

Jennifer Dorton, PMP
Deputy Director, Southeast Coastal Ocean Observing Regional Association
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Professional Preparation

- Project Management Certification, January 2016, PMP number 1892171
- M.S. Recreation and Leisure Services Administration, 2000, East Carolina University
- B.S. Health Policy & Administration and Business Administration (double major), 1996, University of North Carolina Chapel Hill

Appointments

Deputy Director

Southeast Coastal Ocean Observing Regional Association September 2017 – present

Coordinate twenty-three (23) funded PIs for the SECOORA 2016-2021 Cooperative Agreement. Assure project goals and objectives are met; track budgets and expenditures; coordinate PI communications; and, work with individual PIs to apply for additional federal or state grants that align with the SECOORA Strategic Plan.

University Program Specialist/Project Coordinator

University of North Carolina Wilmington, Wilmington, NC November 2004 – October 2017

Co-PI for the Coastal Ocean Research and Monitoring Program; a SECOORA funded program that provides mooring-based oceanographic data for a two-state area to the larger SECOORA enterprise. Project Manager for the development the Marine Weather Portal, developed with NOAA National Weather Service (NWS) offices in the southeastern US.

Project Manager for the GSAA Coast and Ocean Portal

Southeast Coastal Ocean Observing Regional Association January 2012 – March 2014

Led the regional information management system project team comprised of state agency managers, data management and GIS professionals, and NGO participants to develop the Governors' South Atlantic Alliance (GSAA) Coast and Ocean Portal. The portal was built to support regional priority management issues: Port maintenance and expansion, beach nourishment, habitat conservation, and hazard vulnerability assessment.

Environmental Program Manager for the NSF Ocean Observatories Initiative (OOI)

Raytheon, Washington DC May 2011-August 2012

Participated on the Environmental Compliance Team to assure that OOI addressed NEPA compliance requirements for federal actions. This included assisting with the preparation of the Site-Specific Environmental Assessment. Provided guidance to OOI project personnel on Federal and State permits required to deploy ocean observing infrastructure in US waters

Relevant Publications

Bushnell, M., Bailey, K., Bosch, J., Burger, E., Dorton, J. Easley, R., Heitsenrether, R., King, J., Grissom, K., Tamburri, M., Thomas, J., Waldmann, C. 2020. QARTOD-Prospects for Real-Time Quality Control Manuals, How to Create them, and a Vision for Advanced Implementation. 22 pp. doi: 10.25923/ysj8-5n28

Bushnell, M., Bailey, K., Bosch, J., Burger, E., Dorton, J. Easley, R., Heitsenrether, R., King, J., Grissom, K., Tamburri, M., Thomas, J., Waldmann, C. 2020. Prospects for Real-Time Quality Control Manuals, How to create them, and a Vision for Advanced Implementation. In 2020 Ocean Sciences Meeting Proceedings.

- Iwamoto, M.M, Dorton, J., Newton, J., Yerta, M., Gibeaut, J., Shyka, T., Kirkpatrick, B., and Currier, R. 2019. Meeting Regional, Coastal and Ocean User Needs With Tailored Data Products: A Stakeholder-Driven Process. *Front. Mar. Sci.* 07 June 2019. doi.org/10.3389/fmars.2019.00290
- Dorton, J., Galvarino, C, Porter, D., Hernandez, D. 2018. Integrating marine weather data, forecasts, and user assessments to upgrade the Marine Weather Portal. *Oceans 2018/MTS IEEE Charleston*. doi: 10.1109/OCEANS.2018.8604621.
- Bushnell, M., Heitsenrether, R., Thomas, J., Galvarino, C., Burger, E. Dorton, J. Leonard, L. 2018. Status and Near-Term Plans for the U.S. IOOS Quality Assurance / Quality Control of Real-time Oceanographic Data (QARTOD) Project. *Oceans 2018/MTS IEEE Charleston*. doi: 10.1109/OCEANS.2018.8604787
- Porter, D.E., J. Dorton, L. Leonard, H. Kelsey, V. Subramanian and D. Hernandez. 2015. Integrating environmental monitoring and observing systems in support of science to inform decision making: case studies for the Southeast. Chapter in *Coastal Ocean Observing Systems*. Y. Liu, H. Kerkering and R. Weisberg (eds.). Elsevier Press.
- Leonard, L., Dorton, J. 2013. Approaches to understanding and meeting the needs of decision makers in the Carolinas. In: *CERF 2013 Proceedings*.
- Leonard, L., Dorton, J. 2013. Informal Coastal Science Education Activities: Reaching Target Audiences in the Carolinas. In: *Southeastern GSA Proceedings*.
- Leonard, L., Dorton, J., Culver, S., and Christian, R. 2009. *Coastal and Estuarine Observing in North Carolina: Integrating Observations & Science to Understand Our Coastal Environment*. ECU Press. 30p.
- Fletcher, M., Leonard, L., Dorton, J., Hanson, J. 2009. Carolinas Regional Coastal Ocean Observing System (Carolinas RCOOS): a model for integration of sub-regional observing systems. In: *Oceans 2009 Proceedings*.
- Dorton, J.R., Subramanian, V., Galvarino, C., Porter, D.E. 2009. Ocean observing: Linking observations to the NWS and marine community. In: *Oceans 2009 Proceedings*.
- Dorton, J., Porter, D., Galvarino, C., Pfaff, S., Subramanian, V. 2009. Southeastern Marine Weather Portal: NWS and COOS Working Together for the Benefit of the Marine Community. In: *2009 Coastal GeoTools Abstracts*.
- Dorton, J.R., Porter, D.E., Pfaff, S.R., Quagliariello, J.A., Cothran, J., King, S. 2008. Carolinas Coast Marine Weather Portal: NOAA's NWS and coastal ocean observing systems working together for the marine community. In: *2008 Ocean Sciences Meeting Abstracts*.
- DeVoe, M.R., Buckley, E., Dorton, J.R., Fletcher, M., Leonard, L., Lumpkin, P., Mooers, C., Pietrafesa, L., Porter, D.E., Seim, H., Sheldon, S., Weisberg, R., and Xie, L. 2007. Regional coastal IOOS development in the South Atlantic Bight. *Marine Technology Society Journal*. 40(4):110-117
- Dorton, J., Leonard, L., Fletcher, M., Purvis, C., Pfaff, S. 2007. Carolinas Coast Marine Weather Portal, COOS and NOAA's NWS working together for the marine community. In: *Estuarine Research Federation 2007 Abstracts*.
- Fletcher, M., Porter, D.E., Leonard, L., Moss, M., Durako, M. Dorton, J., Pietrafesa, L., Buckley, E. and Xie, L. 2006. Adaptive integration of sub-regional coastal ocean observing systems: A case study of the Coastal Ocean Research and Monitoring Program (CORMP) and the Carolinas Coastal Ocean Observing and Prediction System (Caro-COOPS). In: *Oceans 2006 Proceedings*.

Awards and Synergistic Activities

- Coordinator, North Carolina Sentinel Site Program, 2014-2017
- Recipient of the NOAA in the Carolinas Leadership Award, February 2012
- Recipient of the NOAA National Weather Service Public Service Award, April 2007
- Data Analysis, Swain Center (2016)
- Project Management Certification (2016), number 1892171
- Project Management Certification Program, Swain Center, UNCW, 2015