

## BIOGRAPHICAL SKETCH

### Riley Young Morse

#### Contact Information

Address: Gulf of Maine Research Institute (GMRI)  
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#### Professional Preparation

Undergraduate: Eckerd College B.S., Marine Science/Biology, 1993  
Graduate: University of Rhode Island M.S. program, Fisheries Science, 1993-1997

#### Appointments

2009-Present Program Manager, Ocean Data Products, Gulf of Maine Research Institute, Portland, ME  
2006-2009 Web Developer/Product Development Manager, Gulf of Maine Ocean Observing System (GoMOOS), Portland, ME  
2004-2006 Director of Products, JobsInTheUS.com, Westbrook, ME  
2000-2004 Web Designer/Developer, JobsInTheUS.com, Westbrook, ME  
1999-2000 Program Coordinator, Volunteer Water Quality Monitoring, University of Maine Cooperative Extension, Waldoboro, ME  
1998-1999 Aquaculture Technician, Spinney Creek Shellfish, Eliot, ME  
1997-1998 Marine Research Specialist, University of Rhode Island, GSO, Narragansett, RI  
1997 Research Assistant, Massachusetts Division of Marine Fisheries, Pocasset, MA  
1996-1997 Graduate Research Assistant, University of Rhode Island, GSO, Narragansett, RI  
1994-1996 Education Specialist, Save the Bay, Providence, RI

#### Publications

Bogden, P., J. Cannon, R. Young Morse, I. Ogilvie, B. Blanton, W. Perrie. "Forecasting Storm Damage on the Maine Coast". *Journal of Ocean Technology, An Eye on Poseidon*, Vol. 3, No. 3, 2008.  
The Uncommon Guide to Common Life In Narragansett Bay, Save the Bay. 1998 (republished in 2008) R. Young - Illustrator/Lead Writer. ISBN-13: 978-0615229010.

#### Presentations

National Environmental Information Exchange Network Annual Meeting: February 2014. Philadelphia, PA. *A WQX-Enabled Decision Support Tool for Planners in the Northeast*.  
NERACOOS Annual Meeting: December 2013. *CINAR TEMPESTS Project*.  
ICAN Great Lakes Workshop: September 2010. *IOOS and Coastal Web Atlases: Observing the Dynamic Ocean*  
2010 Exchange Network National Meeting. April 2010. Chicago, IL. *Gulf of Maine - Sharing Dead Bird, Buoy, Fish, Watershed (and Everything Else in the Kitchen Sink) Data the Exchange Network Way*  
NOAA Coastal Inundation Stakeholder Meeting. July 2009. Boston & Scituate, MA. *Coastal Flooding and Erosion Forecast*  
Maine Coastal Waters Conference. October 2009. Northport, ME. *Gulf of Maine Ocean Observing System - Modeling storm surge impacts*  
Northeast Region Coastal Hazards Workshop. November 2008. New London, CT. *Coastal Flooding and Erosion Forecast*

#### Synergistic Activities

DMAC lead on **CINAR Rapid Response to Extreme Storms Program for the Northeast United States** project (WHOI, Gulf of Maine Research Institute, Rutgers University, University of Maine, University of Maryland Center for Environmental Science)

Co-PI for NERACOOS 5 year implementation project (2011-2016), responsible for Data Management and Communication activities for ocean observing data integration and application development.

Project and technical development manager for several multi-year Exchange Network project working with Northeast state agencies (ME DMR, NH DES, ME DEP) and federal partners (EPA, USGS) to develop and oceanographic and environmental data exchange and data access web portal using Exchange Network and Open Geospatial Consortium standards.

Northeast Ocean and Coastal Data Partnership - active member, former executive committee member.

#### **Collaborators (Past 48 months)**

J.R. Morrison, T. Shyka, C. Stymiest (*NERACOOS*), B. Beardsley & C. Chen (*U. Mass Dartmouth*), J. Cannon (*National Weather Service*), J. Peros, J. Levin, J. Labaree, E. Bridger, I. Ogilvie, S. Dresser (*GMRI*), J. Manning, J. Hoey, C. Woodhead (*NMFS*), N. Pettigrew, L. Mangum, R. Fleming (*U. Maine*), K. Paige (*Great Lakes Observing System*), D. Hernandez (*SECOORA*), J. Quintrell (*IOOS Association*), D. Snowden (*IOOS*), R. Signell (*USGS*), E. Etrie (*NESSN - Northeast Sector Service Network*)  
D. Salerno (*NEFS 5*), R. Banks, (*NEFS 3*), G. Gawarkiewicz (*WHOI*)

#### **Research Management Experience**

**Ocean Data Products Program Manager** - Manage a professional staff of three software developers and an annual budget of \$690,000. Management of the full product development lifecycle of GMRI web-delivered data products. Includes: business development, defining projects, schedules, budgets and development of work plans, developing scientific and technical requirements for developers, creating mockups and wireframes of product prototypes and designing the user interfaces, data visualization and front-end tools. Provide outreach and communication to stakeholder and end-user communities. Includes ability to translate scientific and technical informatics material to a lay audience via graphical and written media.