

## ***CURRICULUM VITAE***

### **LOUIS ANTHONY CODISPOTI**

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### ***Education***

B.S. Fordham University, Bronx, NY, 1962, Chemistry

M.S. University of Washington, Seattle, WA, 1966, Oceanography

Ph.D., University of Washington, Seattle, WA, 1973, Oceanography

### ***Recent Professional Background***

1999 – present Research Professor, Univ. of Maryland, Center for  
Environmental Science, Horn Point Laboratory

1994-1999 Research Professor, Old Dominion University, Center for  
Coastal Physical Oceanography

### ***Research***

#### *Research Interests*

Instrumentation for improving temporal and spatial resolution of chemical oceanographic data; oceanic fixed-N and N<sub>2</sub>O budgets, biogeochemical cycling in the Arctic Ocean, harmful algal blooms, descriptive physical oceanography and chemical hydrography, primary production, suboxic respiration.

#### *Recent Publications*

Codispoti, L.A., C. N. Flagg, and J.H. Swift (2009) Hydrographic conditions during the 2004 SBI process experiments. Deep-Sea Research II 56:1144-1163.

Glibert, P.M., V. Kelly, J. Alexander, L.A. Codispoti, W.C. Boicourt, T. M. Price and B. Michael (2008) *In situ* nutrient monitoring: A tool for capturing nutrient variability and the antecedent conditions that support algal blooms. Harmful Algae, 8:175-181

Codispoti, L.A. (2007) An oceanic fixed nitrogen sink exceeding 400 Tg N a<sup>-1</sup> vs the concept of homeostasis in the fixed-nitrogen inventory. Biogeosciences. 4:233-253.

Packard, T.T. and L.A. Codispoti (2007) Respiration, Mineralization, and Biochemical Properties of the Particulate Matter in the Nansen Basin Water Column in April 1981. Deep-Sea Research I, 54:403-414.

- Cooper, L.W., L.A. Codispoti, V. Kelly, G.G. Sheffield and J.M. Grebmeier (2006) The potential for using Little Diomedede Island as a platform for observing environmental conditions in Bering Strait. Arctic 59:129-141.
- Cooper, L.W., C.J. Ashjian, S.L. Smith, L.A. Codispoti, J.M. Grebmeier, R.G. Campbell and E.B. Sherr. (2006) Rapid seasonal sea-ice retreat in the Arctic could be affecting Pacific walrus (*Odobenus rosmarus divergens*) recruitment. Aquatic Mammals. 32(1):98-102.
- Devol, A.H., S.W.A. Naqvi, L.A. Codispoti (2006) Nitrogen cycling in the suboxic waters of the Arabian Sea. pp. 283-310 In: N. L. Neretin (ed.) Past and Present Water Column Anoxia, NATO Science Series, Springer, Dordrecht.
- Devol, A.H., A.G. Uhlenhopp, S.W.A. Naqvi, J.A. Brandes, D.A. Jayakumar, H. Naik, S. Gaurin, L.A. Codispoti, and T. Yoshinari (2006) Denitrification rates and excess nitrogen gas concentrations in the Arabian Sea oxygen deficient zone. Deep-Sea Research I 53:1533-1547.
- Gong, G-C., J. Chang, K-P. Chiang, T-M. Hsiung, C-C. Hung, S-W. Duan, and L.A. Codispoti (2006) Reduction of primary production and changing of nutrient ratio in the East China Sea: Effect of the Three Gorges Dam. Geophys. Res. Letters 33:L07610, doi:10.1029/2006GL025800.
- Bange, H.W., S.W.A. Naqvi and L.A. Codispoti (2005) The nitrogen cycle in the Arabian Sea. Progr. Oceanogr. 65:145-158.
- Bates, N.R., D.A. Hansell, S.B. Moran and L.A. Codispoti (2005) Seasonal and Spatial Distribution of Particulate Organic Matter (POM) in the Chukchi Sea. Deep-Sea Res. II 52:3324-3343.
- Codispoti, L.A., T. Yoshinari and A. H. Devol (2005) Suboxic respiration in the oceanic water column, pp. 225-247. In: P. A. del Giorgio and P. J. LeB. Williams (eds.) Respiration in Aquatic Ecosystems, Oxford University Press.
- Codispoti, L.A., C. Flagg, V. Kelly and J.H. Swift (2005) Hydrographic conditions during the 2002 SBI process experiments. Deep-Sea Res. II. 52:3199-3126.
- Cooper, L.W., R. Benner, J. McClelland, B. Peterson, R. Holmes, P.A. Raymond, D. Hansell, J.M. Grebmeier and L.A. Codispoti (2005) Linkages between runoff, dissolved organic carbon and the stable oxygen isotope composition of seawater and other water mass indicators in the Arctic Ocean. JGR 110:G02013, doi:10.1029/2005JG000031, 2005.
- Glibert, P.M., S. Seitzinger, C.A. Heil, J.M. Burkholder, M.W. Parrow, L.A. Codispoti and V. Kelly (2005) Eutrophication- New perspectives on its role in the global proliferation of harmful algal blooms. Oceanography. 18:199-209.