

## Publications acknowledging NANOOS support

Last update: July 2015

Note: This list will be updated twice a year in January and July.

### 2015

Alin, S., R. Brainard, N. Price, J. Newton, A. Cohen, W. Peterson, E. DeCarlo, E. Shadwick, S. Noakes, N. Bednaršek, 2015. Characterizing the Natural System: Toward Sustained, Integrated Coastal Ocean Acidification Observing Networks to Facilitate Resource Management and Decision Support. *Oceanography*, 28(2):92–107, <http://dx.doi.org/10.5670/oceanog.2015.34>.

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Anderson, D. and P. Ruggiero, 2015. Modeling Interannual to Multi-Decadal Shoreline Rotations of Headland-Bounded Littoral Cells. *Proceedings of Coastal Sediments 2011*, ASCE, San Diego, CA.

Baptista AM, Seaton C, Wilkin M, Riseman S, Needoba JA, Maier D, Turner PJ, Karna T, Lopez JE, Herfort L et al., 2015. Infrastructure for collaborative estuarine science and societal applications in the Columbia River, United States. *Frontiers of Earth Science*, submitted.

Barton, A., G. Waldbusser, R. Feely, S. Weisberg, J. Newton, B. Hales, S. Cudd, B. Eudeline, C. Langdon, I. Jefferds, T. King, A. Suurbier, K. McLaughlin. 2015. Impacts of Coastal Acidification on the Pacific Northwest Shellfish Industry and Adaptation Strategies Implemented in Response. *Oceanography*, 28(2):146–159, <http://dx.doi.org/10.5670/oceanog.2015.38>.

Cohn, N., D. Anderson, and P. Ruggiero, 2015. Observations of Intertidal Bar Welding along a High Energy Dissipative Coastline, *Proceedings of Coastal Sediments 2011*, ASCE, San Diego, CA.

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Di Leonardo, D. and P. Ruggiero, 2015. Regional scale sandbar variability: Observations from the U.S. Pacific Northwest. *Continental Shelf Research*, 95,74-88.

Durski, S. M., A.L. Kurapov, J.S. Allen, P.M. Kosro, G.D. Egbert, and K.R. Shearman, 2015. Coastal ocean variability in the U.S. Pacific Northwest region: seasonal patterns, winter circulation and the influence of the 2009-2010 El Nino. *Ocean Dynamics*, in review.

Herfort L, C. Seaton, M. Wilkin, B. Roman, C.M Preston, R. Marin, III, K. Seitz, M.W. Smith, V. Haynes, C.A. Scholin, 2015. Use of continuous, real-time observations and model simulations to achieve autonomous, adaptive sampling of microbial processes with a robotic sampler. *Limnology and Oceanography: Methods*, submitted.

Karna T, A.M. Baptista, J.E. Lopez, P.J. Turner, C. McNeil, T.B. Sanford, 2015. Numerical modeling of circulation in high-energy estuaries: A Columbia River estuary benchmark. *Ocean Modelling*. 88:54-71.

Karna T, A.M. Baptista, 2015. Evaluation of a long-term hindcast simulation for the Columbia River estuary. *Ocean Modelling*, submitted.

McLaughlin, K., S. Weisberg, A. Dickson, G. Hofmann, J. Newton, D. Aseltine-Neilson, A. Barton, S. Cudd, R. Feely, I. Jefferds, E. Jewett, T. King, C. Langdon, S. McAfee, D. Pleschner-Steele, B. Steele, 2015. Core Principles of the California Current Acidification Network: Linking Chemistry, Physics, and Ecological Effects. *Oceanography*, 28(2):160–169, <http://dx.doi.org/10.5670/oceanog.2015.39>.

Newton, J., L. Jewett and P. Williamson, 2015. New Global Ocean Acidification Observing Network Brings Multi-National Approach. *Earthzine*, OES IEEE. Published 01 June 2015 17:50.

Siedlecki, S.A., N.S. Banas, K.A. Davis, S. Giddings, B.M. Hickey, P. MacCready, T. Connolly, and S. Geier, 2015. Seasonal and interannual oxygen variability on the Washington and Oregon continental shelves. *Journal of Geophysical Research: Oceans*, 120, doi:10.1002/2014JC010254.

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Washington State Department of Ecology. 2015c. Eyes Over Puget Sound, Surface Conditions Report, March 24, 2015. Ecology Publication No. 15-03-072.

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Cohn, N., P. Ruggiero, J. Ortiz, and D.J. Walstra, 2014. Investigating the role of complex sandbar morphology on nearshore hydrodynamics. In Proceedings of the 13th International Coastal

Symposium, Durban, South Africa, 13-17 April 2014. *Journal of Coastal Research*, Special Issue 70, 53-58, doi:10.2112/SI65-010.1.

Davis, K. A., N. S. Banas, S. N. Giddings, S. A. Siedlecki, P. MacCready, E. J. Lessard, R. M. Kudela, and B. M. Hickey, 2014. Estuary-enhanced upwelling of marine nutrients fuels coastal productivity in the U.S. Pacific Northwest. *Journal of Geophysical Research: Oceans*, 119, 8778–8799, doi:10.1002/2014JC010248.

Kim, S.Y, P.M Kosro, and A.L. Kurapov, 2014. Evaluation of directly wind-coherent near-inertial currents off Oregon using a statistical parameterization and analytical and numerical models. *Journal of Geophysical Research*, 119(10): 6631-6654, doi:10.1002/2014JC010115.

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Newton, J.A, J. Allan, and T. Tanner, 2014. Recent NANOOS contributions to maritime operations and boater traffic. *Sidelights*, Council of American Master Mariners, Vol. 44, No 3.

[http://www.mastermariner.org/sidelights/Sidelights\\_June-Aug2014.pdf](http://www.mastermariner.org/sidelights/Sidelights_June-Aug2014.pdf)

Newton, J.A., R.A. Feely, E.B. Jewett, P. Williamson, and J. Mathis, 2014. Global Ocean Acidification Observing Network: Requirements and Governance Plan, First Edition, IAEA. [http://www.goa-on.org/docs/GOA-ON\\_Plan\\_final\\_Sept\\_2014.pdf](http://www.goa-on.org/docs/GOA-ON_Plan_final_Sept_2014.pdf)

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## 2013

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