



RARGOM

REGIONAL ASSOCIATION FOR RESEARCH ON THE GULF OF MAINE

2012 RARGOM Annual Science Meeting

**Will the Gulf of Maine yield more or less seafood
in the future, ideas from the physical
environment and lower trophic levels?**





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Start (h:m)	Duration (h:m)	AGENDA	
8:30	0:30	REGISTRATION & COFFEE	
9:00	0:10	WELCOME	
9:10	0:25	The relationship of forage fish abundance to aggregations of Gulf of Maine Atlantic cod (<i>Gadus morhua</i>) and catch-per-unit-effort in the fishery	David Richardson
9:35	0:40	Shrinking of fishes exacerbates impacts of global ocean changes on marine fisheries	William Cheung
10:15	0:25	Climate-induced shifts in size structure of the Northeast Shelf fish community	Kathy Mills
10:40	0:15	COFFEE & POSTERS	
10:55	0:25	Sensitivity of copepod populations to bottom-up and top-down forcing: a modeling study in the Gulf of Maine region	Rubao Ji
11:20	0:40	Pursuing hypotheses and the future of fisheries oceanography	Jon Hare
12:00	0:25	Using the MIMES framework (Multiscale Integrated Model of Ecosystems Services) to explore dynamic ecosystem service tradeoffs in the Massachusetts marine environment: A case study of forage fish and whales	Irit Altman
12:25	1:00	LUNCH & POSTERS	
13:25	0:25	Fall bloom phenology and magnitude influence haddock recruitment on Georges Bank	Robert Leaf
13:50	0:40	Using climate variability to diagnose how marine ecosystems work and how they will change	Andy Pershing
14:30	0:25	Water mass dynamics and the nutrient field in the Gulf of Maine and on Georges Bank	David Townsend
14:55	0:15	COFFEE & POSTERS	
15:10	0:25	Migration model of post-smolt Atlantic salmon in the Gulf of Maine	Carrie Byron
15:35	0:25	Will Atlantic salmon persist in the Gulf of Maine in the face of changing climate conditions?	Kevin Friedland
16:00	0:30	SUMMATION & ADJOURN	
16:30			



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Poster Session

Transects: it's what we do. Long-term intertidal monitoring on Appledore Island	J. Fields
Impact of environmental factors on the water quality in Saco Bay	Linda Jordan
Patterns in growth and movement of Atlantic halibut (<i>Hippoglossus hippoglossus</i>) in the Gulf of Maine	Julia Beaty
Investigation of Potential Factors Influencing the Biological Productivity on New England Shelf and Georges Bank: Comparing Frontal Statistics in FVCOM and Satellite-Derived Dataset	Vitalii Sheremet
Ichthyoplankton and Environmental Monitoring in a Maine Estuary	Jeremy Miller

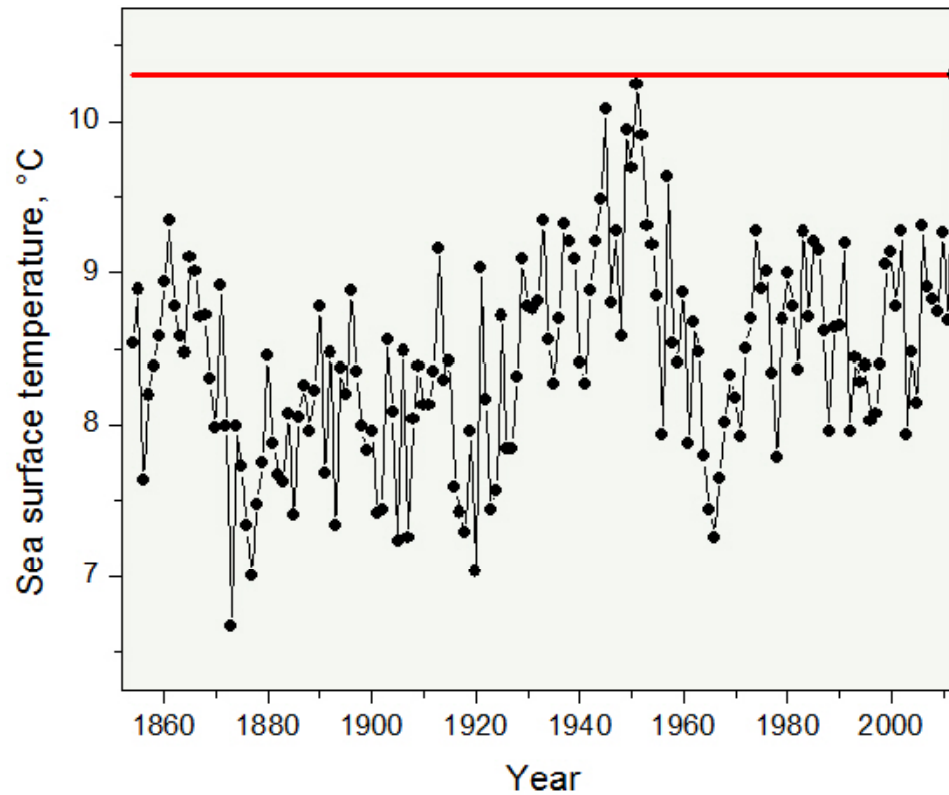


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Preamble on Temperature:

The Northeast Shelf is warming and reached record temperatures during the first half of 2012



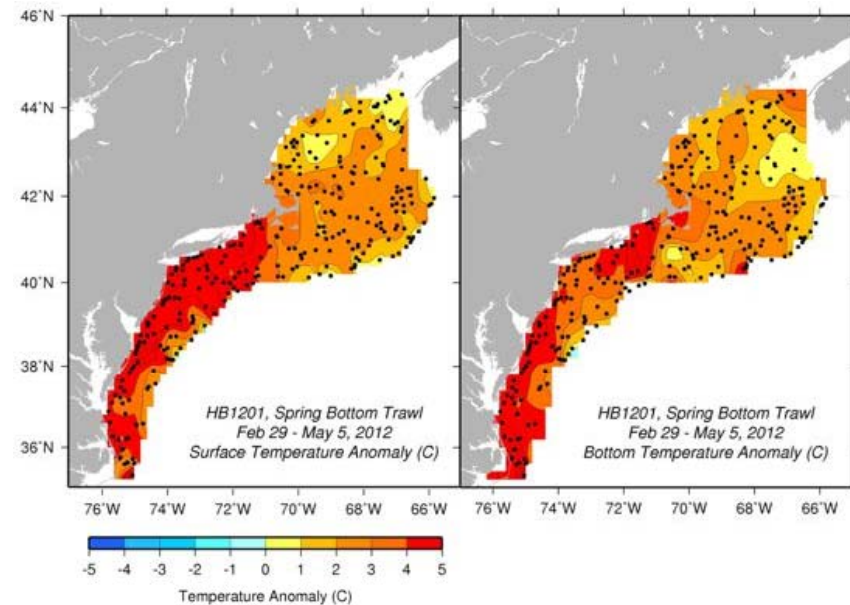
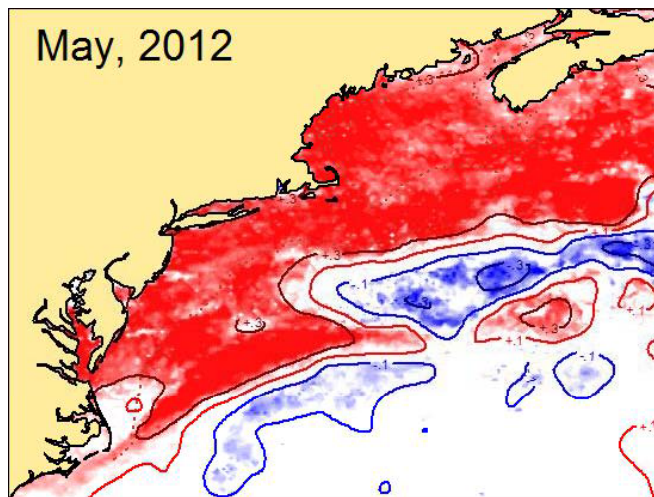


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Preamble on Temperature:

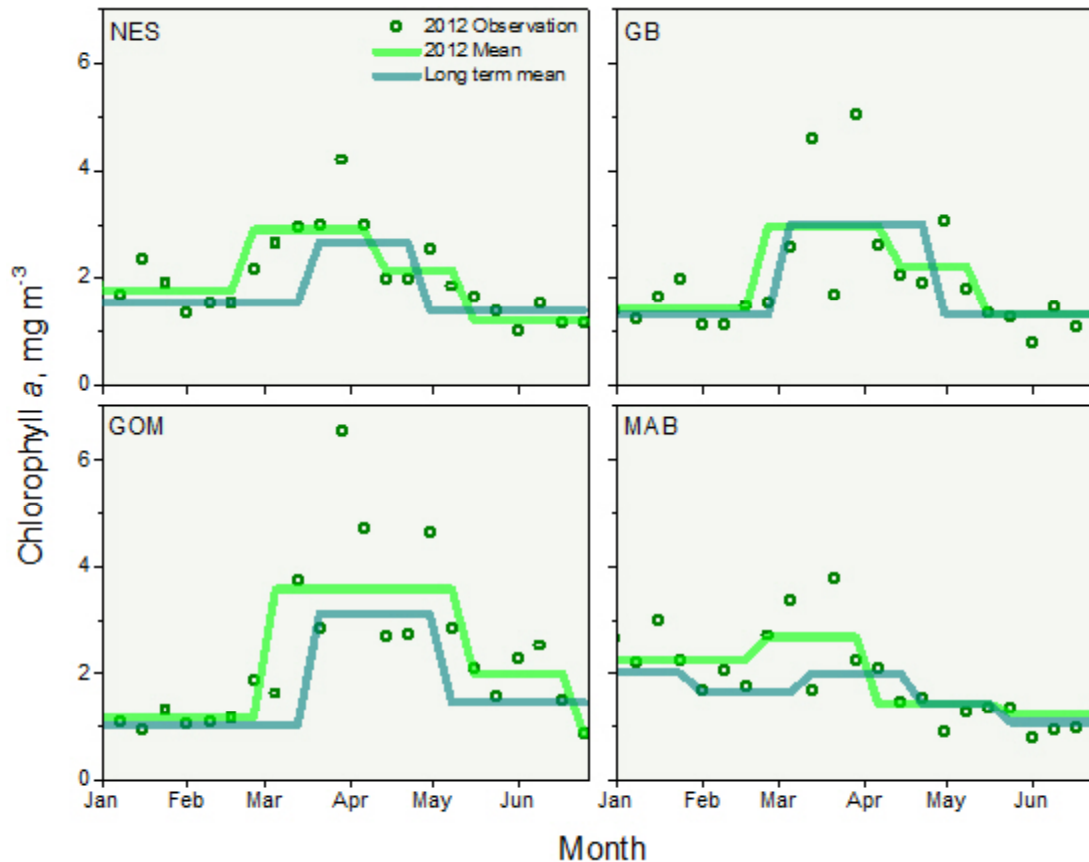
The warming temperature condition could be found over the entire shelf and from the surface to the bottom.





Preamble on Bloom timing:

The spring bloom start date in 2012 was the earliest recorded for the satellite ocean color data series.





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Passings...

Michele Dionne

Wells National Estuarine Research
Reserve Director and
RARGOM board member



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Informal discussions during lunch:

Voluntary and there will not be a quiz

Sign up during break

Add one you do not see

Distribute yourselves

Leave your comfort zone

Just join up

Something of note?





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Meeting logistics:

Registration

Parking

Lunch

Breaks

PowerPoints

Dinner

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Board of Representatives

Institutional Membership



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Acknowledgements:

Thanks to the Susan Russell-Robinson, USGS for meeting support and to Theresa Torrent-Ellis, Maine Coastal Program for our extra meeting materials (the lunch boxes) And to our Member Intuitions, our Board of Representatives and the Steering Committee – Theresa Torrent-Ellis, Susan Russell-Robinson, Judy Pederson, Lynn Rutter, John Annala, Jeff Runge, and Chair, Kevin Friedland