

RARGOM Annual Science Meeting Agenda

8:00 A	REGISTRATION		
8:30 A	Welcome and Introduction , Kevin Friedland, Lynn Rutter, Andrew Pershing		
9:00 A	Catherine Johnson	Warm ocean temperatures in the Canadian northwest Atlantic in 2012 and short-term ecosystem response	1
9:40 A	Ke Chen	Diagnosing the Warming of the Northeastern U.S. Coastal Ocean in 2012	2
9:55 A	J. Ruairidh Morrison	2012 - the most anomalously warm year observed by the NERACOOS Gulf of Maine buoy array since deployment in 2001	3
10:10 A	Ben Carr	The “year without a summer”: a historical perspective on climate change, spatial scale and coastal fisheries	4
10:25 A	BREAK--Poster session A		
11:05 A	Kevin Friedland	Spring bloom dynamics in the Gulf of Maine: the extreme bloom of 2012 only outdone by the bloom of 2013	5
11:20 A	Jeffrey Runge	Sustained abundance of <i>Calanus finmarchicus</i> in the western Gulf of Maine, despite record warm temperatures in 2012	6
11:35 A	Tony Diamond	Unusual winter mortality in multiple Atlantic seabird species	7
11:50 A	Heather Koopman	Rapid ocean warming in the Bay of Fundy, Canada and potential biological implications	8
12:05 P	Katherine E. Mills	The 2012 northwest Atlantic heat wave as an impetus for climate change adaptation planning in fisheries management	9
12:20 P	LUNCH --Poster session B		
1:50 P	Les Kaufman	Sifting the signal from the noise: new techniques for detecting and predicting regime shifts	10
2:30 P	Susan Little Olcott	How smart ocean planning can help respond to changing marine ecosystems	11
2:45 P	Marta Ribera	Connecting the dots between surface productivity and the rest of Stellwagen Bank: one step towards ecosystem-based management of a coastal marine environment	12
3:00 P	Glen Gawarkiewicz	Impact of the warming of 2012 on shelf and slope hydrography and fish distributions north of Cape Hatteras	13
3:15 P	BREAK --Poster session C		
3:55 P	Alan Wanamaker	A Shell-Based Record of Spring Seawater Temperatures since AD 1762 from the Central Gulf of Maine (Sequin Island): Challenges and Opportunities in Using Paleodata in Modern Climate Studies	14
4:10 P	Jeffrey Vieser	Response of Cobscook Bay fishes to an anomalously warm year, 2012	15
4:25 P	Stephen Kress	The Effects of Warm Water on Nesting Success of Atlantic Puffins in the Gulf of Maine	16
4:40 P	Jenny Sun	Impact of the 2012 Gulf of Maine Heatwave: Market Integration and Price Transmission of Maine and Canadian Lobster	17
4:55 P	Jonathan Labaree	The View from the Dock: The impact of climate change on Gulf of Maine fishing communities	18

Poster Presentations

Poster Session A (AM Break)	
Susie Arnold	A Climate of Change- Climate Change and New England Fisheries
Robin Hadlock Seeley	Lobsters use rockweed habitat in the intertidal zone at night
Jim Manning	Environmental Monitors on Lobster Traps (eMOLT): 2012 results and an update on the project
Thomas Robben	Birders Collaborating with Marine Biologists: Maximizing the Synergies
Jeffrey Runge	Integrated Sentinel Monitoring for Climate Change in the Northeast Region
Laura Whitefleet-Smith	Species identification of hake fishes of the Gulf of Maine
Poster Session B (Lunch)	
Lenore Bajona	NW Atlantic Ocean Observing System – World’s Most Extensive Acoustic Telemetry Array
Robin Hadlock Seeley	Tests for sustainability in rockweed harvesting
Joseph Salisbury	The Northeast Coastal Acidification Network
Hillary Scannell	The Odds of an Anomalous Year: the likelihood of an ocean heat wave in the Northwest Atlantic
Michael Stephens	Climate Change and Epizootic Shell Disease in American Lobsters (<i>Homarus americanus</i>): Influences of Winter Sea Temperatures on Incidence Rates
Linda Welch	Seabirds as Indicators of Ecosystem Change in the Gulf of Maine
Kristin Wilson	Incorporating Salt Marsh Pools into our Understanding of Salt Marsh Geomorphology: Lessons from Maine Salt Marshes
Poster Session C (PM Break)	
Yun Li (presented by Rubao Ji)	Linking Wind and Surface Salinity Fluctuation on the Northwest Atlantic Shelf: Mechanism and Implications
Sarah McCormack	The influence of the non-native alga <i>Heterosiphonia japonica</i> on Subtidal Flora and Fauna in the Gulf of Maine
Nicholas Record	Acoustically-derived zooplankton time series from the GoMOOS buoys
Juliet Simpson	Remotely monitoring marsh erosion and subsidence
Esperanza Stancioff	Promoting climate change awareness and adaptive planning in Atlantic fisheries communities using participatory vulnerability analysis, mapping, and systems dynamic modeling
Christine M. Tilburg	Accessing the Gulf of Maine’s Climate Change Data Through Webtools