

# CLIMATE VARIABILITY AND FISHERIES WORKSHOP

Setting Science Priorities for the Gulf of Mexico,  
South Atlantic, and Caribbean Regions

October 26-28, 2015

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## MEETING OBJECTIVES

- Share the state-of-the-science and examples of apparent climate change and its potential impacts on fisheries resources (including protected resources such as marine mammals, turtles, and corals) in each region.
- Discuss how climate variability may impact fish distribution, catch, socioeconomics, and management.
- Identify and prioritize research and monitoring needs related to climate variability and fisheries for each region.
- Consider needs common to all regions, and discuss strategies for applied, collaborative research across geographies and disciplines.
- Learn from others working on the links between fisheries and climate in other regions.
- Identify opportunities for addressing priority needs.

## MEETING PRODUCTS

- Report on the state-of-the-science regarding climate change and its potential impacts on fisheries resources and management across the regions.
- Report on priority research and monitoring needs across the regions.

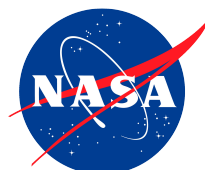
## MEETING SPONSORS



**NOAA FISHERIES**  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



**SECOORA**  
Southeast Coastal Ocean Observing  
Regional Association



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LOCATION: Sirata Beach Resort, 5300 Gulf Blvd, St Petersburg, FL 33706, (727) 897-5200  
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WEBSITE: [www.secoora.org/fishclimateworkshop](http://www.secoora.org/fishclimateworkshop)

## October 26, Day 1 (King Palm Room, 2<sup>nd</sup> Floor)

Water and Coffee Provided

1:00 – 1:45pm	Welcome, Overview of Meeting Objectives, and Introductions
1:45 – 2:45pm	Opening Plenary: <ul style="list-style-type: none"><li>- How Is Changing Climate Impacting Fisheries of the South Atlantic, Gulf of Mexico and Caribbean Regions?</li><li>- What are the Science Needs to Inform Management?<ul style="list-style-type: none"><li>• <i>Sang-Ki Lee, Cooperative Institute for Marine and Atmospheric Studies, University of Miami</i></li><li>• <i>Mitchell A. Roffer, Roffer's Ocean Fishing Forecasting Service Inc.</i></li><li>• <i>Mike Jepson, NOAA National Marine Fisheries Service</i></li></ul></li></ul>
2:45 – 3:00pm	Coffee Break
3:00 – 3:40pm	South Atlantic Panel <ul style="list-style-type: none"><li>• <i>Ben Hartig, Council Member, South Atlantic Fishery Management Council and Commercial Fisherman</i></li><li>• <i>Ken Lindeman, Florida Institute of Technology</i></li><li>• <i>George Sedberry, NOAA National Marine Sanctuaries</i></li></ul>
3:40 – 4:20pm	Gulf of Mexico Panel <ul style="list-style-type: none"><li>• <i>Sean Powers, Univ. of South Alabama, Dauphin Island Sea Lab</i></li><li>• <i>James Tolan, Texas Parks and Wildlife Department, Coastal Fisheries Division</i></li><li>• <i>Ben Blount, Social and Ecological Informatics</i></li></ul>
4:20 – 4:35pm	Coffee Break
4:35 – 5:15pm	Caribbean Sea Panel <ul style="list-style-type: none"><li>• <i>Tyler Smith, University of the Virgin Islands</i></li><li>• <i>Graciela Garcia-Moliner, Caribbean Fishery Management Council</i></li><li>• <i>Julio Morell, University of Puerto Rico</i></li></ul>
5:15 – 5:40pm	Group Discussion: Similarities and Differences Across Regions, and Management Implications of Potential Climate Change Impacts
5:40 – 5:45pm	Wrap Up Day 1, Preview Day 2
6:00pm	Reception (North Deck)

## October 27, Day 2 (King Palm Room, 2<sup>nd</sup> Floor)

Continental Breakfast, Water and Coffee Provided (Queen Palm Room, 2<sup>nd</sup> Floor)

8:30 – 8:40am	Review of Agenda Day 2
8:40 – 9:30am	Other Perspectives <ul style="list-style-type: none"> <li>• Kevin Friedland, NOAA National Marine Fisheries Service</li> <li>• Kevin Robbins, NOAA Southern Regional Climate Center</li> </ul>
9:30 – 9:40am	Coffee Break
9:40 – 10:45am	Breakout Groups: Research and Monitoring/Observing Needs to Track, Understand and Project Climate-related Changes in Fish Populations
10:45 – 11:00am	Break
11:00 – 12:15am	Breakout Groups: Research and Monitoring/Observing Needs to Track, Understand and Project Climate-related Changes in the Fisheries
12:15 – 1:15pm	Lunch (Queen Palm Room, 2 <sup>nd</sup> Floor)
1:15 – 2:25pm	Breakout Groups: Other Information and Decision-Support Needs to Support Climate-Informed Fisheries Management
2:25 – 2:45pm	Breakout Groups: Reflecting on Overall Priorities
2:45 – 3:00pm	Coffee Break
3:00 – 3:30pm	Report Out
3:30 – 4:55pm	Breakout Groups by Region
4:55 – 5:00pm	Wrap Up Day 2, Preview Day 3

Breakout Groups: Research and Monitoring/Observing Needs (Oct. 27: 9:40am, 11:00am, 1:15pm and 2:25pm)	
1	Mediterranean Palm, 2 <sup>nd</sup> Floor
2	King Palm Room, 2 <sup>nd</sup> Floor
3	Date Palm Room, 3 <sup>rd</sup> Floor
4	Blue Palm Room, 3 <sup>rd</sup> Floor

Regional Breakouts (Oct. 27: 3:30pm and Oct. 28:8:40am)	
1	Mediterranean Palm, 2 <sup>nd</sup> Floor
2	King Palm Room, 2 <sup>nd</sup> Floor
3	Date Palm Room, 3 <sup>rd</sup> Floor

**October 28, Day 3 (King Palm Room, 2<sup>nd</sup> Floor)**

*Continental Breakfast, Water and Coffee Provided (Queen Palm Room, 2<sup>nd</sup> Floor)*

8:30 – 8:40am	Review of Agenda Day 3
8:40 – 9:45am	Breakout Groups by Region (continued)
9:45 – 10:15am	Report Out from Regional Breakouts
10:15 – 10:30am	Coffee Break
10:30 – 11:30am	Panel of Program Managers <ul style="list-style-type: none"><li>• <i>Woody Turner, NASA</i></li><li>• <i>Lora Clarke, The Pew Charitable Trusts</i></li><li>• <i>Richard Merrick, NOAA Fisheries, Scientific Programs and Chief Science Advisor</i></li><li>• <i>Robin O'Malley, US Geological Survey</i></li></ul>
11:30 – 12:20pm	Large Group Discussion: Next Steps
12:20 – 12:30pm	Wrap Up and Adjourn