Fishing – ACLs, Closures,		
Market		
Flexibility, Availability & Access	Develop management measures that allow	Mgmt, Obj 3, Strat 3.1, Act A & C
to Fishing – ACLs, Closures,	availability of 3-5 snapper grouper species for	
Market	chefs/restaurants; having 3-5 allows chefs	
	flexibility in their menus, purchasing practices	
	and ability to plan.	

Chefs/Restaurants/Seafood Consumers Continued

CHEFS/RESTAURANTS/SEAFOOD CONSUMER SECTOR		
Key Issue:	Recommended Solution:	
Flexibility, Availability & Access to Fishing – <i>ACLs, Closures,</i> <i>Market</i>	Need to consider trip limits and measures that will ensure reliable supply of seafood to chefs/consumers	Mgmt, Obj 3, Strat 3.1, Act A
Communication	Develop a "one-stop shop" for chefs/consumers to access region by region information on available quota, fishery openings and closures.	Needs to be considered
Communication	More representation of this sector in Council advisory panels, activities, and outreach programs	Needs to be considered

### Conservation

### Management Issues - Needs to be considered

- Prevent overfishing and rebuild overfished stocks.
- Incorporate ecosystem-based fishery management (EBFM) as an explicit fishery management plan (FMP) objective and develop ecosystem-based management goals, operational objectives and performance measures through the revised fishery ecosystem plan (FEP) for subsequent regulatory amendments.
- Require essential information to be gathered and analyzed before new fisheries or gears are authorized or existing fisheries expand into new areas.
- Explore management tools that better align recreational fishing effort with available resources.

#### Science Issues - Needs to be considered

- Build a robust data collection, catch monitoring and bycatch reporting system to support management objectives and information needs for preventing overfishing, rebuilding overfished stocks, and accounting for bycatch and discard mortality.
- Improve the Snapper-Grouper FMP's procedures for specifying and adjusting catch limits to achieve a more efficient, predictable and timely process for compiling, reviewing and transmitting best scientific information available in the catch-setting process.