CURRICULUM VITAE

Gail C. Kineke

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EDUCATION

Ph.D., Oceanography, University of Washington, 1993
thesis title: Fluid Muds on the Amazon Continental Shelf
M.S., Oceanography, University of Washington, 1988
B.A., Geology, Princeton University, with honors, 1983

PROFESSIONAL EXPERIENCE

2016-present	Professor, Dept. of Earth and Environmental Sciences, Boston College
1997-present	Adjunct Scientist, Applied Ocean Physics & Engineering Dept., Woods Hole Oceanographic Institution
2002-2016	Associate Professor, Dept. of Earth and Environmental Sciences (formerly Geology and Geophysics), Boston College
2007-2013	Chair, Dept. of Earth and Environmental Sciences (formerly Geology and Geophysics), Boston College
1997-2002	Assistant Professor, Dept. of Geology and Geophysics, Boston College
1995-2000	Associate, Belle W. Baruch Institute for Marine Biology and Coastal Research, Georgetown, SC
1995-1997	Visiting Investigator, Applied Ocean Physics & Engineering Dept., Woods Hole Oceanographic Institution
1995-1997	Assistant Professor of Marine Science and Geological Sciences, University of South Carolina
1993-1994	Postdoctoral Investigator, Applied Ocean Physics & Engineering Dept., Woods Hole Oceanographic Institution
1985-1993	Graduate student (Masters and Ph.D. program), Teaching/Research Assistant, School of Oceanography, University of Washington
1984-1985	Geological Field Assistant, United States Geological Survey, Woods Hole, MA
1983-1984	Earth Science teacher, The Episcopal Academy, Merion, PA

RESEARCH INTERESTS

Coastal and estuarine processes, fine sediment transport

AWARDS AND HONORS

Office of Naval Research Young Investigator, 1996
Presidential Early Career Award for Scientists and Engineers (PECASE), 1996
National Science Foundation CAREER award, 1996

REFEREED PUBLICATIONS (**students in bold**)

Carlson, B. N., Nittrouer, J. A., **Moodie, A. J.**, Kineke, G. C., **Kumpf, L.L.** , Ma, H., Parsons, D., *accepted*. Infilling abandoned deltaic distributary channels through landward tidal sediment transport, *Journal of Geophysical Research: Earth Surface*.

Valentine, K., G. Kineke, D. Ralston, C. Sherwood, *in revision*. Response of sediment grain size and bedforms to changing flow conditions in a shallow, energetic estuary, *Marine Geology*.

Lavallee, K.D., Kineke, G.C. & Milligan, T.G., 2019. *Estuaries and Coasts,*43:39-55. https://doi.org/10.1007/s12237-019-00655-6

Traykovski, P., J. Trowbridge, G. Kineke, 2015. Mechanisms of surface wave energy dissipation over a high-concentration sediment suspension, *Journal of Geophysical Research: Oceans*, 120:1638-1681, DOI: 10.1002/2014JC010245.

Hsu T.-J., Traykovski P. A., G. C. Kineke, 2007. On modeling boundary layer and gravity-driven fluid mud transport, *Journal of Geophysical Research*, 112, C04011, doi:10.1029/2006JC003719.

Kineke, G.C., **Higgins, E.E., Hart, K. and D. Velasco**, 2006. Fine-Sediment Transport Associated with Cold Front Passages on the Shallow Shelf, Gulf of Mexico. *Continental Shelf Research*, 26:2073-2091.

Goñi, M.A., Gordon, E.S., Monacci, N.M., Clinton, R., Gesewhite, R., Allison, M.A., and G.C. Kineke, 2006. The effect of Hurricane Lili on the distribution of organic matter along the inner Louisiana shelf (Gulf of Mexico, USA). *Continental Shelf Research*, 26:2260-2280.

Draut, A.E., Kineke, G.C., **Velasco, D.W.**, Allison, M.A., and **R.J. Prime**, 2005. Influence of the Atchafalaya River on Recent Evoloution of the Chenier Plain Inner Continental Shelf, Northern Gulf of Mexico. *Continental Shelf Research*, 25:91-112.

Draut, A.E., Kineke, Gail C., Huh, Oscar K., Grymes, John M., III, Westphal, Karen A., and Christopher C. Moeller, 2005. Coastal Mudflat Accretion under Energetic Conditions, Louisiana Chenier-Plain Coast, USA. *Marine Geology,* 214:27-47.

Geyer, W.R., P.S. Hill, and G.C. Kineke, 2004. The transport and dispersal of sediment by buoyant coastal flows. *Continental Shelf Research,* 24:927-949.

McKee, B.A., R.C. Aller, M.A. Allison, T.S. Bianchi, and G.C. Kineke, 2004. Transport and transformation of dissolved and particulate materials on continental margins influenced by major rivers: benthic boundary layer and seabed processes. *Continental Shelf Research,* 24:899-926.

Blanton, J.O., Seim, H., Alexander, C., Amft, J., and Kineke, G., 2003. Transport of salt and suspended sediments in a curving channel of a coastal plain estuary: Satilla River, GA. *Estuarine, Coastal and Shelf Science* 57:993-1006.

Orton, P.M., and G.C. Kineke, 2001. Comparing Calculated and Observed Vertical Suspended-Sediment Distributions from a Hudson River Estuary Turbidity Maximum. *Estuarine, Coastal and Shelf Science,* 52:401-410.

Blake, A.C., G.C. Kineke, T.G. Milligan, and C.R. Alexander, 2001. Sediment trapping and transport in the ACE Basin, South Carolina. *Estuaries,* 24:721-733.

Milligan, T.G., G.C. Kineke, **A. Carlson**, C.R. Alexander, and P.S. Hill, 2001. Flocculation and Sedimentation in the ACE Basin, South Carolina. *Estuaries,* 24:734-744.

Gordon, E.S., M.A. Goñi, Q.N. Roberts, G.C. Kineke, and M.A. Allison, 2001. Organic matter distribution and accumulation on the inner Louisiana Shelf west of the Atchafalaya River. *Continental Shelf Research,* 21:1691-1721.

Allison, M.A., G.C. Kineke, **E.S. Gordon** and M.A. Goñi, 2000. Development and reworking of an annual flood deposit on the inner continental shelf off the Atchafalaya River. *Continental Shelf Research,* 20:2267-2294.

Kineke, G., K.J. Woolfe, S.A. Kuehl, J. Milliman, T. Dellapena and R.G. Purdon, 2000. Sediment export from the Sepik River, Papua New Guinea: Evidence for a divergent dispersal system. *Continental Shelf Research,* 20:2239-2266.

Ogston, A.S., D.A. Cacchione, R.W. Sternberg, and G.C. Kineke, 2000. Storm and river flood-driven sediment transport on the northern California continental shelf. *Continental Shelf Research,* 20:2141-2162.

Blanton, J., C. Alexander, M. Alber, and G. Kineke, 1999. The Mobilization and deposition of mud deposits in a coastal plain estuary. *Limnologica,* 29:293-300.

Geyer, W.R., R.P. Signell, and G.C. Kineke, 1998. Lateral Trapping of Sediment in a Partially Mixed Estuary. In Dronkers & Sheffers (eds) Physics of Estuaries and Coastal Seas ,pp 115-124.

Berhane, I., Sternberg, R.W., Kineke, G.C., Milligan, T.G. and K.Kranck, 1997. The variability of suspended aggregates on the Amazon continental shelf. *Continental Shelf Research*. 17:267-285.

Sternberg, R.W., D.A. Cacchione, B. Paulson, G.C. Kineke, and D.E. Drake, 1996. Active sedimentary processes on the Amazon prodelta. *Continental Shelf Research,* 16:697-715.

Kineke, G.C., R.W. Sternberg, J.H. Trowbridge, and W.R. Geyer, 1996. Fluid Mud Processes on the Amazon Continental Shelf. *Continental Shelf Research*, 16:667-696.

Geyer, W.R. and G.C. Kineke, 1995. Observations of currents and water properties in the Amazon frontal zone. *Journal of Geophysical Research,* 100:2321-2339.

Kineke, G.C. and R.W. Sternberg, 1995. Distribution of fluid muds on the Amazon continental shelf. *Marine Geology,* 125:193-234.

Allison, M.A., C.A. Nittrouer, and G.C. Kineke, 1995. Seasonal sediment storage on mudflats adjacent to the Amazon River. *Marine Geology,*125:303-328.

Cacchione, D.A., D.E. Drake, R.W. Kayen, R.W. Sternberg, G.C. Kineke, and G.B. Tate, 1995. Measurements in the bottom boundary layer on the Amazon subaqueous delta. *Marine Geology,* 125:235:258.

Allison, M.A., G.C. Kineke, R.W. Sternberg, and C.A. Nittrouer, 1994. Use of an instrumented tripod system to examine sediment dynamics and fine-scale strata formation in muddy surfzone and nearshore environments. *Journal of Coastal Research,* 10:488-496.

Trowbridge, J.H. and G.C. Kineke, 1994. Structure and dynamics of fluid muds over the Amazon continental shelf. *Journal of Geophysical Research,* 99:865-874

Kineke, G.C. and R.W. Sternberg, 1992. Measurements of high concentration suspended sediments using the Optical Backscatterance Sensor. *Marine Geology*, 108:253-258.

Kineke, G.C., R.W. Sternberg, D.A. Cacchione, K. Kranck and D.E. Drake. 1991. Distribution and characteristics of suspended sediment on the Amazon shelf. *Oceanography*, April: 21-26.

Sternberg, R.W., G.C. Kineke and R. Johnson. 1991. An instrument system for profiling suspended sediment, and fluid and flow conditions in shallow marine environments. *Continental Shelf Research,* 11: 109-122.

Kineke, G.C., R.W. Sternberg and R. Johnson. 1989. A new instrument for measuring settling velocities in situ. *Marine Geology*, 90: 149-158.

Kineke, G.C. and R.W. Sternberg. 1989. The effect of particle settling velocity on computed suspended sediment concentration profiles. *Marine Geology*, 90:159-174.

OTHER PUBLICATIONS

Kineke, Gail C., 2015. autobiographical sketch in Women in Oceanography, A Decade Later. *Oceanography*, 27:4(Supplement):152.

Belaval, Marcel, Lane, J.W., Jr., Lesmes, D.P., and Kineke, G.C., 2003, Continuous-resistivitiy-profiling for coastal ground-water investigations- three case histories. *In* Symposium on the Application of Geophysics to Engineering and Environmental Problems, San Antonio, TX, April 6-10, 2003, Proceedings: Denver, Colo., Environmental and Engineering Geophysical Society, CD-ROM.

Henrichs, S., N. Bond, R. Garvine, G. Kineke and S. Lohrenz, 2000.Coastal Ocean Processes (CoOP):Transport and Transformation Processes over Continental Shelves with Substantial Freshwater Inflows. University of Maryland Center for Environmental Science Technical Report TS-237-00.

Creswell, G., L. Pender, and G. Kineke, 1997. Portrait of a plume. *Chemistry in Australia*, 64:16-18.

Nikolova Eddins, S.G., D.F. Williams, D. Bushek, D. Porter, and G. Kineke, 1997. Searching for a prominent role of research in undergraduate education: Project Interface. *Journal on Excellence in College Teaching*, 8(1), 69-81.

MANUSCRIPTS IN PREPARATION

Kineke, G.C., Sediment Gravity Flows on Continental Shelves (INVITED), *Annual Review of Marine Science.* March 2020 submission deadline.

Kineke, G. C., T. Milligan and **K. M. Heath**, Formation of High Concentration Sediment Suspensions Under Sheared Flows (working title)*, Journal of Geophysical Research: Oceans*.

Milligan, T. and G.C. Kineke, Formation of Tidalites from High Concentration Sediment Suspensions (working title), *Marine Geology*.

Simans, K., G. Kineke, W.R Geyer, D.K. Ralston, Patterns of Sediment Flux Driven by salt-wedge dynamics in a shallow stratified estuary.

GRANT HISTORY

"Coastal SEES Collaborative Research: Morphologic, Socioeconomic and Engineering Sustainability of Massively Anthropic Coastal Deltas: the Compelling Case of the Huanghe," National Science Foundation, $465,541. 9/1/2014 to 11/30/2020.

"Collaborative Research: Frontogenesis and fine-sediment trapping in a highly-stratified estuary," National Science Foundation, $ 444,263, 9/1/12 to 12/31/17.

"Copper River Shelf Sedimentation after Record Snowfall: A Window to Future Climate Change?" Boston College Research Expense Grant, $2000, 6/1/12 to 5/25/13. In collaboration with National Science Foundation, Rapid Response Research (RAPID), PI S. Kuehl (Virginia Institute of Marine Science).

"Mechanisms of Fluid-Mud Interactions under Waves," Office of Naval Research-Multidisciplinary Research Program of the University Research Initiative, subcontract to Woods Hole Oceanographic Institution, amount: $341,046. Awarded: 5/1/2006 to 4/30/2011.

"FLUid Mud in Energetic Systems II (FLUMES II), "Office of Naval Research, Total: $94,860. Awarded: 1/1/2008-12/31/2010.

"FLUid Mud in Energetic Systems (FLUMES)," Office of Naval Research, amount: $86,852. Awarded: 10/1/05-9/30/08.

"Sediment Dispersal in the Gulf of Lions: Water Column Dynamics and Potential for Cross-Margin Transport," Office of Naval Research, amount: $155,298. Awarded,10/1/03-9/30/06.

"Sediment Dispersal from the Apennine Rivers," Office of Naval Research, total amount: $123,769, Awarded; 1/1/02-12/31/03.

"CAREER Development Program: Sediment Transport and Trapping in Estuaries, Southeastern United States," National Science Foundation, total amount: $457,402; Awarded; 9/1/97-8/31/02

"An Autonomous Profiler for Estuarine Research and Monitoring," subcontract to Woods Hole Oceanographic Institution as part of proposal submission to the Cooperative Institute for Coastal and Estuarine Environmental Technology, total amount: $199,817, subcontract amount $10,917. Awarded: 8/1/2000-7/31/2002.

"The Role of Fluid Muds in Sediment Transport along a Muddy Coast," Office of Naval Research Young Investigator Program, total amount: $504,750; Awarded 5/1/96-3/31/02.

"Collaborative Research: Sediment Dispersal from Vertically Divergent Plumes on a Mountainous Collision Margin: A New Paradigm for Continental Margin Sedimentation," National Science Foundation, total amount: $76,330; Awarded; 4/1/99-2/28/02.

"Sediment Transport and Mass Balance in the Hudson River Estuary: the Contribution of the Spring Freshet," R. Geyer, PI, Hudson River Foundation/subcontract through Woods Hole Oceanographic Institution, total amount: $277,501, subcontract amount: $12,554. Awarded: 4/1/1998-3/31/2000.

PRESENTATIONS & ABSTRACTS (**students in bold**)

Kineke, G.C., **M. Mullane** and **L. Kumpf** (2020), Wave-enhanced tidal sediment transport on the Huanghe (Yellow River) Delta Front. [MG51A-07] Ocean Sciences Meeting, San Diego CA, Feb 16-21, 2020.

Kumpf, L.L, G.C. Kineke, **B.C. Carlson**, **M.M. Mullane** (2020), Seasonal infilling of an artificially abandoned distributary channel on the Huanghe (Yellow River) Delta, China. [CP24D-1174] Ocean Sciences Meeting, San Diego CA, Feb 16-21, 2020.

Mullane, M., G.C. Kineke, **L.L. Kumpf** and B.C. Carlson (2020), Seasonal wave attenuation in the muddy nearshore environment of the modern Huanghe Delta from in situ observations and SWAN modeling. [MG44A-2232] Ocean Sciences Meeting, San Diego CA, Feb 16-21, 2020.

Carlson, B., J.A. Nittrouer, **A.J. Moodie, M.Mullane, L.L. Kumpf** and G.C. Kineke (2018), Seasonal sediment delivery to an abandoned deltaic distributary channel, [EP12B-07] presented at 2018 Fall Meeting, AGU, Washington, DC, 10-14 Dec 2018.

Kineke, G.C., **M. Mullane** and **L. Kumpf** (2018), Sediment Transport on the Huanghe (Yellow River) Delta Front, presented at Physics of Estuaries and Coastal Seas Meeting 2018, Galveston TX, 14-19 Oct.

Kineke, G.C., **B. Carlson, A.J. Chadwick, L. Chen**, B.F. Hobbs, **L.L. Kumpf**, M.P. Lamb, H. Ma, **A.J. Moodie, M.Mullane, K. Naito**, J. A. Nittrouer, and G. Parker (2017), Morphodynamics and Sediment Transport on the Huanghe (Yellow River) Delta: Work in Progress [GC14B-06] presented at 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 Dec.

Milligan, T.G., G.C. Kineke and B.A. Law (2017), Grain Size Separation in Fluid Mud: A Mechanism for the Formation of Graded Beds [EP24C-04] presented at 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 Dec.

Kumpf, L.L, G.C. Kineke, **B.C. Carlson**, **M.M. Mullane** (2017), Mechanisms of Sediment Transport to an Abandoned Distributary Channel on the Huanghe (Yellow River) Delta, China [EP13B-1623] presented at 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 Dec.

Mullane, M., L.L. Kumpf and G.C. Kineke (2017), Assessing the Potential for Sediment Gravity-Driven Underflows at the Currently Active Mouth of the Huanghe Delta [EP13B-1612] presented at 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 Dec.

Moodie, A.J., J.A. Nittrouer, H. Ma, M.P. Lamb, **B. Carlson,** G.C. Kineke, G. Parker (2017)**,** Measuring Density Stratification and Understanding its Impact on Sediment Transport in Fine-grained Rivers, Based on Observations from the Lower Yellow River, China [EP12B-07], presented at 2017 Fall Meeting, AGU, New Orleans, LA, 11-15 Dec.

Lavallee, K., G. Kineke and T. Milligan (2017, Variability of suspended particle characteristics in an energetic estuary: the role of time and discharge, presented at the 24th Biennual Conference Coastal and Estuarine Research Federation, Nov 5-9 2017, Providence, RI

Simans, K., G. Kineke and W.R. Geyer (2017), Residual flow as a driver of suspended-sediment flux in the Connecticut River estuary, presented at the 24th Biennual Conference Coastal and Estuarine Research Federation, Nov 5-9 2017, Providence, RI

Lavallee, K., G.C. Kineke and T. Milligan, Seasonal patterns of cohesive particle characteristics in the Connecticut River estuary, Northeastern Geological Society of America Annual Meeting, March 19-21, 2017, Pittsburgh, PA

Simans, K.J. and G.C. Kineke, Velocity structure and suspended-sediment flux in a highly-stratified estuary, New England Estuarine Research Society Spring Meeting, March 16-18 2017, Groton, CT

Carlson, B., Nittrouer, J., Kineke, G., **Kumpf, L., Ma, H., Moodie, A.**, The coastline evolution of an abandoned deltaic lobe and the fate of its relict distributary channel: a case study from the Huanghe (Yellow River) delta, China, American Geophysical Union Fall Meeting, December 12-16 2016, San Francisco, CA.

Adams, A., Spata, S., Pentaleri, J., O'Connell, A., Shibata, G., Gentile, S., Simans, K., Lavallee, K. and Kineke, G. C, Bottom sediment characterization of the Connecticut River Estuary, Northeastern Geological Society of America, 51st Annual Meeting, March 20-23 2016, Albany, NY.

McKenzie, N., Brown, S., Burns, C., Mitchell, A., Vranos, M., Lavallee, K., Kineke, G. C. and **Simans, K.**, Tides, fronts and sediment transport in the Connecticut River, Northeastern Geological Society of America, 51st Annual Meeting, March 20-23 2016, Albany, NY.

Valentine, K., Kineke, G.C., Ralston, D.K., **Kristiansen, E.R.**, and W.R. Geyer, Bedload transport and bed morphology in the Connecticut River Estuary, Coastal and Estuarine Research Federation 23rd Biennial Conference, November 8-12 2015, Portland, OR.

Kristiansen, E.R., Kineke, G.C., **Valentine, K.**, Milligan, T.G., Geyer, W.R. and D.K. Ralston, The effects of fronts on suspended sediment concentrations in the Connecticut River estuary. Coastal and Estuarine Research Federation 23rd Biennial Conference, November 8-12 2015, Portland, OR (accepted).

Geyer, W.R, Ralston, D.K., Kineke, G.C., Sediment Bypassing and Re-entry in an Estuarine Salt Wedge Regime, American Geophysical Union Fall Meeting, December 15-19 2014, San Francisco, CA.

Kristiansen, E.R., K.M. Valentine, G.C. Kineke, W.R. Geyer, D.K. Ralston, Effects of Fronts on Fine-Sediment Trapping in the Connecticut River Estuary. New England Estuarine Research Society (NEERS) Spring 2014 Meeting, May 1 – 3, 2014, Salem, MA

Valentine, K., E.R. Kristiansen, G.C. Kineke, W.R. Geyer, D.K. Ralston, A Tale of Two Sediment Populations: Characterization of Bottom Sediment in the Connecticut River Estuary. New England Estuarine Research Society (NEERS) Spring 2014 Meeting, May 1 – 3, 2014, Salem, MA

Kineke, G. C., **E.R. Kristiansen**, D.K. Ralston, W.R. Geyer, Fine Sediment Transport in the Connecticut River Estuary. 2014 Ocean Sciences Meeting, February 23-28 2014, Honolulu, HI

Phalen, W., G.C. Kineke, S. Kuehl, T. Dellapena, Sediment Delivery and Dispersal from the Copper River, Alaska, Following Record Snowfall. Northeastern Geological Society of America annual meeting, March 18-20, 2013, Bretton Woods, NH.

Kineke, G.C., T.G. Milligan, A. Hay, B.A. Law, Lutocline Formation and Breakdown in a Muddy Estuary. The Physics of Estuaries and Coastal Seas, August 12-16, 2012. New York, NY.

Cuttler, M.,and Kineke, G. C., Variability of Suspended-Sediment Distribution in the Connecticut River Estuary. 25th Annual Keck Research Symposium in Geology, Amherst College, Amherst, MA. April 2012.

Kineke, G.C., Fine-Sediment Transport in Estuaries and the Coastal Ocean (invited). VI Congreso Nicaraguense de Biotecnologia, April 12-13, 2012, Managua, Nicaragua,

Kineke, G.C. and Bentley S.J., Sediment Delivery and Reworking on the Shallow Louisana Shelf. 2012 Ocean Sciences Meeting, 19-24 February 2012 Salt Lake City, Utah.

Kineke, G.C., The Role of High Concentration Suspensions in Dispersal of River Sediment (*invited*). Source to Sink Systems Around the World and Through Time. American Geophysical Union Chapman Conference, January 24027 2011, Oxnard, California.

Kineke, G.C., Milligan, T. G., Law, B.A., **Heath, K.M.**, 2010. Formation of High Concentration Bottom Suspensions Under Strong Tidal Flows. 2010 Ocean Sciences Meeting, February 22-26 2010, Portland, Oregon.

Kineke, G.C., Bentley, S.J., **Lermon, M.**, **Brandstatter, S.**, Traykovski, P., and J.H. Trowbridge, 2008. Waves, Mud and Buoyancy – Positive Freedbacks on a Muddy Coast, AGU Chapman Conference on Physics of Wave-Mud Interaction, November 17-20, 2008, Amelia Island, Florida, Book of Abstracts p. 12-13.

Bentley, S.J., Maas, K.A., **Brandstatter, S.**, **Johnson, S.**, Kineke, G.C. and **M. Lermon**, 2008. Depositional Processes and Sediment Properties of Fluid Muds on the Inner Shelf: Western Mississippi Delta, Louisiana, USA, AGU Chapman Conference on Physics of Wave-Mud Interaction, November 17-20, 2008, Amelia Island, Florida, Book of Abstracts p. 7-8.

Kineke, G.C., Bentley, S.J., **Lermon, M.**, and **S. Johnson**, 2008. Cold Fronts and Seabed Variability on the Shallow Louisiana Shelf. 2008 Ocean Sciences Meeting, March 2-7, 2008, Orlando, FL, Meeting Abstracts p. 209.

Heath, K.M., Kineke, G.C., Milligan, T.G. and B.A. Law, 2007. Fluid Mud Formation in the Petitcodiac River Estuary, New Brunswick, Canada, Estuarine Research Federation, ERF 2007, November 4-8, 2007, Providence, R.I., Book of Abstracts p.85.

Lermon, M.A., Kineke, G.C., Bentley, S.J., Fredericks, J.J., Girard, A.P., Sisson, J.D., Traykovski, P.A., and J.H. Trowbridge, 2007. Sediment Resuspension During Passage of Cold Fronts on the Inner Shelf, Chenier Plain Coast, Louisiana, Estuarine Research Federation, ERF 2007, November 4-8, 2007, Providence, R.I., Book of Abstracts p.123.

Kineke, G.C., Milligan, T., **Heath, K.**, and B. Law, 2007. High Concentration Suspensions under Strong Tidal Flows, INTERCOH'07, The 9th International conference on Nearshore Estuarine Cohesive Sediment Transport Processes, September 25-28, 2007, Ifremer Brest France. Book of Abstracts p.79-80.

Kineke, G.C., Trowbridge, J.H., **Higgins, E.E.** and **A.E. Draut**, 2006. Fine Sediment Transport on the Louisana Chenier-Plain Coast, *Eos Trans. AGU, 87*(36), Ocean Sci. Meet. Suppl., Abstract OS54N-04.

Hsu, T., Traykovski, P.A. and G.C. Kineke, 2006. Modeling boundary layer and gravity-driven fluid mud transport, *Eos Trans. AGU, 87*(36), Ocean Sci. Meet. Suppl., Abstract OS35E-20.

Nittrouer, C., **Lomnicky, T.**, Mullenbach, B., Walsh, J., Puig, P., Ogston, A., Parsons, J., Kineke, G., and S. Kuehl, 2006. The Importance of Modern Submarine Canyons as Sediment Conduits on Tectonically Active Continental Margins, *Eos Trans. AGU, 87*(36), Ocean Sci. Meet. Suppl., Abstract OS52A-01.

Kineke, G.C., Milligan, T., **Heath, K.**, and B. Law, 2006. High Concentration Suspensions under Strong Tidal Flows, *Eos Trans. AGU, 87(52)*, Fall Meet. Suppl., Abstract OS22B-04

Clinton, R., Goni, M.A., Gisewhite, R., Monacci, N., Gordon, E., Allison, M. and G. Kineke, 2004. The Effect of Hurricane Lili on the Distribution of Organic Matter in the Inner Louisiana Shelf (Gulf of Mexico, USA). *Eos Trans. AGU, 85*(47), Fall Meet. Suppl., Abstract OS33D-08.

Geyer, W.R., Mullenbach, B.L., Kineke, G.C., Sherwood, C.R., Signell, R.P., Ogston, A.S., Puig, P., and P. Traykovski, 2004. Downwelling dynamics of the western Adriatic Coastal Current. *Eos Trans. AGU, 85*(47), Fall Meet. Suppl., Abstract OS13A-0518.

Kineke, G.C., Sherwood, C.R., Geyer, W.R. and B.L. Mullenbach, 2004. Fine Sediment Distribution in the Western Adriatic Coastal Current. *Eos Trans. AGU, 85*(47), Fall Meet. Suppl., Abstract OS11D-06.

Kineke, G.C., Milligan, T.G., and Geyer, W.R., 2003. Variable Particle Characteristics at Estuarine Fronts. Proceedings: 17th Biennial Conference of the Estuarine Research Federation, Seattle, WA, Sep 14-18, 2003.

Alexander, C., Kineke, G. and Venherm, C., 2003. The Estuarine Sedimentary Record of Rapid, Fine-Grained Sediment Accumulation in the ACE Basin NERR, SC. Proceedings: 17th Biennial Conference of the Estuarine Research Federation, Seattle, WA, Sep 14-18, 2003.

Draut, A.E., Kineke, G.C., **Velasco, D.**, Allison, M.A., and **Prime, R.J.**, 2003.Influence of the Atchafalaya River on Stratigraphic Evolution of the Chenier Plain Inner Shelf, Northern Gulf of Mexico. *Eos. Trans. AGU*, 84 (46), Fall Meet. Suppl., Abstract H52A-1176.

Draut, A.E., Huh, O.K., Moeller, C.C., Grymes, J.M. III, and Kineke, G.C. 2002. Chenier Plain Coast, Louisiana: Seasonal to Decadal-Scale Shoreline Evolution and Response to Episodic Storm Events. *Eos. Trans. AGU*, 83 (47), Fall Meet. Suppl., Abstract OS61A-0200.

Kineke, G.C., 2001. Fine-sediment Dispersal and Accumulation on the Shallow Louisiana Shelf. *Eos. Trans. AGU*, 82(47), Fall Meet. Suppl., Abstract 0S22B-03.

Nittrouer, C.A., **B.A Mullenbach, J.P. Walsh**, S.A. Kuehl, and G.C. Kineke. 2001. Mechanisms for Substantial Sediment and Associated Carbon to Escape Seaward from Present Continental Shelves. American Society of Limnologists and Oceanographers, Aquatic Sciences Meeting, Feb 2001. Albuquerque, NM.

Kineke, G.C. 2001. The Role of Short Time-scale Resuspension Events in Dispersal of Atchafalaya River Sediment on the Shallow Shelf, Gulf of Mexico. Chapman Conference on the Formation of Sedimentary Strata on Continental Margins. American Geophysical Union, June 17-19, 2001. Ponce, Puerto Rico.

Kineke, G.C. and R.W. Sternberg, 2001. Surface and Subsurface Sediment Dispersal from the Sepik River, Papua New Guinea. *Changes in the Marine Environment*. Proceedings of the 2001 meeting of the Australian Marine Sciences Association and the New Zealand Marine Sciences Society, July 3-6, Townsville, Australia.

Velasco, D.W. and G.C. Kineke, 2001. The Spatial Distribution of Fine-grained Unconsolidated Sediments in a Southeastern U.S. Estuary. Proceedings 16th Biennial Conference of the Estuarine Research Federation, Nov 4-8, 2001, St. Petersburg, Florida.

Schultz, P.T., and G.C. Kineke, 2001. Sediment Trapping at Salinity Fronts. Proceedings 16th Biennial Conference of the Estuarine Research Federation, Nov 4-8, 2001, St. Petersburg, Florida.

Kineke, G.C., W.R. Geyer, T.G. Milligan, C.R. Alexander, **A.L. Ramsey**, and **A.C. Blake**, 2001. Sediment Trapping and Localized Mud Accumulation in Two Estuaries, Southeastern, US. Annual Meeting of the Geological Society of America, November 1-10, 2001, Boston Massachusetts.

Draut, A.E., A.E., Kineke, G.C., Allison, M.A., **Velasco, D.W.** and **Schultz, P.T.** , 2001. Localized erosion and progradation along the chenier plain coast, Louisiana. GSA Abstracts with Programs. 33(6), A193-A194.

Yarmey, L. R., G. C. Kineke and **A. L. Ramsey**, 2000. Calibration of Acoustical Instrumentation to Study Suspended Sediments in the Estuarine System of Winyah Bay, SC. The Geological Society of America 35th Annual Meeting Northeastern Section 2000 Abstracts with Programs, 32(1) No. 50041.

Kineke, G.C., R. Geyer, and **A.L.Ramsey**, 2000. Sediment Trapping at Estuarine Fronts. 10th International Biennial Conference on Physics of Estuaries and Coastal Seas, Extended Abstracts. October 7-11, 2000, Norfolk, Virginia. SRAMSOE Report No. 366, Virginia Institute of Marine Science, Gloucester Point, VA, USA, pp. 316-319.

Geyer, W R, G C. Kineke, and P.A. Traykovski, 2000. Influences of River Plumes and Fronts on Shelf Sedimentation. American Geophysical Union Fall Meeting 2000. San Francisco, CA.

Bjorkenstam, S.M, G.C. Kineke and **A. Ramsey**. Physical and economic impacts of dredging and sedimentation in Winyah Bay, SC. The Geological Society of America 34th Annual Meeting Northeastern Section 1999 Abstracts with Programs. 31(2), No. 13521.

Hart, K.A., G.C. Kineke, A. Simoneau, **A. Carlson** and **E. Higgins**. Sediment dispersal from the Atchafalaya River and inner shelf of the Gulf of Mexico. The Geological Society of America 34th Annual Meeting Northeastern Section 1999 Abstracts with Programs. 31(2).

Carlson, A.R. and G.C. Kineke. Sediment trapping and transport in the ACE Basin, SC. *EOS, Transactions of the American Geophysical Union 80*(17)(OS51A-08).

Milligan, T.G., G.C. Kineke, and C.R. Alexander. Flocculation and sedimentation in the ACE Basin, South Carolina. 15th Biennial International Conference

Estuarine Research Federation '99 Conference Abstracts, p. 71, September 1999.

Alexander, C.R., T.C. Elfers, T.G. Milligan and G.C. Kineke. Rapid deposition of fine-grained sediments in the ACE Basin National Estuarine Reserve. 15th Biennial International Conference Estuarine Research Federation '99 Conference Abstracts, p. 2, September 1999.

Gordon, E.S., M.A. Goni, and G.C. Kineke. Sources and fate of terrestrial organic matter in the northern Gulf of Mexico.15th Biennial International Conference Estuarine Research Federation '99 Conference Abstracts, p. 40, Sept.1999.

Ramsey, A.L. and G.C. Kineke. Suspended sediment observations in Winyah Bay, South Carolina. 15th Biennial International Conference Estuarine Research Federation '99 Conference Abstracts, p. 83, September 1999.

Patchineelam, S.M., B. Kjerfve and G.C. Kineke. Dynamics of the estuarine turbidity maximum zone in Winyah Bay, South Carolina. 15th Biennial International Conference Estuarine Research Federation '99 Conference Abstracts, p. 78, September 1999

Kineke, G.C., **A.R. Carlson**, T. Milligan and C.R. Alexander. Sediment Trapping in the ACE Basin, SC. 15th Biennial International Conference Estuarine Research Federation '99 Conference Abstracts, p. 55, September 1999.

Milligan, T.G., G.C. Kineke and C.R. Alexander. Flocculation and the Transport ad Deposition of Fine-Grained Sediment in the ACE Basin, South Carolina, Eos Trans. AGU, 80(49), Ocean Sciences Meet. Suppl., OS281, 1999.

Higgins, E. E. and G.C. Kineke. Effects of a Muddy Bed on Wave Attenuation Along the Gulf Coast of Louisiana, Eos Trans. AGU, 80(49), Ocean Sciences Meet. Suppl., OS186, 1999.

Kineke, G.C. and R.W. Sternberg. Sediment Dispersal from the Sepik River, Papua New Guinea, via Surface and Subsurface Plumes, Eos Trans. AGU, 80(49), Ocean Sciences Meet. Suppl., OS218, 1999.

Kineke, G.C., High Concentration Suspensions in Coastal Sediment Transport: Observations from Field Observations. Coastal Ocean Processes Symposium, Woods Hole Oceanographic Institution, September 1998.

Kineke, G.C., and R.W. Sternberg, 1998. Suspended Sediment Dispersal from the Sepik River, Papua New Guinea. *EOS, Transactions of the American Geophysical Union 79*(1)(OS11I-5).

Geyer, W.R., and G.C. Kineke, Frontogenesis, Sediment Trapping and Gravity Currents in Estuaries. EOS, *Transactions of the American Geophysical Union 78*(46)(H32E-6).

Geyer, W.R., R.P. Signell, and G.C. Kineke. Lateral Trapping of Sediment in a Partially Mixed Estuary. 8th International Conference on Physics of Estuaries and Coastal Seas.

Kineke, G.C. and W.R. Geyer, 1995. The Time Variation of Suspended Sediment in the Lower Hudson River Estuary. Estuarine Research Federation, Fall Meeting, November 13-17, 1995, Corpus Christi, TX

Blanton, J., G. Kineke, C. Alexander, A. Simoneau, and J. Amft, 1995. Mobilization and Deposition of Fluid Mud in a Coastal Plain Estuary. Estuarine Research Federation, Fall Meeting, November 13-17, 1995Corpus Christi, TX

Paulson, B., R.W. Sternberg, D.A. Cacchione, G.C. Kineke, and D.E. Drake, 1993. Tidally induced sediment transport on the Amazon prodelta. In: Proceedings Coastal Zone '93. July 1993, New Orleans, LA.

Kineke, G.C., W.R. Geyer and R.W. Sternberg, 1993. The formation of fluid muds on the Amazon continental shelf. 12th Biennial International Estuarine Research Federation Conference. November, 1993, Hilton Head Island, S.C.

Geyer, W.R. and G.C. Kineke, 1993. Transverse structure of an estuarine turbidity maximum. 12th Biennial International Estuarine Research Federation Conference. November, 1993, Hilton Head Island, S.C.

Kineke, G.C. and R.W. Sternberg, 1992. Fluid muds on the Amazon continental shelf. EOS, *Transactions of the American Geophysical Union 73*(43)(O21D-04).

Sternberg, R.W. and G.C. Kineke. 1990. Tidal resuspension and transport of fine sediment on the inner Amazon continental shelf. *EOS, Transactions of the American Geophysical Union 71*(43) (022D-9).

Kineke, G.C. and R.W. Sternberg. 1990. Spatial and temporal variations of suspended sediment on the Amazon continental shelf. *EOS, Transactions of the American Geophysical Union 71*(43) (022D-10).

Trowbridge, J.H. and G.C. Kineke. 1990. Bottom turbid layers on the Amazon shelf. *EOS, Transactions of the American Geophysical Union 71*(43) (022D-12).

Cacchione, D.A., D.E. Drake, G.C. Kineke and R.W. Sternberg. 1990. GEOPROBE measurements of strong bottom currents and rapid sedimentation on the Amazon prodelta. EOS*, Transactions of the American Geophysical Union 71*(43) (022D-13).

Kineke, G.C. and R.W. Sternberg. 1989. Tidal variations of suspended sediment on the inner Amazon shelf. *EOS, Transactions of the American Geophysical Union 70*(43) (022B-11).

Kineke, G.C. and R.W. Sternberg. 1987. Predicting suspended sediment concentration profiles using various estimates of settling velocity. *EOS, Transactions of the American Geophysical Union 68*(44) (031A-317).

INVITED TALKS

Woods Hole Oceanographic Institution, Coastal Ocean Fluid Dynamics Lab-weekly seminar, July 26, 2019; July 20, 2018

Ocean University of China, The 2nd International Science Workshop of Morphodynamics and Socioeconomic Sustainability of Large River Deltas October 16-20 2017 (delivered by L. Kumpf)

University of New Hampshire, Center for Coastal & Ocean Mapping/Joint Hydrographic Center, invited talk, April 2016, Durham, New Hampshire.

Ocean University of China, College of Marine Geosciences, invited talk, July 2015, Qingdao, China

Ocean University of China, 90th Anniversary Symposium, College of Marine Geosciences, October 15 2014, Qingdao, China

Woods Hole Oceanographic Institution, Coastal Ocean Fluid Dynamics Lab Seminar, July 2013

University of Washington, Friday Harbor Laboratories, Invited Lecturer Marine Sedimentary Processes Research Course, Friday Harbor, San Juan Island, WA. May 2012

VI Congreso Nicaraguense de Biotecnologia, Managua, Nicaragua, April 2012

AGU Chapman Conference: Source to Sink Systems around the World and through Time, Oxnard, CA, January 2011

Woods Hole Oceanographic Institution, Coastal Ocean Fluid Dynamics Lab-weekly seminar, April 2, 2010

AGU Chapman Conference on Physics of Wave-Mud Interaction, Amelia Island, Florida, November 2008

Centre de Formation et de Recherche sur L'Environnement Marin, CNRS - Universite de Perpignan, France, April 2005

Institut de Ciències del Mar (CMIMA-CSIC), Barcelona, Spain, April 2005.

International Workshop on the Dynamics of Fluid Mud Layers in Coastal Waters, Rio de Janeiro, Brazil, May 2003

Louisiana State University, Dept. of Oceanography and Coastal Sciences, Marine Environmental Researchers Seminar, Baton Rouge, LA, November 2003

Woods Hole Oceanographic Institution Geophysical Fluid Dynamics Seminar, April 2002.
Virginia Institute of Marine Science, Phys. Sci. Dept. Seminar, February 2000
Woods Hole Oceanographic Institution, Marine Chemistry and Geochemistry departmental seminar, April 2000
National Science Foundation Margins Source to Sink Workshop, Lake Tahoe, CA, invited talk, September 2000
Tulane University, Dept of Earth Sciences Seminar, December 2000.
Boston University, Department of Earth Sciences, November 1999
University of Massachusetts- Boston, February 1998
Boston College, Department of Geology and Geophysics, March 1997
University of Washington, School of Oceanography, April 1997
CSIRO Australia, Marine Research, Hobart, Tasmania, May 1997
Stennis Space Center, September 1996
College of Charleston, Department of Geology, February 1996
Skidaway Institute of Oceanography, June 1996
Woods Hole Oceanographic Institution, Applied Ocean Physics & Engineering Departmental Seminar, July 1996
Louisiana Universities Marine Consortium, September, 1996
Woods Hole Oceanographic Institution, Applied Ocean Physics & Engineering Departmental Seminar, November 1994.
Massachusetts Institute of Technology, Parsons Laboratory, Environmental Fluid Mechanics Seminar, February 1994
University of South Carolina, Department of Geological Sciences Seminar, February 1994
University of Connecticut, Department of Marine Sciences Seminar, December 1993
SUNY, Stony Brook, Marine Science Research Center, June 1992.

PUBLIC OUTREACH (invited lectures)

Connecticut River Estuary Lecture Series, Connecticut Audubon Society, Essex Meadows, CT, May 2015
Weston Observatory Colloquium Series, October 2006
The Boston Bay Group, Cambridge, MA, January 1998
Explorers Club, South Carolina Chapter, Columbia, September 1995.
Association for Women in Science, South Carolina Chapter, February 1995

TEACHING EXPERIENCE

Boston College, Chestnut Hill, MA. *Living on Water: Coasts, Development and Sea Level Change from Venice to Boston; Coastal Processes; Marine Geology; Oceanography*; *Estuarine Processes; Environmental Systems: Oceans; Environmental Oceanography; Earth Systems Seminar; Environmental Studies Senior Seminar; Environmental Geoscience Senior Research Seminar*.
University of South Carolina, Columbia, SC. Assistant professor, 1995-1997
Coastal Processes, *Geological Oceanography, Estuarine Oceanography* (co-taught); *Chemical Transport in Estuaries and the Coastal Sea*, Graduate Seminar (co-taught), *Origin and Evolution of the Marine Environment* (co-taught), *Undergraduate Research in Estuarine Processes, Geological Seminar Series*

University of Washington, Seattle, WA. teaching assistant, 1986, 1987, 1988, 1991; *Introduction to Field Oceanography*; *Survey of Oceanography*.
Episcopal Academy, Merion, PA. 1984-85; *Earth Science* at 5th, and 9th grade levels.

ACADEMIC

Appointed member, Boston College Core Renewal Committee, 2015 - present.

Graduate Program Director, Boston College, Department of Earth & Environmental Sciences, 2013 – 2014, 2015-2019

Director, Undergraduate Studies, Boston College Department of Geology & Geophysics, 2005 – 2009

Primary Advisor for:
Amy Draut, Woods Hole Oceanographic Institution, Ph. D. degree, June 2003

Philip Orton, University of South Carolina, Masters degree, December 1996
Amy Carlson, Boston College, Masters degree, May 2000
Andree Ramsey, Boston College, Masters degree, August 2000
Eron Higgins, Boston College, Masters degree, May 2003
David Velasco, Boston College, Masters degree, May 2003
Marcel Belaval, Boston College, Masters degree, August 2003
Kathleen Hart, Boston College, Masters degree, December 2006
Kristy Heath, Boston College, Masters degree, May 2009
Kendall Valentine, Boston College, Masters degree, August 2015
Katherine Lavalle, Boston College, Masters degree, August 2017
Kevin Simans, Boston College, Masters degree, December 2018
Ellen Kristiansen, Boston College, Masters degree in progress
Lisa Kumpf, Boston College, Masters degree in progress
Michelle Mullane, Boston College, Masters degree in progress
Aleksandra Ostojic, Boston College, Masters degree in progress

Ph.D. supervisory committee for:
Joseph Smoak, University of South Carolina, 1997
Soraya Patchineelam, University of South Carolina, 1999
Stephen Knowles, University of North Carolina, 1998
Stefka Nikolova, University of South Carolina, 1998
Elizabeth Gordon, University of South Carolina, 2004
Malcolm Scully, Virginia Institute of Marine Science, 2005
Fanghua Xu, SUNY, Stony Brook, 2009

Masters supervisory committee for:
John Jaeger, SUNY, Stony Brook, 1993
Jamie McMahon, University of South Carolina, 1997
Sean Ryan, University of South Carolina, 1997
Sabrina Sanderson, University of South Carolina, 1997
Thom Davidson, Boston College, 2004
Michael Castele, Boston College, 2007
Qing Xian, Boston College, 2009
Benjamin Wilkins, Boston College, 2009
Elizabeth Johnson, Boston College, 2009
Adam Pearson, Boston College, 2010
Stephanie Castle, Boston College, 2013
Maricate Conlon, Boston College, 2013

Austin Nijhuis, Boston College, 2013
Benjamin Daniels, Boston College, 2014
Austin Hopkins, Boston College, 2014
Aakash Ahamed, Boston College, 2014
Eric Hazlinsky, Boston College, in progress
Yahya Abushaheen, Boston College, 2016
Barbara Wortham, Boston College, 2016
Hannah Chambless, Boston College, 2018
Xinyi Zeng, Boston College, in progress

Boston College Undergraduate Senior Theses
Sven Bjorkenstam 1998
Emily Chapp 2002
Kathleen Hart 2002
J. Paul Rinehimer 2004
Meghan Gavin 2010
Christie Hegermiller 2011
Michael Cuttler 2012
Dylan Anderson 2012
William Phalen 2013
Mallory Cotter 2016
Jennifer Wisnewski, 2018
Julia Olson 2019

Presidential Scholars mentor for Victoria Luu 2010-2014

SYNERGISTIC ACTIVITIES

Panelist, Conversation for Institute for Liberal Arts Women in STEM Project, Boston College, October 2018

Councilor (elected position), The Oceanography Society, representing Geological Oceanography, 2013 – 2016.

2014 Ocean Sciences Meeting Scientific Planning Committee. December 2012 to February 2014.

External Reviewer, University of San Francisco. (January 2013 - May 2013). Member of a team of three to review the Environmental Sciences/Environmental Management Programs.

Pre-publication reviewer for textbook, Cambridge University Press, 2010.

Participant: International Conference on Ethics & Sustainability of the Earth sponsored by the Jesuit Institute of Boston College, February 26 – 28, 2009, Chestnut Hill, MA.

Pan-American Advanced Studies Institute, *"Contemporary Issues in Estuarine Physics, Transport and Water Quality,"* July 30- August 14, 2007, Puerto Morelos, Mexico. Guest Lecturer.

Guest Editor (with A.S. Ogston and C.R. Sherwood) for *Continental Shelf Research*, Special Issue in Honor of Richard W. Sternberg's Contributions to Marine Sedimentology, Volume 26, No. 17-18, November 2006.

Gordon Research Conference 2005 – Coastal Ocean Circulation Steering Committee

Ocean Research Conference Steering Committee for Association for the Sciences of Limnology and Oceanography (ASLO)/The Oceanography Society (TOS) Joint Meeting February 2004.

National Academy of Sciences, Ocean Studies Board, Committee on Environmental Information for Naval Use, 2001- 2003.

RiOMar (River Ocean Margins) Steering Committee for a proposed initiative in the Carbon Cycle Science Plan, National Science Foundation.

Guest Editor (with W.R. Geyer) for a Special Issue of *Estuaries* on the Processes and Products of the Estuarine Turbidity Maximum. October 2001.

CoOP (Coastal Ocean Processes, National Science Foundation) Scientific Steering Committee 1998-2001.

Department of Defense Graduate Fellowship Panel Member 1996, 1997

Served as a consultant for the Benthic Impact Experiment (NOAA funded). Involved modifying, testing, and calibrating Optical Backscatterance Sensors for use in the deep sea and participated in a two week test cruise on the Soviet research vessel YUZMORGEOLOGIYA, 1991.

Member:
American Geophysical Union, The Oceanography Society, Coastal and Estuarine Research Federation

Pre-publication reviewer for:
Journal of Geophysical Research, Continental Shelf Research, Marine Geology, Journal of Physical Oceanography, GeoMarine Letters, Journal of Sea Research, Journal of Environmental Engineering, Journal of Hydraulic Engineering, Water Resources Research, Oceanologica Acta, Limnololgy & Oceanography, Estuarine, Coastal and Shelf Science, Journal of Atmospheric and Oceanic Technology, Sedimentology, Estuaries, Geophysical Research Letters, Ocean Dynamics, Ocean Engineering.

Grant proposal reviewer for National Science Foundation (~4-6 proposals/year), occasional panel member.

Grant proposal reviewer for American Chemical Society, SERDP, and various Sea Grant programs.

Chief Scientist on Oceanographic Research Cruises:

May 1990	R/V COLUMBUS ISELIN, Brazil (7 days)
Mar 1997	R/V PELICAN, Gulf of Mexico (7 days)
Oct 1997	R/V PELICAN, Gulf of Mexico (7 days)
Mar 1998	R/V PELICAN, Gulf of Mexico (7 days)
Apr 1998	R/V PELICAN, Gulf of Mexico (7 days)
May 1998	R/V COASTAL II, Winyah Bay, SC (7 days)
Mar 1999	R/V PELICAN, Gulf of Mexico (14 days)
Jun 1999	R/V SUSAN HUDSON, Winyah Bay, SC, (10 days)
Jun 2000	R/V SUSAN HUDSON, Winyah Bay, SC, (10 days)
Mar 2001	R/V PELICAN, Gulf of Mexico (14 days)
Mar 2002	R/V SUSAN HUDSON, Winyah Bay, SC, (10 days)
Feb 2003	R/V DALLAPORTA, Adriatic Sea, (7 days)
Feb 2007	R/V ACADIANA, Gulf of Mexico (4 days)
Mar 2007	R/V ACADIANA, Gulf of Mexico (4 days)
Apr 2007	R/V ACADIANA, Gulf of Mexico (4 days)
Feb 2008	R/V ACADIANA, Gulf of Mexico (4 days)
Mar 2008	R/V ACADIANA, Gulf of Mexico (4 days)
Apr 2008	R/V ACADIANA, Gulf of Mexico (4 days)
Mar 2010	R/V ACADIANA, Gulf of Mexico (3 days)
Apr 2010	R/V ACADIANA, Gulf of Mexico (3 days)
May 2013	R/V LOWELL WEICKER, Connecticut River (5 days)
Nov 2013	R/V LOWELL WEICKER, Connecticut River (5 days)
May 2014	R/V LOWELL WEICKER, Connecticut River (5 days)
Sep 2015	R/V TIOGA, Connecticut River (4 days)