

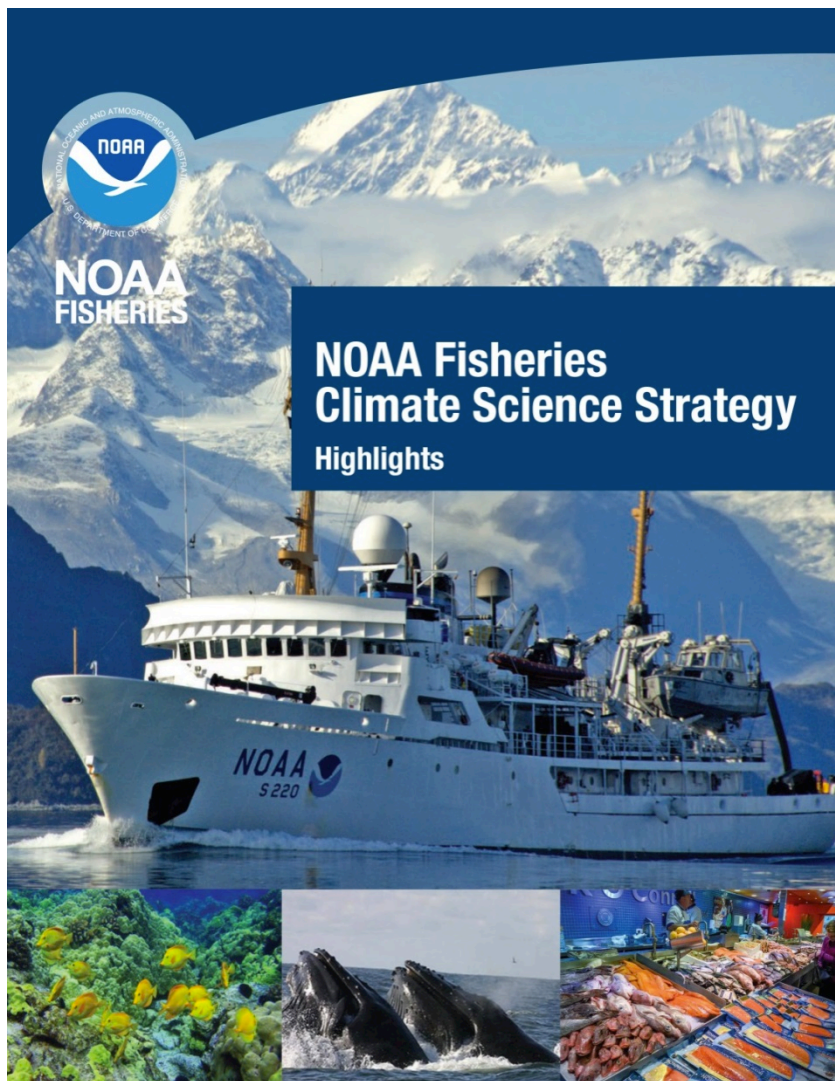
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South Atlantic Climate Science Regional Action Plan (*DRAFT*)

SAFMC March 2017
Jekyll Island, GA

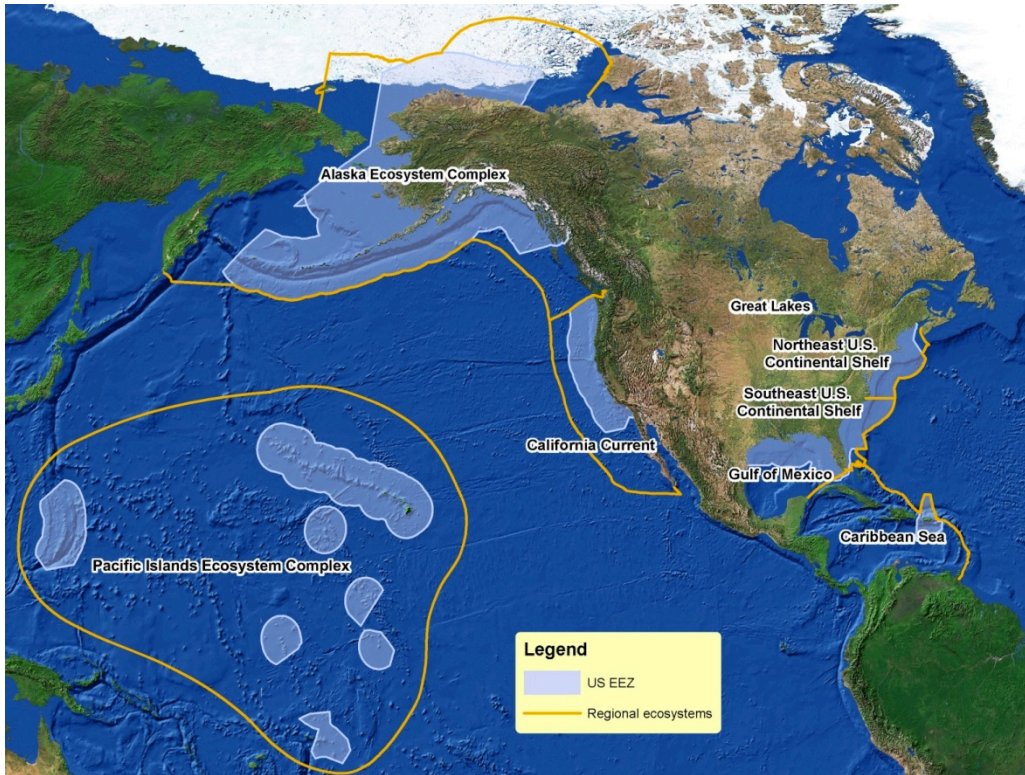


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Goal: Increase the production, delivery, and use of climate-related information in fulfilling NOAA Fisheries mandates

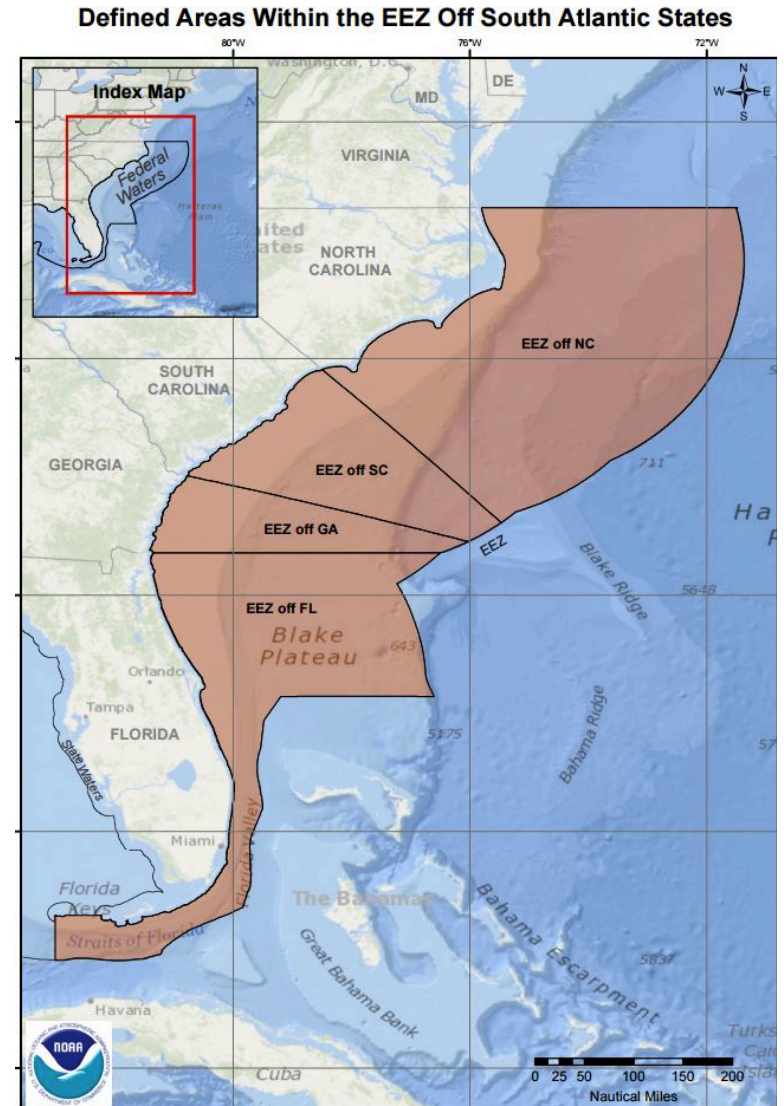
Regional Action Plans

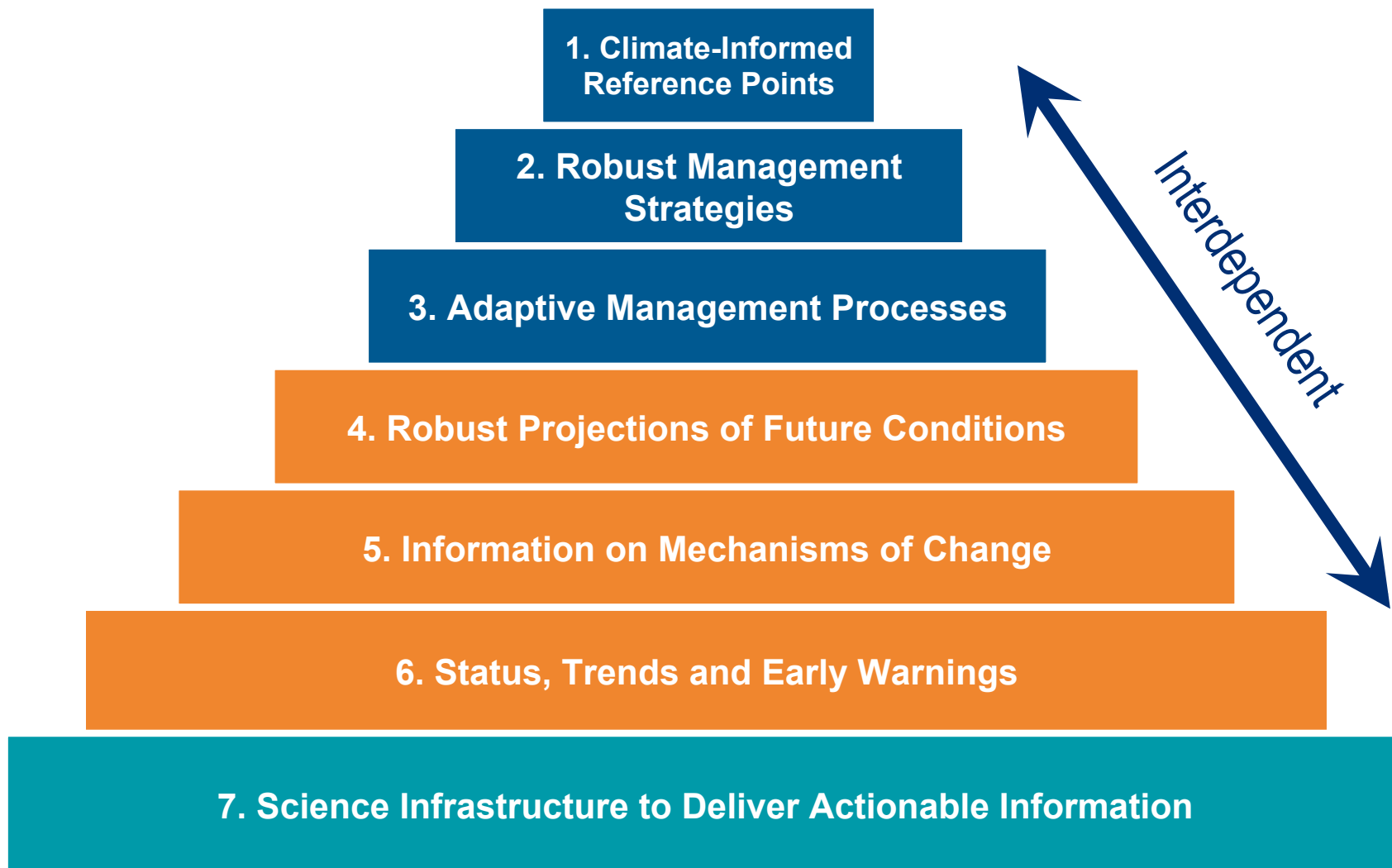


- Develop with key partners
Councils, States, & other
partners
- Customize for each region
- Inform future planning and
budgeting
- Build and expand
partnerships and leverage
resources

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

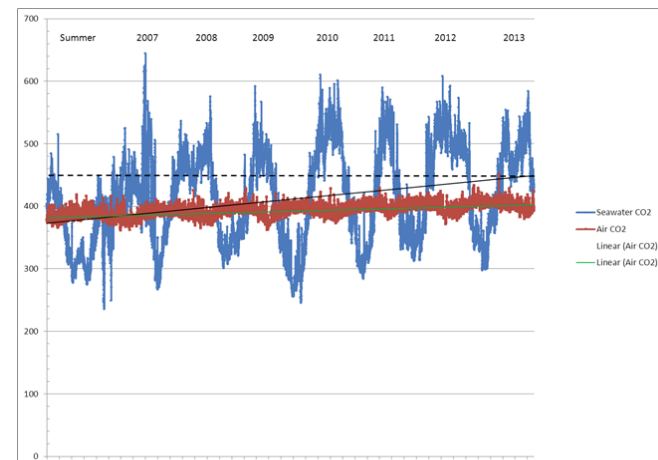
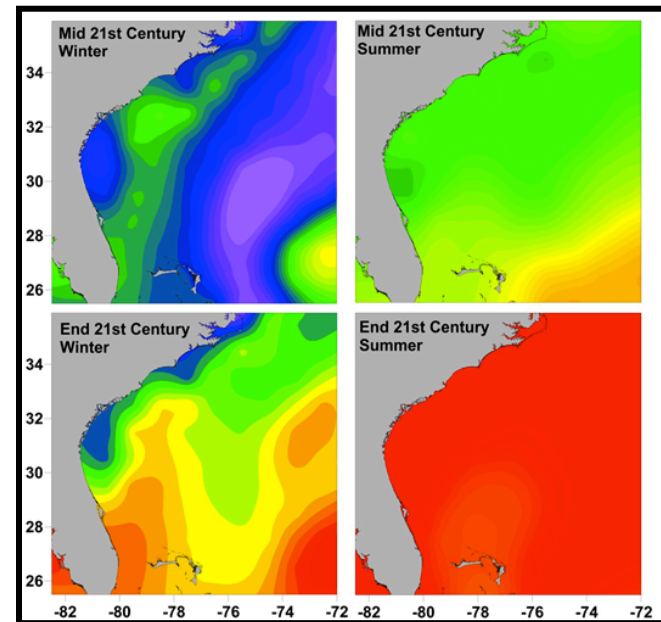


NOAA Ship *Pisces*



6. Status, Trends and Early Warnings

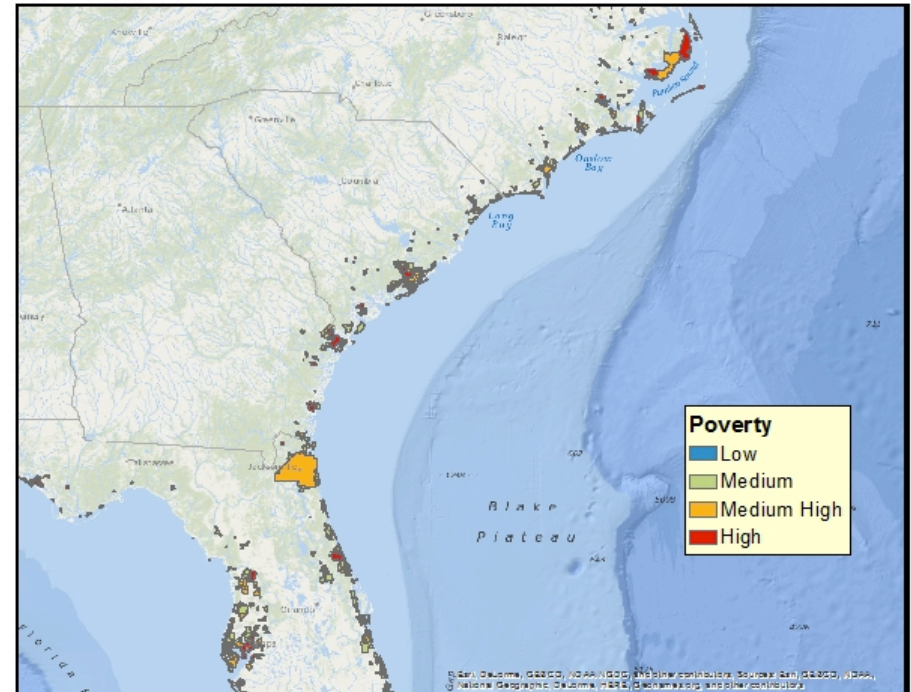
- Critical baseline data
- Ecosystem Status Report
- Early warning toolbox





5. Information on Mechanisms of Change

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

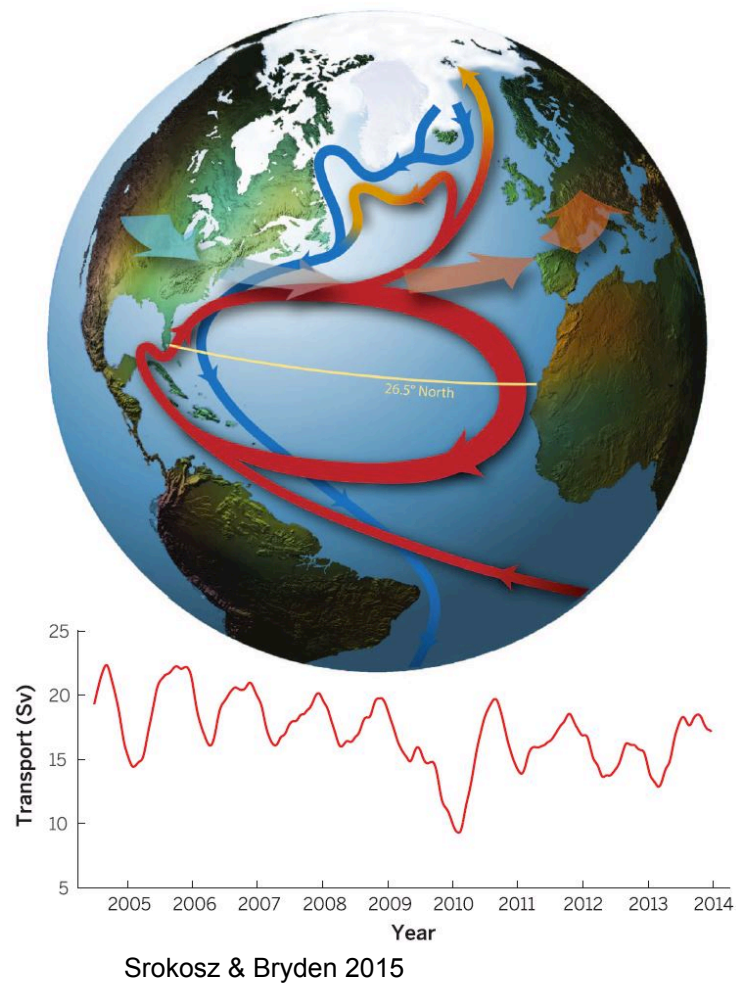




4. Robust Projections of Future Conditions

- 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	Green	Yellow
	Low	Yellow	Red

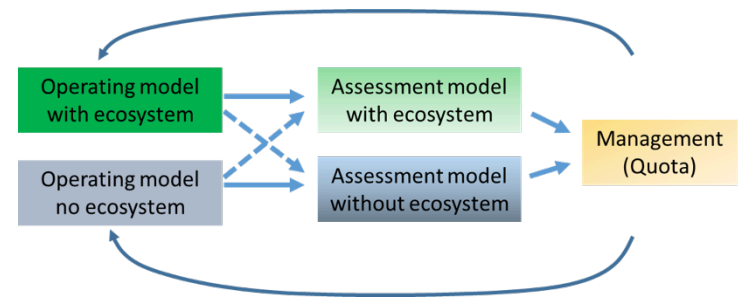
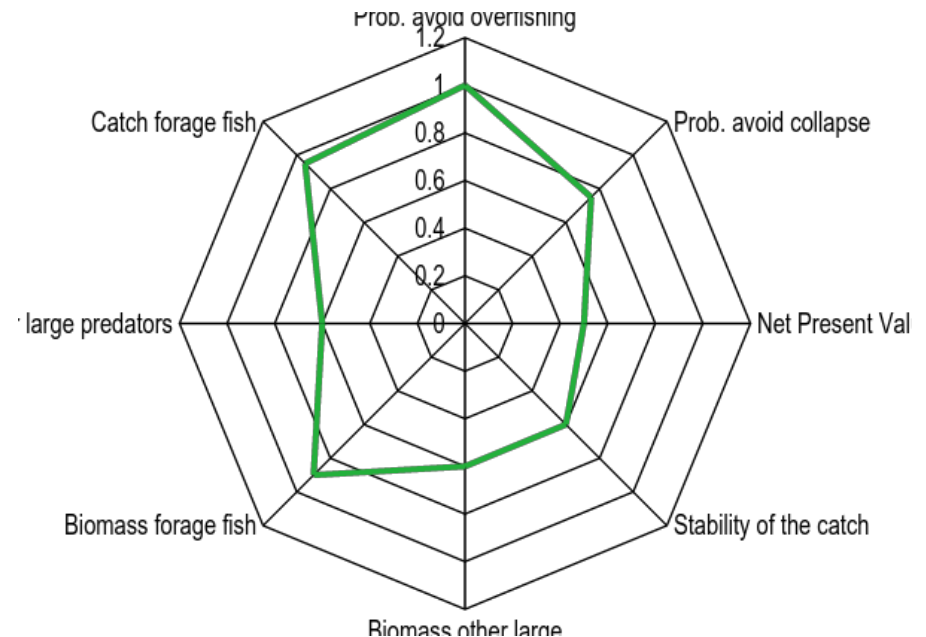


Marine Resource Education Program (Tampa, FL)



2. Robust Management Strategies

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





1. Climate-Informed Reference Points

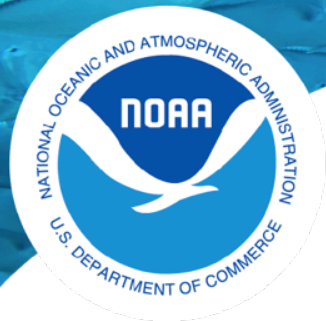


- Consider climate as we develop reference points.
- Improve ability to include climate considerations in EFH, HAPC designations
- Cross-region collaborations

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

Karla Gore, Roldan Muñoz, Mike Jepson, Allison Moulding, Sunny Snider, John Lamkin, Kevin Craig, Eric Hoffmayer, John Walter, Shannon Calay, John Quinlan, David Carter, Akbar Marvasti, Matt McPherson, Lance Garrison, Jason Reuter, Chris Sasso, Margaret Miller, Jennifer Cudney, Chris Kelble, Todd Kellison, Joanne McNeill, Michael Burton, Dave Meyer, Heidi Lovett



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