

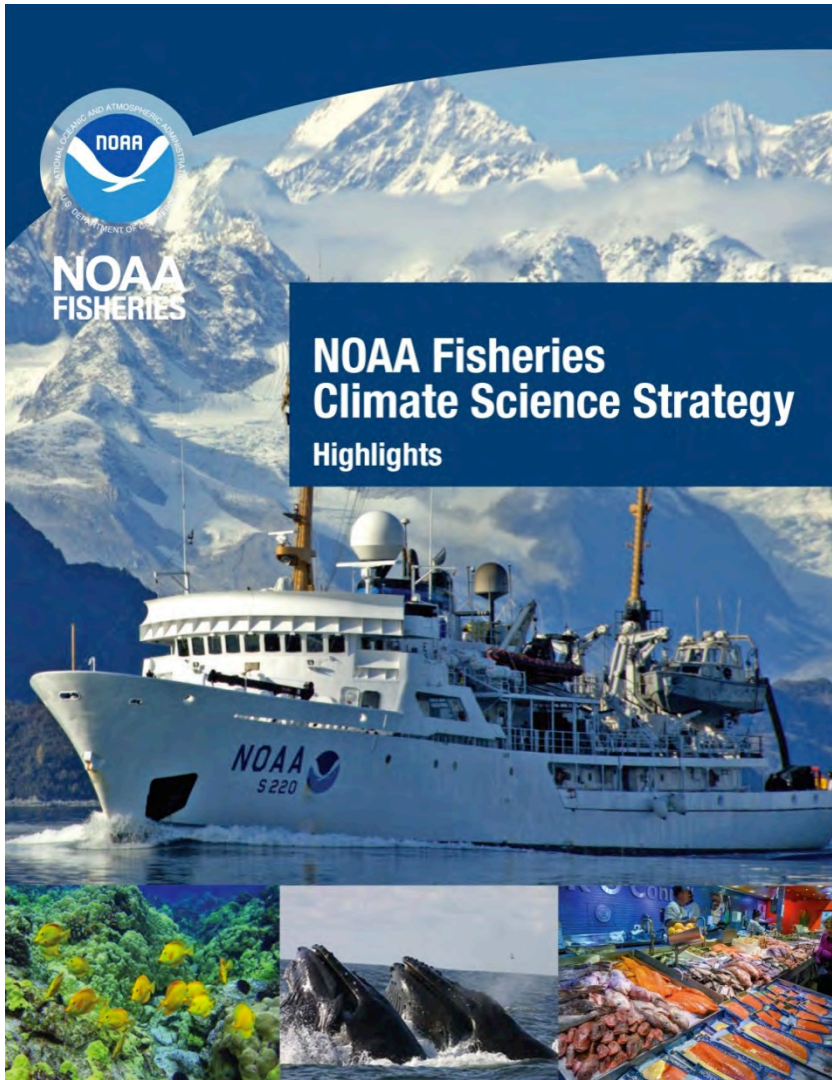
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# South Atlantic Climate Science Regional Action Plan (*DRAFT*)

SAFMC March 2017  
Jekyll Island, GA

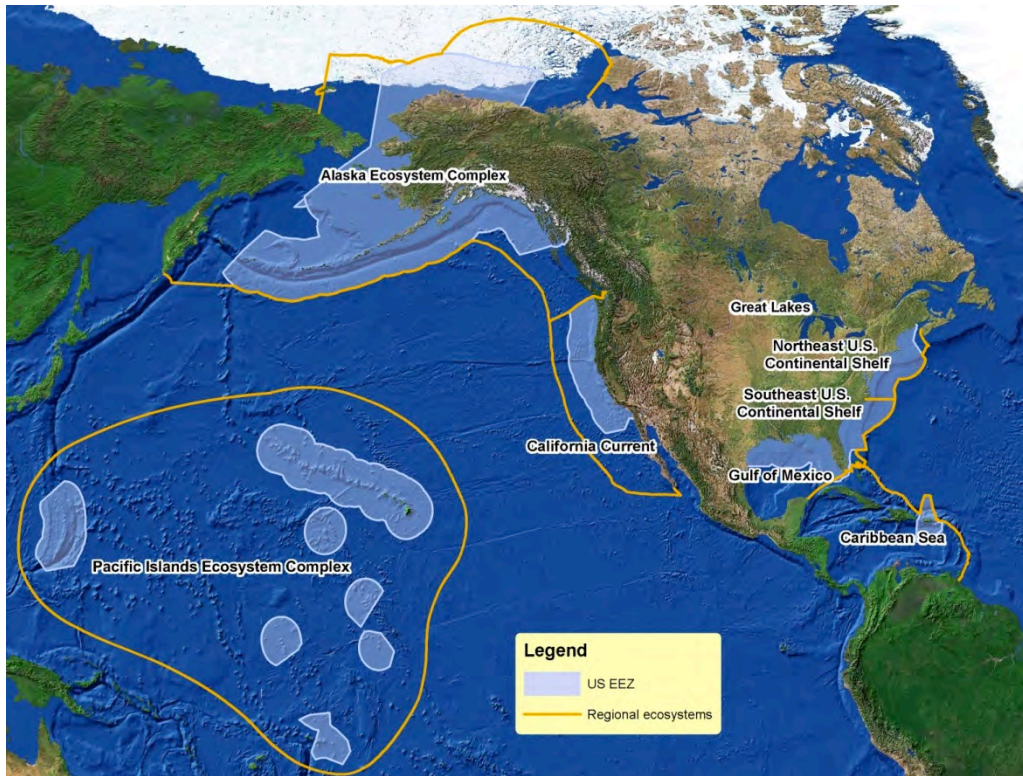


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Goal: Increase the production, delivery, and use of climate-related information in fulfilling NOAA Fisheries mandates

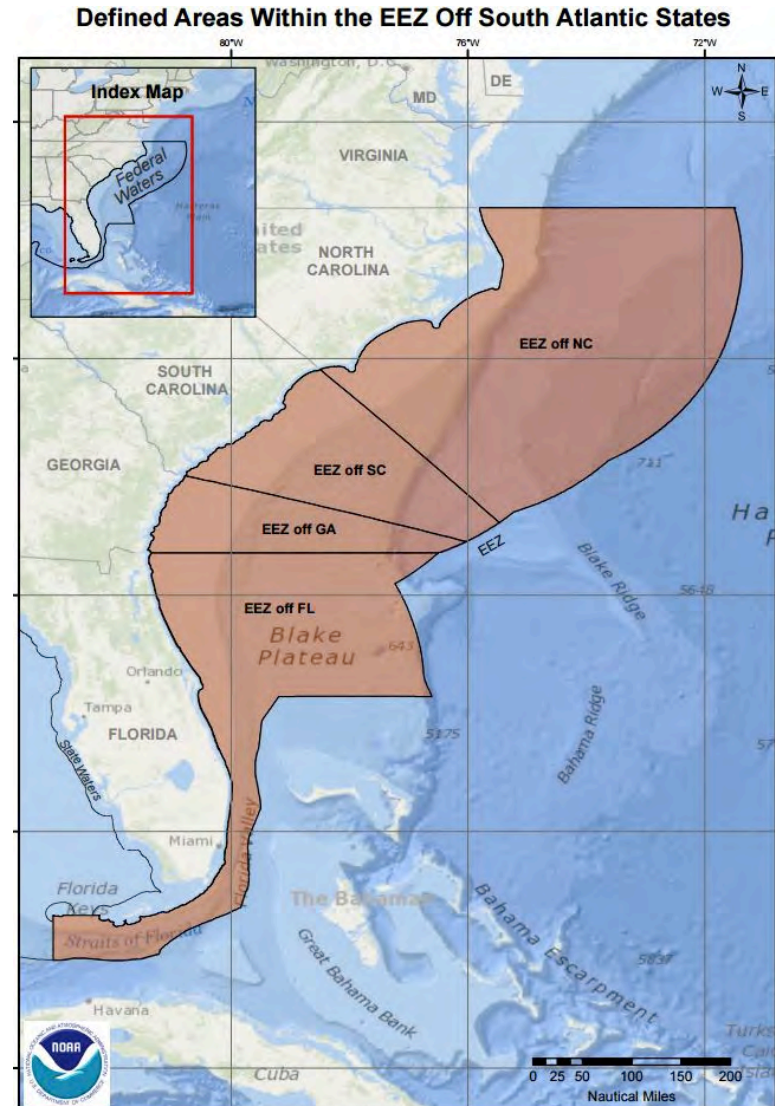
# Regional Action Plans

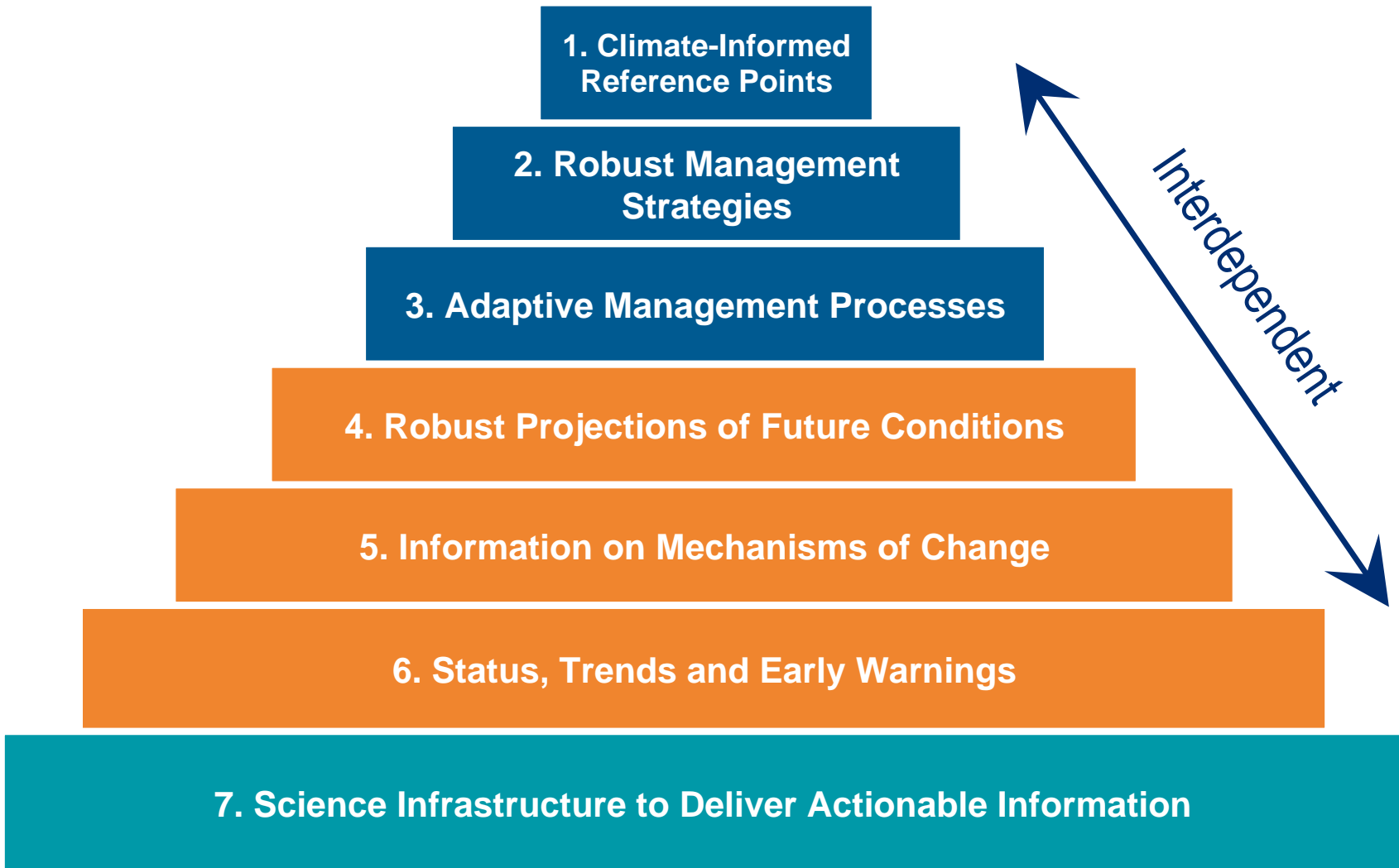


- Develop with key partners  
Councils, States, & other partners
- Customize for each region
- Inform future planning and budgeting
- Build and expand partnerships and leverage resources

# Southeast Regional Action Plan

- Seeking input on draft plan
- Action list
- Schedule, staging, priority for actions
- Identify additional partners







## 7. Science Infrastructure to Deliver Actionable Information

- Strategic planning for climate science
- Build and strengthen capacity
- Infrastructure
- Strengthen partnerships
- Citizen Science

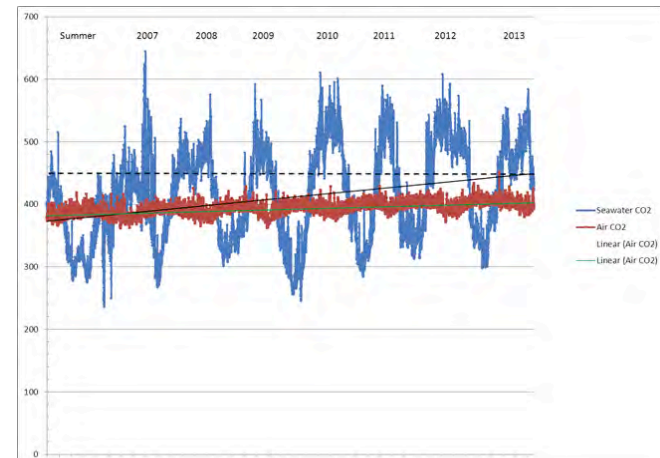
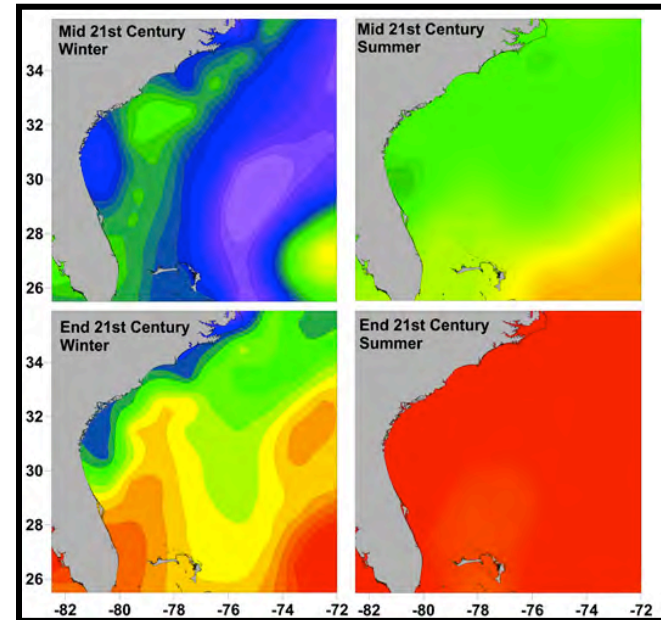


NOAA Ship *Pisces*



## 6. Status, Trends and Early Warnings

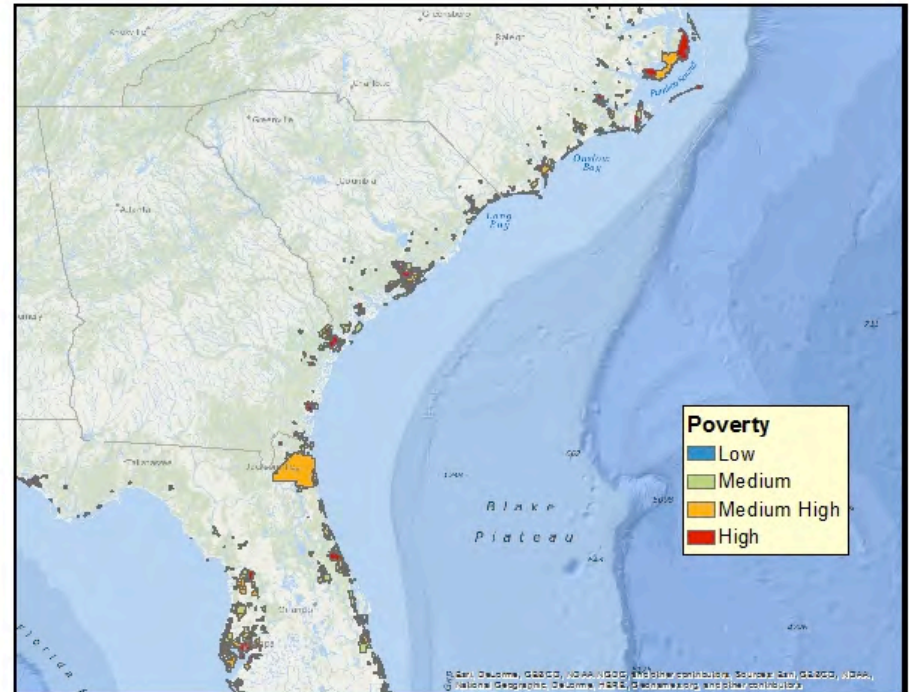
- Critical baseline data
- Ecosystem Status Report
- Early warning toolbox





## 5. Information on Mechanisms of Change

- Vulnerability Assessments
  - Priority Species
  - Community Vulnerability
- Research & Monitoring
  - Sea level rise
  - Ocean acidification
  - Coral Reefs



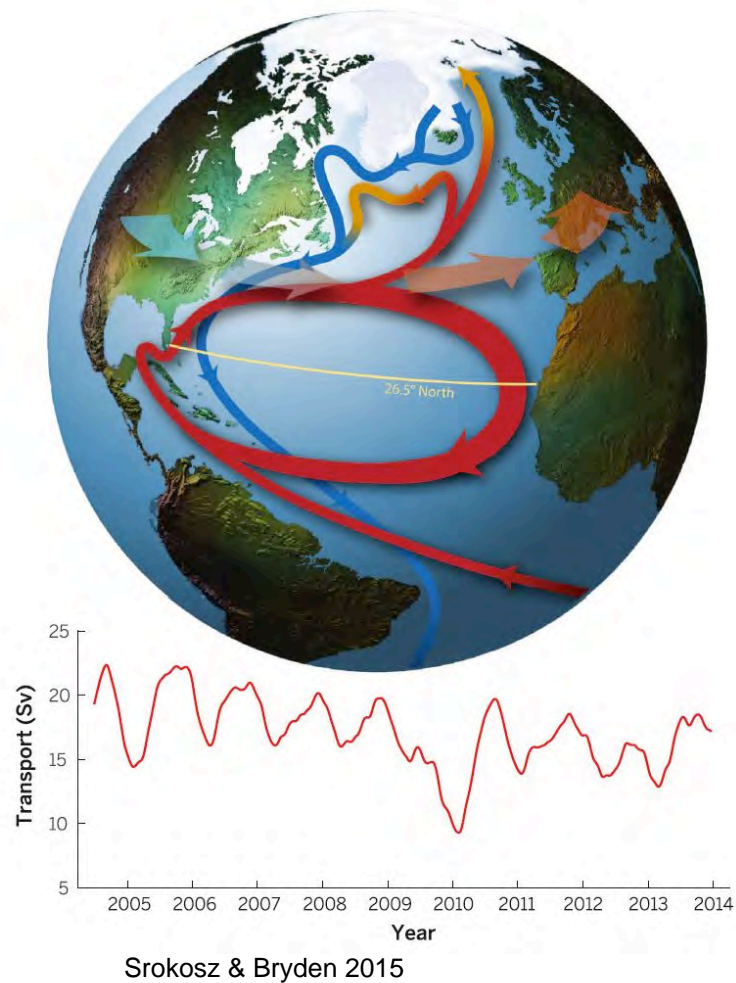




## 4. Robust Projections of Future Conditions

- Predictive Modeling
- Application of existing models
- Standard modeling toolbox


AMOC schematic and time series of AMOC strength





### 3. Adaptive Management Processes

- Quantify management tradeoffs under climate change scenarios
- Continue to include environmental covariates in stock assessments
- Strengthen dialogue, e.g., what trends are fishermen observing (Citizen Science)?

	Buffer between OFL and ACL		
	Large	Small	
Predicted future stock productivity	High	<span style="background-color: green; color: white;"> </span>	<span style="background-color: yellow; color: black;"> </span>
	Low	<span style="background-color: yellow; color: black;"> </span>	<span style="background-color: red; color: white;"> </span>

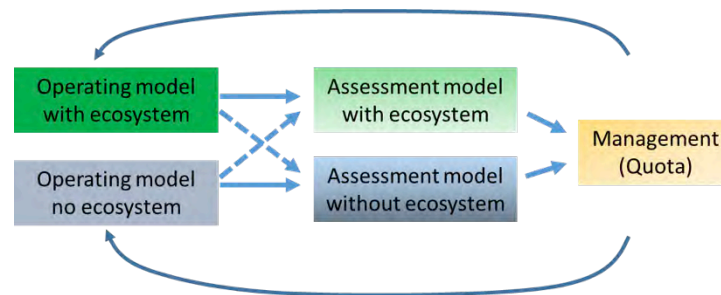
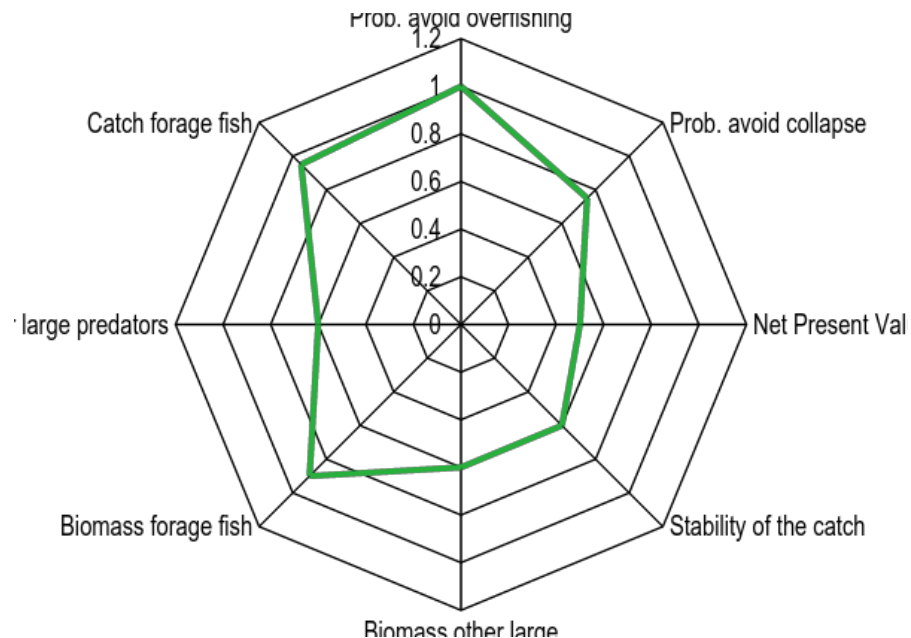


Marine Resource Education Program (Tampa, FL)



## 2. Robust Management Strategies

- Management Strategy Evaluations
- Define management objectives collaboratively
- Ecosystem Considerations Summary





# 1. Climate-Informed Reference Points



- Consider climate as we develop reference points.
- Improve ability to include climate considerations in EFH, HAPC designations
- Cross-region collaborations



# Next Steps

- Obtain input/comments on South Atlantic Regional Action Plan
- Plan revisions
- Release the final plan spring/summer, 2017



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# Acknowledgements

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