

**Barry D. Keim – CV**  
**Professor**  
**October 2025**

**Louisiana State University**

**Education**

Ph.D. Geography (1994) Louisiana State University  
Dissertation: *Temporal and Synoptic Analyses of Heavy Rainfall in the Southeastern United States*

M.S. Geography (1990) Louisiana State University  
Thesis: *Synoptic Weather, Frequency, and Magnitude Analyses of Heavy Rainfall in New Orleans, Louisiana: 1871-1989*

B.A. Geography (1987) University of New Orleans

**Employment History**

*LSU-Health Sciences Center*

Sep 2024-	Professor, School of Public Health
Sep 2024-	Director, Environmental Health, Climate, and Sustainability Program

*Louisiana State University:*

Aug 2009-Sep 2024	Professor
Aug 2003-Dec 2023	Louisiana State Climatologist
May 2020-May 2021	Chair of Department
Aug 2014-Sep 2024	Richard J. Russell Professor
Aug 2010-Aug 2013	Fred B. Kniffen Professor
Aug 2006-Aug 2009	Associate Professor with Tenure
Aug 2005-Aug 2009	Associate Professor in Geography and Anthropology
Aug 2002-Aug 2005	Assistant Professor – Research in Geography and Anthropology
Aug 2002-Aug 2003	Regional Climatologist, Southern Regional Climate Center

*University of New Hampshire:*

Aug 1999-Aug 2003	Associate Professor in Geography with Tenure
Aug 1999-Aug 2003	Research Associate Professor in the Institute for the Study of Earth, Oceans, and Space - Climate Change Research Center
Aug 1997-Aug 1999	Assistant Professor in Geography
Aug 1997- Aug 2003	Adjunct Assistant/Associate Professor in Earth

Aug 1996-Aug 1999	Science Adjunct Research Assistant Professor in the Institute for the Study of Earth, Oceans, and Space - Climate Change Research Center
Aug 1994- Aug 2003	New Hampshire State Climatologist
Aug 1994-Aug 1997	Lecturer in Geography
<i>Since 18<sup>th</sup> Birthday</i>	
Jun 1987-May1994	Graduate Student at LSU
Aug 1981-Aug1987	Undergraduate Student at UNO and LSU

### **Publications - Books**

Keim, B.D., and R.A. Muller. 2009. *Hurricanes of the Gulf of Mexico*. Louisiana State University Press: Baton Rouge, Louisiana, 232 pp.

Zielinski, G.A., and B.D. Keim. 2003. *New England Weather, New England Climate*. University Press of New England: Hanover, New Hampshire, 296 pp.

Faiers, G.E., B.D. Keim, and R.A. Muller. 1997. *Rainfall Frequency/Magnitude Atlas for the South-Central United States*. Geoscience Publications: Baton Rouge, Louisiana, 40 pp.

### **Publications - Refereed Journal Articles Submitted**

Brown, V.M., Haberlie, A.M., Keim, B.D. **Submitted**. Using the Analysis of Record for Calibration to Estimate Daily Rainfall Characteristics Across Louisiana. *Journal of Hydrometeorology*.

Brown, V.M., DeFee, B.B., Thompson, D.T., Osland, M.J., Simson, C.I., and Keim, B.D., *In Review*. Tropicalization of the Temperate Zone: Warming Winter Temperatures across the Conterminous United States. *Environmental Research: Communications*.

### **Publications - Refereed Journal Articles**

100. Brown, V.M., A.B. Haberlie, D.T. Thompson, and B.D. Keim. In Press. Using the Analysis of Record for Calibration to Estimate Sub-Daily Rainfall Characteristics Across Louisiana. *Journal of Hydrometeorology*.

99. Mohamed M, D. Harrington, E. Oral, S. Rahman, S. Cuccia, S. Mukherjee, A. Stelly, B.D. Keim, A. Katner. 2025. High activity urban event impacts local air quality of the Claiborne Corridor in New Orleans, LA. *Journal of the Louisiana Public Health Association* 5(2), Article 9.

98. Sitzman, A., V.M. Brown, B.D. Keim, and J.H. Spencer. 2025. Heavy Rainfall and New Orleans Neutral Ground Parking Decisions. *Urban Water Journal* 22(8):907-921.
97. Keim, B.D. 2025. Louisiana – The Canary in the Climate Change Coal Mine. *Journal of the Louisiana Public Health Association* 5:3-6
96. Cuccia S., Harrington D., Mohamed M, Oral E., Rahman S., Keim B. D., Katner A. 2025. Wildfire impacts on New Orleans air quality: October 2024. *Journal of the Louisiana Public Health Association* 5:7-12.
95. Keim, B.D., L.C. Hamilton, V.M. Brown, P.J. Klotzbach, A.B. Lewis, and D.T. Thompson. 2024. Lengthening Hurricane Seasons with Earlier Storm Formation Dates Including Implications from 2020. *Journal of Climate* 37(24):6699-6712.
94. Trepanier, J.C., J. Nielsen-Gammon, V.M. Brown, B.D. Keim, D.T. Thompson. 2024 Stalling North Atlantic Tropical Cyclones. *Journal of Applied Meteorology and Climatology* 63(11):1409-1426.
93. Brown, V.M., Black, A.W., Hultstrand, D.M., Keim, B.D., Kappel W.D., Thompson, D.T., and Sitzman, A.K., 2024. Rainfall Analysis of the May 2021 Southeastern Texas and Southern Louisiana Flood. *Physical Geography* 45(6):626-649.
92. Thompson, D.T., Keim, B.D., Brown, V.M., 2024. Construction of a Tropical Cyclone Size Dataset using Reanalysis Data. *International Journal of Climatology* 44(9):3028-3053.
91. Dey, H., W. Shao, H. Moradkhani, B.D. Keim, B.G. Peter. 2024. Urban Flood Susceptibility Mapping Using Frequency Ratio and Multiple Decision Tree-Based ML Algorithms. *Natural Hazards* 120(11):10365-10393.
90. Day, J., Y.J. Xu, B.D. Keim, V.M. Brown, L. Goisan, M.E. Mann, and J.R. Stephens. 2024. Emerging Climate Threats to the Mississippi River Delta: Moving from Restoration to Adaptation. *One Earth* 7(4):558-571.
89. Lavaud, R., M.K. LePeyre, B. Covillion, J.B. Pollack, V. Brown, T. Palmer, and B.D. Keim. 2024. Predicting Restoration and Aquaculture Potential of Eastern Oysters through an Eco-Physiological Mechanistic Model. *Ecological Modeling* 489, Article Number 110603. DOI: 10.1016/j.ecolmodel.2023.110603
88. Kettle, N., S. Trainor, R. Edwards, D. Antobus, C. Baranowski, T. Buxbaum, K. Berry, M. Brubaker, K. Delong, S. Fries, D. Holen, B.D. Keim, D. Meeker, H. Penn, C. Rosa, M. Thoman, J. Walsh, and J. Ziang. 2023. Building Resilience to Extreme Weather and Climate Events in the Rural Water and Wastewater Sectors. *Journal of the American Water Resources Association* 59:1511-1528.

87. Yin, L.R., L. Wang, B.D. Keim, K. Konsoer, Z.T. Yin, M.Z. Liu, W.F. Zheng. 2023. Spatial and Wavelet Analysis of Precipitation and River Discharge during Operation of the Three Gorges Dam, China. *Ecological Indicators* 154, Article Number 110837. DOI:10.1016/j.ecolind.2023.110837.
86. Bolinger, R.A., V.M. Brown, H.E. Attard, A.M. Bentley, C.M. Fuhrman, K.L. Gleasen, T.A. Joyner, B.D. Keim, A. Lewis, J.W. Nielson-Gammon, C.J. Stiles, W. Tollefson, H.E. Attard, and A.M. Bentley. 2022. An Assessment of the Extremes and Impacts of the February 2021 South-Central U.S. Arctic Outbreak, and how Climate Services can Help. *Weather and Climate Extremes* 36:Article Number 100461.
85. Yin, L.R., L. Wang, B.D. Keim, K. Konsoer, W.F. Wang. 2022. Wavelet Analysis of Dam Injection and Discharge in Three Gorges Dam and Reservoir with Precipitation and River Discharge. *Water* 14(4):Article Number 567.
84. Osland, M.J., P.W. Stevens, M.M. Lamont, R.C. Brusca, K.M. Hart, J.W. Waddle, C.A. Langtimm, C.M. Williams, B.D. Keim, A.J. Terando, E.A. Reyier, K.E. Marshall, M.E. Loik, R.E. Boucek, A.B. Lewis, J.A. Seminoff. 2021. Tropicalization of Temperate Ecosystems in North America: The Northward Range Expansion of Tropical Organisms in Response to Warming Winter Temperatures. *Global Change Biology* 27(13):3009-3034.
83. Grondin, N., and B.D. Keim. 2021. Spatial and Temporal Characteristics of Tropical Cyclone Strikes in the Northeastern Pacific Basin between San Diego, California and Las Peñitas, Nicaragua. *International Journal of Climatology* 41:E2178-E2193.
82. Brown, V.M., M. Shirley, B.D. Keim, B. Marx, and C. Lutz. 2020. Effect of Meteorological Variables on Crawfish Harvest in Louisiana. *Climate Research* 81:15-28.
81. Eachus, J.D., and B.D. Keim. 2020. Content Driving Exposure and Attention to Tweets during Local, High-Impact Weather Events. *Natural Hazards* 103(2):2207-2229. <https://doi.org/10.1007/s11069-020-04078-6>
80. Brown, V.M., Keim, B.D., Kappel, W.D., Hultstrand, D.M., Peyrefitte, A.G., Black, A. W., Steinbilber, K. M., and Muhlestein, G.A. 2020. How Rare was the August 2016 South-Central Louisiana Heavy Rainfall Event? *Journal of Hydrometeorology* 21:773-790.
79. Brown, V.M., B.D. Keim, and A. Black. 2020. Trend Analysis of Multiple Extreme Hourly Precipitation Time Series in the Southeast United States. *Journal of Applied Meteorology and Climatology* 59:427-442.
78. Bartels, R.J., A.W. Black, and B.D. Keim. 2020. Trends in Precipitation Days in the United States. *International Journal of Climatology* 40(2):1038-1048. <https://doi.org/10.1002/joc.6254>

77. Brown, V.M., B.D. Keim, and A. Black. 2019. Climatology and Trends in Hourly Precipitation for the Southeast United States. *Journal of Hydrometeorology* 20(8):1737-1755.
76. Eachus, J. D, and B.D. Keim. 2019. A Survey for Weather Communicators: Twitter Information Channel Preferences. *Weather, Climate, and Society* 11(3):595-607.
75. Brown, V.M., A. Black, and B.D. Keim. 2019. Hourly Rainfall Climatology of Louisiana. *Theoretical and Applied Climatology* 137(3-4):2011-2027.
74. Nazanin, C., C. Li, K. Xu. M.N. Allahdadi, E.L. Hestir, and B.D. Keim. 2019. A Numerical Study of Sediment Dynamics over Sandy Point Dredge Pit, West Flank of the Mississippi River, during a Cold Front Event. *Continental Shelf Research* 183:38-50.
73. Shao, W., B.D. Keim, S. Xian, and R. O’Conner. 2019. Flood Hazards and Perceptions – A Comparative Study of Two Cities in Alabama. *Journal of Hydrology* 569:546-555.
72. Xue, G.Z., D.J. Gochis, W. Yu, B.D. Keim, R.V. Rohli, Z. Zang, K. Sampson, A. Dugger, D. Sathiaraj, and Q. Ge. 2018. Modeling Hydroclimatic Change in Southwest Louisiana Rivers. *Water* 10(5), 596. <https://doi.org/10.3390/w10050596>.
71. Keim, B.D., W.D. Kappel, G.A. Muhlstein, D.M Hultstrand, T.W Parzybok, A.B. Lewis, E.M. Tomlinson, and A.W. Black. 2018. Assessment of the Extreme Rainfall Event at Nashville, Tennessee and the Surrounding Region on May 1-3, 2010. *Journal of American Water Resources Association* 54(2):1001-1010. DOI:10.1111/1752-1688.12657.
70. Gilliland, J.M., and B.D. Keim. 2018. Position of the South Atlantic Anticyclone and its impact on Surface Conditions across Brazil. *Journal of Applied Meteorology and Climatology* 57(3):535-553. DOI: [10.1175/JAMC-D-17-0178.1](https://doi.org/10.1175/JAMC-D-17-0178.1)
69. Gilliland, J. M., and B.D. Keim. 2018. Surface Wind Speed: Trend and Climatology of Brazil from 1980–2014. *International Journal of Climatology* 38(2):1060-1073.
68. Shao, W., S. Xian, B. Keim, K. Goidel, N. Lin. 2017. Understanding Perceptions of Changing Hurricane Strength Along the U.S. Gulf Coast. *International Journal of Climatology* 37(4):1716-1727. DOI:10.1002/joc.4805.
67. Allard, J.M., J.V. Clarke, and B.D. Keim. 2016. Spatial and Temporal Patterns of *In Situ* Sea Surface Temperatures within the Gulf of Mexico from 1901–2010. *American Journal of Climate Change* 5:314-343. DOI:10.4236/ajcc.2016.53025.
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65. Hamilton, L.C, J. Hartter, B.D. Keim, A.E. Boag, M.W. Palace, F.R. Stevens, M.J. Ducey. 2016. Wildfire, Climate and Perceptions in Northeast Oregon. *Regional Environmental Change* 16:1819-1832. DOI:10.1007/s10113-015-0914-y.
64. Shankman, D., and B.D. Keim. 2016. Flood Risk Forecast for China's Poyang Lake Region. *Physical Geography* 37(1):88-91.
63. Trepanier, J.C., M.J. Roberts, and B.D. Keim. 2015. Trends and Spatial Variability in Dry Spells Across the South-Central United States. *Journal of Applied Meteorology and Climatology* 54:2261-2272. DOI: <http://dx.doi.org/10.1175/JAMC-D-14-0319.1>
62. Lewis, A.B., and B.D. Keim. 2015. History and Applications of Manual Synoptic Classification. *Earth Systems and Environmental Sciences*. Reference Module. DOI: <http://dx.doi.org/10.1016/B978-0-12-409548-9.09521-X> 1
61. Needham, H.F., B.D.Keim, and D. Sathiaraj. 2015. A Review of Tropical Cyclone-Generated Storm Surges: Global Data Sources, Observations and Impacts. *Reviews of Geophysics* 53(2):545-591.
60. Powell, E.J., and B.D. Keim. 2015. Trends in Daily Temperature and Precipitation Extremes for the Southeastern United States: 1948-2012. *Journal of Climate* 28:1592-1612. DOI: <http://dx.doi.org/10.1175/JCLI-D-14-00410.1>
59. Lewis, A.B., and B.D. Keim. 2015. A Hybrid Procedure for Classifying Synoptic Weather Types for Louisiana. *International Journal of Climatology* 35:4247-4261 DOI: 10.1002/joc.4283
58. Allard, J.M., C.R. Thompson, and B.D. Keim. 2015. How Robust is the Pre-1931 National Climatic Data Center - Climate Divisional Dataset? Examples from Georgia and Louisiana. *Theoretical and Applied Climatology* 120(1-2):323-330. DOI 10.1007/s007.
57. Needham, H.F., and B.D. Keim. 2014. Correlating Storm Surge Heights with Tropical Cyclone Winds at and before Landfall. *Earth Interactions* 18:1-26. DOI: <http://dx.doi.org/10.1175/2013EI000527.1>.
56. Needham, H.F., and B.D. Keim. 2014. An Empirical Analysis on the Relationship between Tropical Cyclone Size and Storm Surge Heights along the U.S. Gulf Coast. *Earth Interactions* 18:1-15. DOI: <http://dx.doi.org/10.1175/2013EI000528.1>.
55. Shao, W., B.D. Keim, J.C. Garand, and L.C. Hamilton. 2014. Weather, Climate, and the Economy: Explaining Risk Perceptions of Global Warming. *Weather, Climate and Society* 6(1):119-134.
54. Needham, H.F., B.D. Keim, D. Sathiaraj, and M. Shafer. 2013. A Global Database of Tropical Storm Surges. *EOS Transactions, American Geophysical Union* 94 (24), 213-214. DOI: 10.1002/2013EO240001.

53. Miot da Silva, G., Martinho, C.T., Hesp, P.A., Keim, B.D., and Ferligo, Y., 2013. Changes in dunefield geomorphology and vegetation cover as a response to local and regional climate variations. *Journal of Coastal Research* Special Issue 65: 1307- 1312.
52. Nogueira, R.C., B.D. Keim, D.P. Brown, and K.D. Robbins. 2013. Variability of Rainfall from Tropical Cyclones in the Eastern USA and its Association to the AMO and ENSO. *Theoretical and Applied Climatology* 112:273-283. DOI:10.1007/s00704-012-0722-y.
51. Shankman, D., B.D. Keim, T. Nakayama, R. Li, D. Wu, and C. Remington. 2012. Hydroclimatic Analysis of Severe Floods in China's Poyang Lake Region. *Earth Interactions* 16, Article No. 14. DOI: 10.1175/2012EI000455.1
50. Needham, H.F., and B.D. Keim. 2012. A Storm Surge Database for the U.S. Gulf Coast. *International Journal of Climatology* 32(14):2108-2123. DOI: 10.1002/joc.2425.
49. Shankman, D., C. Lafon, and B.D. Keim. 2012. Western Range Boundaries of Floodplain Trees in the Southeastern United States. *Geographical Review* 102(1):35-52.
48. Keim, B.D., R. Fontenot, C. Tebaldi, and D. Shankman. 2011. Hydroclimatology of the U.S. Gulf Coast under Global Climate Change Scenarios. *Physical Geography* 32(6):561–582. <http://dx.doi.org/10.2747/0272-3646.32.6.561>
47. Nogueira, R., and B.D. Keim. 2011. Contributions of Atlantic Tropical Cyclones to Monthly and Seasonal Rainfall in the Eastern United States 1960–2007. *Theoretical and Applied Climatology* 103(1-2):213-227, DOI: 10.1007/s00704-010-0292-9.
46. Piazza, B.P., M.K. La Peyre, B.D. Keim. 2010. Relating Large-scale Climate Variability to Local Species Abundance: ENSO forcing and Brown Shrimp (*Farfantepenaeus aztecus*) in Breton Sound, Louisiana, USA. *Climate Research* 42:195-207, doi: 10.3354/cr00898.
45. Nogueira, R., and B.D. Keim. 2010. Annual Volume and Area Variations in Tropical Cyclone Rainfall Over the Eastern United States. *Journal of Climate* 23(16):4363-4374, doi: 10.1175/2010JCLI3443.1
44. Keim, B.D. 2010. The Lasting Scientific Impact of the Thornthwaite Water Balance Model. *Geographical Review* 100(3):295-300.
43. Hamilton, L.C., and B.D. Keim. 2009. Regional Variation in Perceptions about Climate Change. *International Journal of Climatology* 29(15):2348-2352. DOI 10.1002/joc.1930.

42. Allard, J., B.D. Keim, J.E. Chassereau, D. Sathiaraj, 2009. Spuriously Induced Precipitation Trends in the Southeast United States. *Theoretical and Applied Climatology* DOI 10.1007/s00704-008-0021-9.
41. Faiers, G.E., B.D. Keim. 2008. Variability in Three-hour and Twenty-Four hour Rainstorm Ratios from Coast to Coast Across the Southern United States. *Journal of Hydrological Engineering* 13(2):101-104.
40. Hamilton, L.C., C. Brown, B.D. Keim. 2007. Ski Areas, Weather and Climate: Time Series Models for New England Case Studies. *International Journal of Climatology* 27:2113-2124. DOI: 10.1002/joc.1502.
39. Keim, B.D., R.A. Muller, and G.W. Stone. 2007. Spatiotemporal Patterns and Return Periods of Tropical Storm and Hurricane Strikes From Texas to Maine. *Journal of Climate* 20(14):3498-3509.
38. D'Almeida, C., C. Vorosmarty, G. Hurtt, J. Marengo, S.L. Dingman, B.D. Keim. 2007. The Effects of Deforestation on the Hydrological Cycle in Amazonia: A Review on Scale and Resolution. *International Journal of Climatology* 27(5):633-647.
37. Allard, J., B.D. Keim. 2007. Spuriously Induced Temperature Trends in the Southeast United States. *Theoretical and Applied Climatology* 88(1-2): 103-110. DOI 10.1007/s00704-006-0229-5.
36. D'Almeida, C., C. Vorosmarty, G. Hurtt, J. Marengo, S.L. Dingman, B.D. Keim. 2006. Hydrological Effects of Deforestation in Amazonia: Lessons from a Water Balance Model. *Journal of Hydrology* 331(1-2):125-136.
35. Keim, B.D., and K.D. Robbins. 2006. Occurrence Dates of North Atlantic Tropical Storms and Hurricanes: 2005 in perspective. *Geophysical Research Letters* 33, L21706, doi:10.1029/2006GL027671.
34. Shankman, D., B.D. Keim, and J. Song. 2006. Flood Frequency in China's Poyang Lake Region: Trends and Teleconnections. *International Journal of Climatology* 26:1255-1266.
33. Stone, G.W., N.D. Walker, S.A. Hsu, A. Babin, B. Liu, B.D. Keim, W. Teague, D. Mitchell, and R. Leben. 2005. Hurricane Ivan's Impacts along the Northern Gulf of Mexico. *EOS Transactions, American Geophysical Union* 86(48):497,500-501.
32. Faiers, G.E., B.D. Keim, K. Jammigumpula, D. Sathiaraj. 2005. Analysis of 3-Hour and 24-Hour Extreme Rainfall in El Paso, Texas. *Pennsylvania Geographer* 43(1):21-31.
31. Keim, B.D., M.R. Fischer, and A. Wilson. 2005. Are there Spurious Precipitation Trends in the United States Climate Division Database? *Geophysical Research Letters* 32, L04702, doi:10.1029/2004GL021985.

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25. Bradbury, J.A., B.D. Keim, and C.P. Wake. 2003. The Influence of Regional Storm Tracking and Teleconnections on Winter Precipitation in the Northeastern United States. *Annals of the Association of American Geographers*, 93(3):544-556.
24. Hamilton, L.C., D.E. Rohall, B.C. Brown, G. Hayward, and B.D. Keim. 2003. Warming Winters and New Hampshire's Lost Ski Areas. *International Journal of Sociology and Social Policy* 23(10):52-73.
23. Miller, S.T.K., and B.D. Keim. 2003. Synoptic-Scale Controls on the Central New England Seabreeze. *Weather and Forecasting* 18(2):236-248.
22. Keim, B.D., A. Wilson, C.P. Wake, and T. Huntington. 2003. Are there Spurious Temperature Trends in the United States Climate Division Database? *Geophysical Research Letters* 30(7):10.1029/2002GL016295.
21. Bradbury, J.A., B.D. Keim, and C.P. Wake. 2002. U.S. East Coast Trough Indices at 500-hPa and New England Winter Climate Variability. *Journal of Climate* 15(23):3509-3517.
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19. Slater, J.F., J.E. Dibb, B.D. Keim, R.W. Talbot. 2002. Light Extinction by Fine Atmospheric Particles in the White Mountain Region of New Hampshire and its Relationship to Air Mass Transport. *Science of the Total Environment* 287(3):221-239.
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Synoptic-Scale Transport and Inter-Annual Variability of Inorganic Ions in Surface Snow at Summit, Greenland, 1992-1996. *Journal of Geophysical Research* 106(D18):20897-20912.

17. Keim, B.D., and G.E. Faiers. 2000. A Comparison of Techniques to Produce Quantile Estimates of Heavy Rainfall in Arid and Mountainous Environments: A Test Case in Western Texas. *Journal of Arid Environments* 44(3):267-276.

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14. Keim, B.D. 1998. Record Precipitation Totals from the Coastal New England Rainstorm of October 20-21, 1996. *Bulletin of the American Meteorological Society* 79(6):1061-1067.

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12. Faiers, G.E., and B.D. Keim. 1997. A Re-Evaluation of Extreme 3-hour and 24-hour Rainfall in Mississippi. *Journal of the Mississippi Academy of Sciences* 42(4):202-211.

11. Keim, B.D. 1997. Preliminary Analysis of the Temporal Patterns of Heavy Rainfall in the Southeastern United States. *The Professional Geographer* 49(1):94-104.

10. Keim, B.D. 1996. Spatial, Synoptic, and Seasonal Patterns of Heavy Rainfall in the Southeastern United States. *Physical Geography* 17(4):313-328.

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8. Keim, B.D., G.E. Faiers, R.A. Muller, J.M. Grymes III, and R.V. Rohli. 1995. Long-Term Trends of Precipitation and Runoff in Louisiana, U.S.A. *International Journal of Climatology* 15:531-541.

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5. Faiers, G.E., B.D. Keim, and K.K. Hirschboeck. 1994. Synoptic Evaluation of Frequencies and Intensities of Extreme Three- and Twenty-Four-Hour Rainfall in Louisiana. *The Professional Geographer* 46(2): 156-163.
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Keim, B.D., A. Wilson, C.P. Wake, and T. Huntington. 2004. Are there Spurious Temperature Trends in the United States Climate Division Database? American Association of State Climatologists Conference, Ithaca, NY, August.

Keim, B.D., L.C. Hamilton, D.E. Rohall, B.C. Brown, and G. Hayward. 2004. Warming Winters and New Hampshire’s Lost Ski Areas. Association of American Geographers Conference, Philadelphia, PA, March.

Muller, R.A., B.D. Keim, and G.W. Stone. 2004. A 100-year Geographical and Temporal Index of Tropical Storm and Hurricane Strikes Along the Atlantic Ocean Coastline of the United States from Maine to Texas. Association of American Geographers Conference, Philadelphia, PA, March.

Mons, E.L., and B.D. Keim. 2003. Ethical Dilemmas and Client Data Services at the U.S. Regional Climate Centers. Association of American Geographers Conference, New Orleans, Louisiana, March.

Keim, B.D. 2003. Are there Spurious Temperature Trends in the United States Climate Division Database. Association of American Geographers Conference, New Orleans, Louisiana, March.

Shankman, D., and B.D. Keim. 2003. Floods in China’s Poyang Lake Region: Trends and Teleconnections. Association of American Geographers Conference, New Orleans, Louisiana, March.

Fujimoto-Strait, A.R., and B.D. Keim. 2002. Using GIS to Analyze World-Wide Trends in Extreme/Heavy Precipitation Events. Southeast Division of the Association of American Geographers, Richmond, VA, November.

Shankman, D. and B. D. Keim. 2002. Floods in China's Poyang Lake Region: Trends and Teleconnections. Southeast Division of the Association of American Geographers, Richmond, VA, November.

Bradbury, J.A., C.P. Wake, and B.D. Keim. 2002. Selecting Suitable Variables for Numerical Prediction Models of New England Winter Hydroclimate. Climate Prediction Assessments Workshop, Alexandria, VA, October.

Harper, G.A., B.D. Keim, J. Gomez. 2002. The Role of a Board of Consultants in Site Specific PMP and PMF Studies. Association of State Dam Safety Officials Conference, Tampa, FL, September.

Keim, B.D. 2002. The AIRMAP Research Initiative: Mapping New England's Weather and Air Quality. Association of American Geographers Conference, Los Angeles, March.

Gillman, J.H., B.J. D'Agostino, T.O. Markle, N.C. Witcraft, J.P. Koermer, and B.D. Keim, 2002. Regional Synoptic Climatology Study of the Mt. Washington Area. Presented at the 13th Symposium on Global Change and Climate Variations, American Meteorological Society, Orlando, Florida, January.

Bradbury, J.A., B.D. Keim, and C.P. Wake. 2001. East Coast Pressure Trough Indices and Winter Climate Variability. Poster presented at the Fall Meeting of the American Geophysical Society Meeting, San Francisco, December.

Keim, B.D., and G.E. Faiers. 2001. Interpretation of Extreme Precipitation at a Construction Site: An Applied Test Case in Northern New Hampshire. Southeast Division of the Association of American Geographers, Lexington, Kentucky, November.

Keim, B.D. 2001. Temperature and Precipitation Trends in New England and New York Since 1895. New England - St. Lawrence Valley Division of the Association of American Geographers Conference, New Bedford, Massachusetts, October.

Bradbury, J.A., S.L. Dingman, L.D. Meeker, and B.D. Keim. 2001. Relations of Large-Scale Atmospheric Circulation Patterns to Streamflow Variability in New England. Poster presented at the Spring Meeting of the American Geophysical Society Meeting, Boston, May.

Keim, B.D., and L.D. Meeker. 2001. Transitions and Seasonal Variations of Boston, Massachusetts Synoptic Weather Patterns. Association of American Geographers Conference, New York, February.

Lee, J., and 15 co-authors including B.D. Keim. 2001. The New England Observation Network: A 21<sup>st</sup> Century Vision for Environmental Monitoring and Science Education in the New England States. American Meteorological Society Symposium, Albuquerque, New Mexico, January.

Markle, T.O., N.C. Witcraft, J.P. Koermer, B.D. Keim, M.K. Politovitch. 2001. A Detailed

Study of the April Observational Data for the Mt. Washington Area over the Past 45 Years. American Meteorological Society Symposium, Albuquerque, New Mexico, January.

Keim, B.D., and S. Miller. 2000. A Comparison of Two Climatologically Unique New England Summers, 1999 and 2000. Southeastern Division of the Association of American Geographers Conference, Chapel Hill, North Carolina, November.

Slater, J.F., J.E. Dibb, B.D. Keim, R.W. Talbot. 2000. Light Extinction by Fine Atmospheric Particles in the White Mountain Region of New Hampshire and its Relationship to Air Mass Transport. Poster presented at the North American Research Strategy for Tropospheric Ozone (NARSTO) Conference, Mexico City, Mexico, October

Keim, B.D., and S. Miller. 2000. A Comparison of Two Climatologically Unique New England Summers, 1999 and 2000. New England - St. Lawrence Valley Division of the Association of American Geographers Conference, Providence, Rhode Island, October.

Keim, B.D. 2000. A Manual Synoptic Climate Classification for the East Coast of New England. Association of American Geographers Conference, Pittsburgh, Pennsylvania, April.

Zielinski, G.A., and B.D. Keim. 2000. A Dual-Classification Scheme for Snow-Producing Nor'easters of New England. Presented at the Northeastern Storm Conference, Saratoga Springs, New York, March.

Keim, B.D. 1999. New England Weather Types. New England - St. Lawrence Valley Division of the Association of American Geographers Conference, Farmington, Maine, October.

Keim, B.D. and G.E. Faiers. 1999. A Comparison of Quantile Estimation Techniques in Arid and Mountainous Environments. Association of American Geographers Conference, Honolulu, Hawaii, March.

Keim, B.D., G.E. Faiers, and R.V. Rohli. 1998. Toward Understanding the Severity of Tropical Cyclone Rainfall in the Eastern United States. Association of American Geographers Conference, Boston, Massachusetts, March.

Keim, B.D., and T. Bakey. 1997. The Coastal New England Rainstorm of October 20-21, 1996 in Perspective. Southeastern Division of the Association of American Geographers Conference, Birmingham, Alabama, November.

Faiers, G.E., and B.D. Keim. 1997. Alternative Approaches to the Huff-Angel and SRCC Extreme Rainfall Frequency/Magnitude Methods. Southeastern Division of the Association of American Geographers Conference, Birmingham, Alabama, November.

Keim, B.D. 1997. Climates of New England: A Resource for Educators. New England - St. Lawrence Valley Division of the Association of American Geographers Conference,

Salem, Massachusetts, November.

Keim, B.D., and J.F. Cruise. 1997. A Parametric Technique for Measuring Trends in Extreme Events. Association of American Geographers Conference, Ft. Worth, Texas, April.

Faiers, G.E., and B.D. Keim. 1997. Selecting Probability Distributions for Extreme 2-, 5-, and 10-day Rainstorms in Louisiana. Association of American Geographers Conference, Ft. Worth, Texas, April.

Keim, B.D., and G.E. Faiers. 1996. Decision-Making in the Derivation of Extreme Rainfall Probabilities. Southeastern Division of the Association of American Geographers Conference, Athens, GA, November.

Faiers, G.E., and B.D. Keim. 1996. A Re-Evaluation of Extreme 3-Hour and 24-Hour Rainfall in Mississippi. Southeastern Division of the Association of American Geographers Conference, Athens, GA, November.

Keim, B.D. 1996. Use of the Poisson Distribution in Geographic Research. New England - St. Lawrence Valley Division of the Association of American Geographers Conference, Worcester, MA, November.

Faiers, G.E., and B.D. Keim. 1996. Topographic Influences on Extreme Rain Events in the South-Central United States. Pennsylvania Geographic Society Conference, Carlisle, PA, October.

Faiers, G.E., B.D. Keim, and R.A. Muller. 1996. Methodological Problems in Extreme Rainfall Frequency-Magnitude Studies. Poster presented at the Association of American Geographers Conference, Charlotte, North Carolina, April.

Keim, B.D. 1996. Temporal Analysis of Heavy Rainfall in the Southeastern United States. Association of American Geographers Conference, Charlotte, North Carolina, April.

Keim, B.D. 1995. A Technique to Measure Temporal Trends in Extreme Events. Southeastern Division of the Association of American Geographers Conference, Knoxville, Tennessee, November.

Keim, B.D., and G.E. Faiers. 1995. Use of Recurrence Intervals in Climatological Analysis. New England - St. Lawrence Valley Division of the Association of American Geographers Conference, Burlington, Vermont, November.

Keim, B.D. 1995. Long-Term Trends of Storm Magnitudes in the Southeastern U.S. Association of American Geographers Conference, Chicago, Illinois, March.

Rohli, R.V., and B.D. Keim. 1995. Extreme High Temperature Events in the South Central U.S. Association of American Geographers Conference, Chicago, Illinois, March.

Faiers, G.E., B.D. Keim, and R.A. Muller. 1995. Summary of the Rainfall Frequency Atlas of the South Central United States. Association of American Geographers Conference, Chicago, Illinois, March.

Keim, B.D., and G.E. Faiers. 1994. Recurrence Intervals of Heavy Rainfall by Season: A Test Case from Louisiana. Southeastern Division of the Association of American Geographers Conference, Virginia Beach, Virginia, November.

Faiers, G.E., and B.D. Keim. 1994. Two-, Five-, and Ten-Day Precipitation for Return Periods of 2 to 100 Years. Southeastern Division of the Association of American Geographers Conference, Virginia Beach, Virginia, November.

Keim, B.D. 1994. Spatial and Temporal Trends in Storm Frequencies in the Southeastern United States. Southwest Division of the Association of American Geographers Conference, Hot Springs, Arkansas, October.

Keim, B.D. 1994. Temporal and Spatial Interpretations of Storm Frequencies: Southeastern U.S. Association of American Geographers Conference, San Francisco, California, April.

Faiers, G.E., and B.D. Keim. 1994. Synoptic Climatology of Extreme Rainfall in the South Central United States. Association of American Geographers Conference, San Francisco, California, April.

Mosher, A.E., and B.D. Keim. 1994. Changing Face of New Orleans: Canal Street, 1887 - 1994. Association of American Geographers Conference, San Francisco, California, April.

Keim, B.D. 1993. Synoptic and Seasonality Interpretations of Heavy Rainfall in the Southeastern United States. Southeastern Division of the Association of American Geographers Conference, Greensboro, North Carolina, November.

Faiers, G. E., and B. D. Keim. 1993. Extreme 24-Hour Rainfall Frequency-Magnitude Relationships in West Texas. Southeastern Division of the Association of American Geographers Conference, Greensboro, North Carolina, November.

Keim, B.D., G.E. Faiers, R.A. Muller, and J.M. Grymes III. 1993. Long-Term Trends in Rainfall and Runoff in Louisiana. Southwest Division of the Association of American Geographers Conference, Fayetteville, Arkansas, October.

Faiers, G.E., and B.D. Keim. 1993. An Alternative Approach to the Use of Parametric Distributions in the Estimation of Storm Exceedence Probabilities in West Texas. Southwest Division of the Association of American Geographers Conference, Fayetteville, Arkansas, October.

Keim, B.D. 1993. Temporal Analysis of Heavy Rainfall in the Southeastern United States. Association of American Geographers Conference, Atlanta, Georgia, April.

Faiers, G.E., and B.D. Keim. 1993. An Analysis of Synoptically-Defined Distributions in the Louisiana Seasonal Extreme 24-hour Rainfall Record. Association of American Geographers Conference, Atlanta, Georgia, April.

Keim, B.D. 1993. Potential Impacts of Global Warming on Flood Hazards in New Orleans, Louisiana. Southwest Division of the Association of American Geographers Conference, New Orleans, Louisiana, March.

Mosher, A.E., and B.D. Keim. 1993. Changing Face of Canal Street in New Orleans, Louisiana: 1887-1993. Southwest Division of the Association of American Geographers Conference, New Orleans, Louisiana, March.

Faiers, G.E., B.D. Keim, and K.K. Hirschboeck. 1992. A Synoptic Evaluation of Extreme Three and Twenty-Four Hour Rainfall in Louisiana. Southeastern Division of the Association of American Geographers, Louisville, Kentucky, November.

Faiers, G.E., and B.D. Keim. 1992. Synoptically-Defined Mixed Distributions in Partial Duration Rainfall Series in Louisiana. Poster presented at the 1992 Southeast Climate Symposium Sponsored by the Southeastern Regional Climate Center and the South Carolina Water Resources Commission, Charleston, South Carolina, October.

Keim, B.D. 1992. Storm Frequencies and Storm Runoff into Lake Pontchartrain. Basics of the Basin Research Symposium Sponsored by the University of New Orleans and the Lake Pontchartrain Basin Foundation, New Orleans, Louisiana, May.

Keim, B.D. 1992. Design Storms and Recent Heavy Rainfall in the U.S. South. Association of American Geographers Conference, San Diego, California, April.

Muller, R.A., and B.D. Keim. 1991. Monitoring the Status of Climate: Some Difficulties Associated with Sensors and Networks. Southern Weather Data Management Workshop, Atlanta, Georgia, June.

Keim, B.D. 1991. New Orleans Rainstorms: Does One Site Represent the Entire City? Association of American Geographers Conference, Miami, Florida, April.

Keim, B.D. 1990. Frequency and Magnitude of Immense Rainstorms in New Orleans. Association of American Geographers Conference, Toronto, Ontario, Canada, April.

Brooks, J.S., and B.D. Keim. 1987. Downtown Design and Retailing Patterns: The Changing Face of Canal Street, New Orleans, Louisiana 1887-1987. Association of Collegiate Schools of Planning Conference, Los Angeles, California, November.

### **Invited Lectures/Panels**

“Tropicalization of the Temperate Southeastern U.S.” Presented virtually to the Gulf of Mexico Alliance, October 2, 2024.

“Climatology and Meteorology Impacts on Health.” Presented to the Baton Rouge Clean Air Coalition, Baton Rouge, LA, September 18, 2024.

“Louisiana and Texas: Canaries in the Climate Change Coal Mine. Presented to the Department of Environmental and Geosciences Forum Series at Sam Houston State University, May 1, 2024.

“Convective Storms and Climate Change.” Presented at the Inland Marine Underwriters Association Annual Meeting, San Antonio, Texas, April 30, 2024.

“It’s Getting Hot in Here: Planning for Extreme Heat.” Presented at the Center for Planning Excellence (CPEX) 2024 Louisiana Smart Growth Summit, April 25, 2024.

“Extremes in a Changing Climate.” Presented to First Presbyterian Baptist Church Speaker Series, April 10, 2024.

“Louisiana: The Canary in the Climate Coal Mine.” **Keynote Speaker** at the Louisiana Remote Sensing and Remote Sensing and GIS Workshop, Mandeville, LA, April 9, 2024.

“A Freeze Climatology for Southeast Louisiana.” Presented at the GOMCON Meeting in Tampa, FL, February 20, 2024.

“Summer 2023, Hurricanes, Storm Surge, and Heavy Rainfall in a Changing Climate.” Presented to the LifeCity Impact Officer Roundtable, New Orleans, LA, November 9, 2023.

“Climatology and the Built Environment in Louisiana.” Presented at the American Institute for Architecture - Louisiana Conference, New Orleans, LA, September 28, 2023.

“Impacts of Climate Change in Louisiana.” Presented at the Annual Meeting of the National Environmental Health Association, New Orleans, LA, August 1, 2023.

Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate Presented at the Housing and Urban Development Climate Resilience Roundtable, Metairie, LA, July 21, 2023.

“Louisiana Office of State Climatology.” Presented virtually at the Southern Regional Climate Center User Group Meeting, March 8, 2023.

“Role of State Climatologist in Community Resilience.” Presented virtually to the Natural Hazards Resilience Speaker Series, University of North Carolina-Chapel Hill, February 28, 2023.

“NOAA:Climate Change and It’s Projected Impact in Louisiana.” Presented at the Louisiana Resilience Summit, Lafayette, Louisiana, November 16, 2022.

“Louisiana Climate Extremes.” Presented to the Petrochemicals Feedstocks Association of the Americas (PFAA), Lake Charles, Louisiana, October 27, 2022

“Hurricane Season 2022.” Presented to the Lion’s Club of Baton Rouge, July 11, 2022.

“Coastal Hazards.” Presented at the SCIPP Climate Adaptation Summer Academy, Norman, Oklahoma, June 6, 2022.

“Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate” Presented at the Capital Regional Planning Commission annual meeting, Baton Rouge, June 8, 2022.

“Louisiana’s Challenges in a Changing Climate.” Presented at the Louisiana Ag Leadership Conference, New Iberia, Louisiana, November 30, 2021.

“Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate” Presented virtually at the American Public Health Association Annual Meeting, October 24, 2021.

“Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate.” Presented virtually at the EPA Region 7 Stormwater Conference, October 19, 2021.

“Climate Extremes: Impacts on Infrastructure.” Presented to the EPA Region 6 Stormwater Conference in New Orleans, August 10, 2021.

“Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate.” Presented virtually at the Federal Home Loan Bank meeting, Dallas, TX, August 9, 2021.

“Summary of the 2020 Hurricane Season and Forecast for 2021.” Presented virtually at the Hurricane and Extreme Weather LSU Experts Media Briefing, June 14, 2021.

“Weather, Climate, and Litigation.” Presented virtually to the Keogh, Cox Law Firm, Baton Rouge, LA, June 9, 2021.

“Our Uncertain Future in Weather and Climate ” Presented virtually at the Uncertainty Across the Arts and Sciences: A Conversation as part of LSU-Eric Voegelin Institute, March 24, 2021.

“2021 Hurricane Season.” Presented at the Hurricane and Extreme Weather Experts Media Briefing, Baton Rouge, June 15, 2021.

“Tornadoes.” Presented to the Lion’s Club of Baton Rouge, June 7, 2021.

“2020 Hurricane Season.” Presented to the Lion’s Club of Baton Rouge, October 19, 2020.

“Hurricanes, Storm Surge, Heavy Rainfall, and Freezes in a Changing Climate.” Presented virtually to the National Academy of Sciences Gulf Research Program, September 27, 2020.

“Hurricane Signatures.” Presented virtually to the LSU Science Café, August 25, 2020.

“Hurricanes and Storm Surge in a Changing Climate and other SCIPP Projects.” Presented virtually to the Southern Plains Science Seminar, August 12, 2020.

“A Freeze Climatology for Southeast Louisiana.” Presented at the American Society of Sugar Cane Technologists – Louisiana Division Annual Meeting, Baton Rouge, LA, February 4, 2020.

“Heavy Rainfall and Thunderstorms.” Presented to the National Association of State Radio Networks Annual Meeting, Las Vegas, NV, December 10, 2019.

“A Freeze Climatology for Southeast Louisiana.” Presented at the Southeast Climate Adaptation Science Center Annual Meeting, New Orleans, November 14, 2019.

“Southern Climate Impacts Planning Program: A NOAA RISA Team.” Presented at the 2019 NOAA Water Meeting, College Park, Maryland, October 16, 2019.

“Thunder and Lightning.” Presented to the Baton Rouge Chapter of the Lions Club, Baton Rouge, Louisiana, October 7, 2019.

“Hurricane Vulnerability and Precipitation Change in the Southeast US.” Presented to the New Orleans Sewerage and Water Board. New Orleans, Louisiana. September 5, 2019.

“Coastal Vulnerability in a Changing Climate.” Presented to the New Orleans Office of Homeland Security and Emergency Preparedness. New Orleans, Louisiana. August 8, 2019.

“Hurricane History of the Gulf of Mexico.” Presented to the Plaquemines Parish Historical Society, Belle Chasse, Louisiana, August 6, 2019.

“Hurricanes in a Changing Climate.” Presented to the Greater New Orleans (GNO) Clear Air Coalition Meeting, New Orleans, Louisiana, April 30, 2019.

“Coastal Vulnerability in a Changing Climate.” Presented at the Louisiana Ag Leadership Conference, New Iberia, Louisiana, December 4, 2018.

“Overview of Sea Level Rise and Coastal Flood Risk.” Presented at the NAACP Experience, Environmental Climate Justice, Sea Level Rise, Coastal Flood Risk, and Social Vulnerability Training, Southern University, Baton Rouge, Louisiana, October 13, 2018.

“South-Central Louisiana Flooding Event: August 2016.” Presented at the Louisiana Geological Survey Symposium called The Baton Rouge Flood of 2016: What Happened,

What We Did, What We Lost, and What We Learned. Baton Rouge, Louisiana August 13, 2018.

“Media Relations Panel.” Served on Panel for the Early Career Researcher Professional Development Training Workshop. South Central Climate Adaptation Science Center, Baton Rouge, Louisiana, August 10, 2018.

“Baton Rouge Flood August 2016” Presented to the Early Career Researcher Professional Development Training Workshop. South Central Climate Adaptation Science Center, Baton Rouge, Louisiana, August 8, 2018.

“Louisiana Weather and Climate.” Presented to the Annual Meeting of the Coasts, Oceans, Ports, and Rivers Institute, Baton Rouge, Louisiana, April 5, 2018.

“Hurricane Climatology.” Presented to the Louisiana Agricultural Industries Association Annual Meeting, Marksville, Louisiana, October 25, 2017.

“Extreme Events in a Changing Climate.” Presented to the Baton Rouge-Sunrise Rotary Club, Baton Rouge, LA, October 19, 2017.

“Weather Trends – Flooding and Inland Marine Exposures.” Presented to the Inland Marine Underwriters Association Annual Meeting, Braselton, Georgia, May 23, 2017.

“August 2016 Louisiana Rainstorm.” Presented to the Ascension Parish Council, February 23, 2017.

“Hurricanes in a Changing Climate and the August 2016 Louisiana Flood Event.” Presented to the Baton Rouge Roundtable, Baton Rouge, December 8, 2016.

“Louisiana Hurricanes and the August 2016 Louisiana Flood Event.” Presented at the Louisiana Ag Leadership Conference, New Iberia, Louisiana, December 6, 2016.

“Hurricane Climatology and the August 2016 Louisiana Rainstorm.” Presented at the Intercultural Dialogue of Weather, Water, and Climate (LSU), Baton Rouge, Louisiana, November 16, 2016.

“August 2016 Louisiana Flood Event.” Presented at the Workshop entitled Improving Amite River Basin Flood Forecasting and Hazard Analysis, Baton Rouge, Louisiana, October 5, 2016.

“Climate of the South-Central United States: Hot Spot for Extreme Events.” Webinar presented nationally on the CoCoRaHS WxTalk Webinar Series, September 29, 2016.

“The August 11-13, 2016 Storm Event in Louisiana.” Presented to the Baton Rouge Press Club, Baton Rouge, LA, August 29, 2016.

“Hurricanes in Louisiana and Impacts of ENSO.” Presented to the Sugar Research Station Field Day, St. Gabriel, Louisiana, July 20, 2016.

“LSU Climate Center: Hurricanes and El Nino Update.” Presented to the NWS-Integrated Warning Team: Gulf Coast Meeting, New Orleans, LA, July 13, 2016.

“Climate Research and Public Service at LSU.” Presented to the USAID Delegation (Argentina, Brazil, and Chile), Baton Rouge, LA, June 24, 2016.

“Climate Tools and Data Sources: Finding and Viewing Climate Information.” Presented at the South Central Climate Science Center - Climate 101 Workshop for Louisiana Indian Nations, Elton, Louisiana, May 4, 2016.

“Climate of the Gulf Coast.” Presented at the NOAA Digital Coast-Climate Adaptation for Coastal Communities Workshop, Mobile, AL, January 26, 2016.

“GoExtreme at AMS 2016.” Invited Panel Member at the American Meteorological Society Conference, New Orleans, LA, January 14, 2016.

“El Niño.” Presented to the NWS-Integrated Warning Team: Gulf Coast Meeting, New Orleans, LA, October 22, 2015.

“A Climatological Perspective on Hurricane Katrina.” **Plenary Presentation** at the American Society of Dam Safety Officials, New Orleans, LA, September 15, 2015.

“Hurricanes in a Changing Climate.” Presented to the Amite Rotary Club, Amite, LA, August 25, 2015.

“Hurricane Climatology and 2015 Seasonal Forecast” Presented to the Pontchartrain-Maurepas Surge Consortium and Lake Pontchartrain Basin Foundation, Mandeville, LA, June 12, 2015.

“Climate Sector Introduction” Presented to the NWS-Integrated Warning Team: Gulf Coast Kick-Off Meeting, New Orleans, LA, April 21, 2015.

“Hurricanes in a Changing Climate” Presented to the Friday Speakers Forum, Department of Geography at Texas A&M, February 20, 2015.

“Hurricanes and Climate Change.” Presented to the St. Bernard Parish Rotary Club, February 19, 2015.

“Hurricanes in a Changing Climate.” Presented to the Louisiana Ag Leadership Conference, LSU, Baton Rouge, LA, January 6, 2015.

“Hurricane History of the Gulf and East Coast of the United States.” Presented to the Southeast Climate Consortium Fall Planning Meeting 2014, Auburn University, Auburn,

AL, November 19, 2014.

“Hurricanes of the Gulf of Mexico.” Presented to the Poydras House Retirement Community, New Orleans, LA, November 18, 2014.

“Spatial and Temporal Analysis of Hurricane Strikes along the Gulf and Atlantic Coasts.” Presented to the NWS-Shreveport Louisiana Regional Climate Conference, Shreveport, LA, August 26, 2014.

“Dangers of Heat Stress and Lightning to Athletes.” Presented to the Louisiana High School Officials Association Annual Meeting, Thibodeaux, LA, August 15, 2014.

“Temporal and Spatial Patterns of U.S. Hurricane Activity,” Presented at the LSU Science Café, Baton Rouge, LA, May 27, 2014.

“Hurricanes in a Changing Climate,” Presented to the local chapter of the International Facilities Managers Association Monthly Meeting, Baton Rouge, LA, May 20, 2014.

“Coastal Hazards, Risks and Disasters: Enhancing Safety in an Era of Global Change” Invited Panel Member at the Association of American Geographers Conference, Tampa, Florida, April 8, 2014.

“Extreme Events in a Changing Climate.” Presented to the Western Gulf Silvicultural Technology Exchange, Shreveport, LA. December 12, 2013.

“Climate Change and Hurricanes.” Presented to the Ag Leadership Conference, Baton Rouge, LA, December 13, 2012.

“Hurricanes in a Changing Climate,” Presented to the LSU-Department of Civil and Environmental Engineering Seminar Series, October 31, 2012.

“Hurricanes in Mexico.” Presented in a Webinar on Extremes in the Southwest U.S. and Mexico hosted by CLIMAS (NOAA’s Climate Assessment for Southwest –RISA), September 6, 2012.

“Temporal and Geographical Perspectives on Atlantic Hurricanes” Presented to the LSU School for the Coast and the Environment, August 24, 2012.

“Hurricanes in a Changing Climate,” Presented to the Baton Rouge Ham Radio Operators, July 30, 2012.

“Hurricanes.” Presented in a Webinar on *Managing Extremes*, hosted by SCIPP, July 26, 2012.

“Drought in Louisiana.” Presented in a Webinar on *Managing Drought in the Southern Plains*, hosted by SCIPP and NIDIS, February 9, 2012.

“Climate Change” Presented in a Webinar to the PINEMAP (Pine Integrated Network: Education, Mitigation, and Adaptation Project), hosted by the North Carolina State, January 20, 2012.

“Louisiana Drought” Presented in a Webinar on *Managing Drought in the Southern Plains*, hosted by SCIPP and NIDIS, December 11, 2011.

“Hurricane Impacts” **Keynote Address** presented at the National Council for Family Relations Annual Meeting, Orlando, Florida, November 17, 2011.

“Louisiana’s Drought Condition” Presented to the Livingston Parish Cattlemen’s Association, Albany, Louisiana, October 29, 2011.

“Hurricanes of the Gulf of Mexico,” Presented to the LSU Retired Faculty Club, September 12, 2011.

“2011 Hurricane Season” Presented to the Baton Rouge Press Club, Baton Rouge, LA, June 6, 2011.

“Hurricanes and Climate Change: The Gulf Coast Experience.” **Keynote Address** presented at the Groves Conference on Marriage and Family, New Orleans, Louisiana, March 15, 2011.

“Hurricanes of the Gulf of Mexico.” Presented at New Orleans’ Presbytere - Louisiana State Museum - as part of a speaker series entitled “Living with Hurricanes: Katrina and Beyond,” February 17, 2011.

“Hurricanes in a Changing Climate.” Presented to the Coastal Sustainability Studio, Louisiana State University, January 21, 2011.

“Climate Change.” Presented to the Ag Leadership Conference, Baton Rouge, LA, January 4, 2011.

“2010 Hurricane Risks in Louisiana.” Presented at the annual ENTERGY Hurricane Preparedness Workshop and Press Release, New Orleans, LA, June 2, 2010.

“Hurricane Issues Related to the BP Oil Spill.” Presented to the Governor’s Office of Homeland Security and Emergency Preparedness, May 27, 2010.

“2010 Hurricane Risks in Louisiana.” Presented at the annual ENTERGY Hurricane Preparedness Meeting, Baton Rouge, LA, May 24, 2010.

“Hurricanes in a Changing Climate.” Presented to the International Studies Program, Louisiana State University, Baton Rouge, LA, April 27, 2010.

“Hurricanes in a Changing Climate.” Presented at the monthly meeting of Louisiana CEOs, Baton Rouge, LA, February 15, 2010.

“Hurricanes in a Changing Climate.” Presented to the Department of Civil and Environmental Engineering Seminar Series, Rice University, January 29, 2010.

“Hurricane Risks in Louisiana.” Presented at the Louisiana Senate - Natural Resources Committee Meeting, Baton Rouge, LA, December 17, 2009.

“NOAA-Regional Integrated Sciences and Assessment.” Proposal Panel Review in Silver Spring, Maryland, December 1-2, 2009.

“Hurricanes of the Gulf of Mexico.” Presented at the Louisiana Book Festival, Baton Rouge, Louisiana, October 17, 2009.

“Hurricanes in the Southeast.” Presented to the Department of Earth Sciences, University of Texas-Arlington, October 1, 2009.

“Gulf Hurricanes” Presented to the Adult Class, Contemporary Christian Concerns, University Methodist Church, Baton Rouge, July 2009.

“Hurricanes in a Changing Climate.” **Keynote Speaker** at the Louisiana Remote Sensing and GIS Workshop, Baton Rouge, LA, April, 2009.

“Hurricane Research at LSU.” Presented at the Spring Luncheon of the LSU College of Arts and Sciences, April, 2009.

“Climate Change: Fact or Fiction” Presented to the Agricultural Leadership Program, LSU, January 6, 2009.

“Hurricanes.” Presented at Nicholls State University Forum Series, October 28, 2008.

“The Global Warming Debate.” Presented at the Nicholls State University Forum Series, March 13, 2008.

“Climate Data and Climate Prediction. Presented to the Louisiana Levee School at LSU, November 29, 2007.

“Hurricanes and Climate Change.” Presented to the Louisiana Department of Environmental Quality, November 27, 2007.

“High Water: Wave of the Future” Served on a Panel on Louisiana Public Broadcasting’s *Louisiana Public Square*, March 28, 2007.

“Global Climate Change: The Status of the Science and Implications for Coastal Louisiana.” Address presented at the 3rd President’s Forum on Meeting Coastal Challenges, March 23, 2007.

“Hurricanes in a Changing Climate” Presented to the Tulane University Department of Earth and Environmental Sciences Seminar, March 2, 2007.

“Living on the Edge of Climate Change” Presented to the American Society for Environmental History, Baton Rouge, LA, March 1, 2007.

“Climate Change.” Presented to the Amite River Basin Commission, February 21, 2007.

“Climate Change: Fact or Fiction” Presented to the Agricultural Leadership Program, LSU, January 9, 2007.

“Climate and Hurricanes.” Presented to the American Meteorological Society-Central Louisiana Chapter, December 13, 2006.

“Research and Service of the Louisiana Office of State Climatology.” Presented at the National Weather Service and Texas A&M School of Government and Public Service Climate Workshop, College Station, TX, August 1, 2006.

“Hurricanes in a Changing Climate.” Presented at the Climate Change Symposium, University of North Carolina-Greensboro, April 7, 2006.

“Hydroclimatology of the U.S. Gulf Coast Under Global Warming Scenarios.” Presented at the Severe Storms: Impact and Disaster Response in Gulf Coast Communities Conference, Rice University, Houston, TX, March 15, 2006.

“Hurricane Katrina in Perspective.” Presented to the LSU Black Law Students Association panel called “Hurricane Katrina: What went wrong? What went right?,” Baton Rouge, LA, October 27, 2005

“Meteorological Overview of Hurricane Katrina and Observations from a Chalmation.” Presented at the Geography and Anthropology Society Panel Discussion entitled Hurricane Katrina: Critical Perspectives on a National Tragedy, Baton Rouge, LA, October 13, 2005.

“Louisiana’s Hurricane Climatology.” Presented to the Amite Rotary Club, Amite, Louisiana, April 26, 2005.

“The Vagaries of Louisiana Climate” Presented to the Canary Islanders Heritage Society of Louisiana, Baton Rouge, LA, February 12, 2005.

“Louisiana Climate and the Coastal Zone.” Presented to the Iberia Parish-Natural Resources Conservation Service Annual Awards Meeting, Avery Island, LA, May 26, 2004.

“Louisiana Climate.” Presented to the KLFY-TV 10 (Lafayette, LA) Hurricane Conference, Lafayette, LA, May 13, 2004.

“The Science Behind the Global Warming Debate.” **Keynote Address** presented to Emissions Marketing Association, 8<sup>th</sup> Annual Spring Meeting, New Orleans, LA, May 3, 2004.

“Research Methods in Climatology.” Presented to the Department of Geosciences, Mississippi State University, November, 2003.

“New England Weather, New England Climate.” Presented to the American Meteorological Society-Central Louisiana Chapter, January 2003.

“Southern Regional Climate Center: An Overview of Capabilities and Activities.” Presented to the Department of Atmospheric Sciences, Texas A&M University, December 2002.

“New England Weather, New England Climate.” **Keynote Address** presented at the Northeast Arc-Users Convention, Bretton Woods, New Hampshire, November 2002.

“New England Drought Assessment 2002.” Presented at the New England Conference of Public Utilities Commissioners, Stowe, Vermont, June 2002.

“New England Weather: If You Don’t Like It, Wait a Minute.” Presented at the Seacoast Science Center - Heritage Dinner Series, Rye, NH, March 2002.

“New England Weather and Climate.” Presented to the Stratham Historical Society, Stratham, NH, March 2002.

“New England Weather: If You Don’t Like It, Wait a Minute” Presented at the Mount Washington Hotel, Bretton Woods, NH, August 2001 and January 2002.

“Climate Change: Fact or Fiction.” Presented at the Balsam’s Hotel Speaker Series, Dixville Notch, NH, March, 2001.

“New England’s Changing Climate.” Presented at the New England Climate Change Indicators Workshop sponsored by Clean Air-Cool Planet, January 2001.

“New Hampshire Climate.” Participant in the Celebrate New Hampshire Culture Festival in Hopkinton, New Hampshire, June 2000.

“Research in Hydroclimatology” Presented to the Water Systems Analysis Group of the Institute for the Study of Earth, Oceans, and Space, UNH, May 2000.

“New England Weather: If you don’t like it, wait a minute”. Presented to the UNH Retired Faculty Association, Durham, NH, May 2000.

“New England Weather: If you don’t like it, wait a minute.” Presented to the Rochester Rotary Club, Rochester, NH, March 2000.

“New England Weather and Climate.” Presented at the Balsam’s Hotel Speaker Series, Dixville Notch, NH, January, 2000.

“New England Weather Types: Implications for Atmospheric Chemistry.” Presented to the UNH Department of Chemistry Forum Series, November 1999.

“New Hampshire Climate.” Participant in the Smithsonian Institution Folklife Festival featuring New Hampshire, Romania, and South Africa, Washington, DC, June 1999.

“Extreme Events in New England’s Changing Climate.” Presented at the Boston Museum of Science Climate Change Lecture Series, May 1999.

“Components of New England Weather and Climate.” Presented to the New England Regional Assessment on Forestry, Water Resources, and Human Health, March and April, 1999.

“A Climatology of New England.” Presented to the UNH President’s Breakfast for the Durham (New Hampshire) Merchants Association, Durham, NH, November 1998.

“A Climatology of New England.” Presentation and Panelist for the Sigma Xi Discussion on New England Climate Change, November, 1998.

“Climate Change in New England.” Presented to the University of New Hampshire - Department of Natural Resources Seminar Series, September 1998.

“New England Weather.” Presented to the Durham, NH Active Retirement Association, April 14, 1998.

“A Look at New Hampshire’s Weather and Climate.” Presented at the Mount Washington World Record Wind Commemoration, April 11, 1998.

“Climate Variability in New Hampshire and its Effect on Groundwater.” Presented to the New Hampshire Water Works Association, November 1997.

“The White House Conference on Global Warming and Climate Change.” Invited Panelist at the University of New Hampshire Post Satellite Downlink Discussion, October 1997.

“Climate Change and New England Extreme Events.” Presented at the New England Regional Climate Change Impacts Workshop, Durham, New Hampshire, September 1997.

“Extreme Events in a Changing Climate.” Presented at the Randolph W. Chapman Colloquium, Department of Earth Sciences, University of New Hampshire, February 1996.

"Global Warming: Fact or Fiction." Presented to the Baton Rouge Chapter of the Sierra Club, May 1991.

"Potential Impacts of a Global-Warming-Induced Sea Level Rise in Louisiana." Presented to the American Meteorological Society-Central Louisiana Chapter, January 1991.

"The Nature of Heavy Rainfall in New Orleans, Louisiana." Presented to the American Meteorological Society-Central Louisiana Chapter, December 1990.

"Potential Impacts of Global Warming and Sea Level Rise in Louisiana." Presented to Governors Roemer (Louisiana) and Thompson (Illinois) at the National Governor's Association Task Force on Global Warming, New Orleans, Louisiana, March 1990.

"Potential Impacts of Global Warming on Coastal Louisiana." Presented at a Special Program Developed by the Union of Concerned Scientists in Association with the American Meteorological Society-Central Louisiana Chapter, November 1989.

## **Dissertations and Theses Directed**

### ***PhD Advisor***

Garfield, B. Department of Geography and Anthropology, LSU  
Dissertation: *Leave It to the People: Position and Positioning of Stakeholders in Top-Down Sustainable Development and Risk Reduction Frameworks from Global to Local Levels*  
(successfully defended in May, 2021, graduated August 2021)

Brown, V. Department of Geography and Anthropology, LSU  
Dissertation: *Hourly Precipitation Climatology of the Southeast United States*  
(successfully defended in May, 2019, graduated August 2019)

Bartels, R. Department of Geography and Anthropology, LSU  
Dissertation: *A Climatology of Precipitation Days Throughout the Contiguous United States*  
(successfully defended in May, 2018, graduated August 2018)

Eachus, J. Department of Geography and Anthropology, LSU  
Dissertation: *Weather Communication on Twitter: Identifying Popular Content and Optimal Warning Format via Case Studies and Survey Analysis*  
(successfully defended in October, 2017, graduated December 2017)

Gilliland, J. Department of Geography and Anthropology, LSU  
Dissertation: *Brazilian Surface and Upper-Level Wind Characteristics Based on Ground and Model Observations from 1980 to 2014*  
(successfully defended March 2017, graduated August 2017)

Needham, H.F. Department of Geography and Anthropology, LSU  
Dissertation: *A Data-Driven Storm Surge Analysis for the U.S. Gulf Coast*  
(successfully defended in March 2014, graduated August 2014)

Powell, E. Department of Geography and Anthropology, LSU  
Dissertation: *Climate Extremes in the Southeastern United States: Observed Trends, Spatial Variability, and Related Planning*  
(successfully defended in December 2013, graduated May 2014)

Shao, W. Department of Geography and Anthropology, LSU  
Dissertation: *Understanding Public Perceptions of Global Warming*  
(successfully defended in May 2012, graduated August 2012)

Boyd, E. C.-K. Department of Geography and Anthropology, LSU  
Dissertation: *Fatalities due to Hurricane Katrina's Impacts in Louisiana.*  
(successfully defended in April 2011, graduated August 2011)

Noguiera, R.C. Department of Geography and Anthropology, LSU  
Dissertation: *Atlantic Tropical Cyclones: Climatology and the Contribution to Monthly and Seasonal Rainfall in the Eastern United States 1960-2007.*  
(successfully defended in December 2008, graduated May 2009)

Miller, S.T.M. Department of Earth Sciences, University of New Hampshire.  
Dissertation: *Climatology of the New England Seabreeze* (successfully defended in September 2003, graduated December 2003).

### ***MS Advisor***

Fazio, J. Department of Geography and Anthropology, LSU  
MS Thesis: *A Geospatial Analysis of Inland Distance Traveled by Gulf of Mexico Hurricanes.*  
(successfully defended March 2024, graduated May 2024)

Sitzman, A. Department of Geography and Anthropology, LSU  
MS Thesis: *Heavy Rainfall and New Orleans Neutral Ground Parking Decisions*  
(successfully defended March 2024, graduated May 2024)

Camarda, S. Department of Geography and Anthropology, LSU  
MS Thesis: *Translation Speed Influence on Tropical Cyclone Storm Tide and Surge Generation Along the Gulf of Mexico Coast.*  
(successfully defended July 2023, graduated December 2023)

Goff, C. Department of Geography and Anthropology, LSU  
MS Thesis: *An Analysis of Hurricane Laura's Storm Surge in Cameron Parish Using Synthetic Storm Tracks, Climatology, and Statistics.*  
(successfully defended in March 2023, graduated May 2023)

Autore, A. Department of Geography and Anthropology, LSU  
MS Thesis: *The Effects of Extreme Weather on Departure Delays at Hartsfield-Jackson Atlanta International Airport 2004–2019*  
(successfully defended in May 2021, graduated August 2021).

Karpinski, M. Department of Geography and Anthropology, LSU  
MS Thesis: *Typing Tornadoes by Storm Mode in the Southeast United States*.  
(successfully defended in October 2020, graduated in December 2020)

Grondin, N. Department of Geography and Anthropology, LSU  
MS Thesis: *Climatology, Variability, and Return Periods of Tropical Cyclone Strikes in the Northeastern and Central Pacific Basins*  
(graduated August 2019)

Thompson, D. Department of Geography and Anthropology, LSU  
MS Thesis: *Construction of a Tropical Cyclone Size Dataset Using Retroactive Analysis Data with a Damage Application*  
(graduated August 2018)

Gauthreaux, R. Department of Geography and Anthropology, LSU  
MS Thesis: *Long-Term Dewpoint Variability in the Southeastern United States with an Emphasis on Extreme Dewpoint Climatology*  
(graduated May 2018)

Collins, C. Department of Geography and Anthropology, LSU  
MS Thesis: *Impacts of ENSO on Tornado Frequency, Intensity, and Geography Across the Eastern United States*  
(graduated May 2017)

Billiot, A. Department of Geography and Anthropology, LSU  
MS Thesis: *A Hybrid Procedure for Classifying Synoptic Weather Types for Louisiana with an Application to Precipitation Variability*.  
(graduated Dec 2013)

Town, H. Department of Geography and Anthropology, LSU  
Thesis: *Saving the Baton Rouge Fresh Water Aquifer From Salt Water Intrusion*  
(graduated May 2013)

Beckage, S. Department of Geography and Anthropology, LSU  
Thesis: *An Analysis of Tropical Storm Surge Trends for the Atlantic Coast of the United States* (graduated August 2012).

Needham, H. Department of Geography and Anthropology, LSU  
Thesis: *Identifying Historic Storm Surges and Calculating Storm Surge Return Periods for the Gulf of Mexico Coast* (graduated May 2010).

Roberts, M. Department of Geography and Anthropology, LSU

Thesis: *Dry Event Trends and Frequencies in the South Central United States*  
(graduated May 2010).

Alexa Andrews, Department of Geography and Anthropology, Louisiana State University.

Thesis Title: *Spatial and Temporal Variability of Tropical Storm and Hurricane Strikes in the Bahamas, and Greater and Lesser Antilles*  
(graduated December 2007)

Michelle Russo, Department of Geography and Anthropology, Louisiana State University

Thesis: *Extreme Precipitation Events in East Baton Rouge Parish: An Areal Rainfall Frequency/Magnitude Analysis*  
(graduated in August 2004)

### ***Senior Honors Thesis Chair***

Chris Dupuis, Physics Department, LSU, 2012.

Thesis: Time Dependence of Bathymetric Effects on Hurricane Storm Surge

Kim Frost, Mathematics Department, University of New Hampshire

Thesis: Recurrence Interval of the Southern NH Snowstorm of March 5-7, 2001.

### ***PhD Committee Member, Deans Representative***

M. Khan, PhD (Renewable Natural Resources, LSU 2018)

J. He, Civil and Environmental Engineering, LSU (2012)

Jennifer Banning, Human Ecology, Louisiana State University (2005)

### ***MS Examining Committee for the following students who have graduated***

A. Shefi (MS Engineering, LSU, 2020)

L. Yin (MS Geography, LSU, 2020)

J. Raihan (MS Geography, LSU, 2018)

J. Brady (MS Geography, LSU, 2017)

A.B. Ferrari (MS, Agriculture, LSU, 2017)

X. Huang (MS, Geography, LSU 2016)

D. Smith (MS, Geography, LSU 2016)

J. Pankasem (MS, Geography, LSU 2016)

P. Algu (MS, Environmental Sciences, LSU 2015)

C. Massara (MS, Engineering Science, LSU, 2012)

J. Fennel (MS, Civil and Environmental Engineering, LSU, 2009)

Sean Hribal (MS, Geography, LSU, 2009)

N. Webb (MS, Meteorology, Plymouth State University, 2009)

J. Thorp (MS, Meteorology, Plymouth State University, 2009)

P. Schmutz (MS, Geography, LSU 2007)

A. Antipova (MS, Geography, LSU, 2007)

N. Vines (MS, Geography, LSU, 2005)

B.T. Allen, (MS, Geography, LSU, 2004)  
A. Babin, (MS, Coastal Studies Institute, LSU, 2004)  
Z. Irons (MS, Earth Sciences, UNH, 2004)  
J.A. Bradbury (MS, Earth Sciences, UNH, 2001)  
E.A. Meyerson (MS, Earth Sciences, UNH, 1999)  
J.F. Slater (MS, Earth Sciences, UNH, 1999)  
J.M. Souney (MS, Earth Sciences, UNH, 2000)  
K.B. Yalcin (MS, Earth Sciences, UNH, 2001).

*PhD examining Committees for the following students who have graduated*

M. Movahednia (Electrical Engineering, LSU, 2023)  
L. Umlang (Biology, LSU, 2023)  
P. Wang, PhD (Civil and Environmental Engineering, LSU 2020)  
N. Chaichitehrani, PhD (Oceanography and Coastal Science, LSU 2018)  
S. Joshi, PhD (Renewable Natural Resources, LSU 2017)  
N. Allahdadi, PhD (Oceanography and Coastal Science, LSU 2014)  
M. Bitton, PhD (Geography, LSU 2013)  
A. Evans, PhD (Geography, LSU 2013)  
B. Edwards, PhD (Geography, LSU, 2013)  
T.A. Joyner (PhD, Geography, LSU, 2013)  
T. Moore (PhD, Geography, Texas State University, 2013)  
A.M. Trevino (PhD, Geography, LSU, 2012)  
Y. Zhu (PhD, Geography, LSU 2007)  
G.S. Bohr (PhD, Geography, LSU, 2004)  
J.F. Slater (PhD, Earth Sciences, UNH 2002).  
C.E. Jordan (PhD, Earth Sciences, UNH 1999)  
A.B. Shrestha (PhD, Earth Sciences, UNH 1998)

*Currently Serving as MS or PhD Advisor for the Following:*

Derek Thompson (PhD Candidate)  
Marisa Karpinski (PhD Candidate)  
Arielle Sutton (MS Candidate)  
Sarah Seibold (MS Candidate)  
Jordan Fazio (MS Candidate)

## **Grants Awarded**

Keim, B.D. (P.I), V.M. Brown, and A.B. Lewis. Southern Climate Impacts Planning Program (SCIIP) Phase IV. **Funded** by the National Oceanic and Atmospheric Administration-Coastal and Ocean Climate for \$1,586,105 from September 2021 to August 2026.

Keim, B.D. (P.I), V.M. Brown, A.B. Lewis, A. Haberlie, W. Shao. Planning a Flood Resilient Future for New Orleans, LA. **Funded** by the National Oceanic and Atmospheric Administration-Adaptation Sciences (AdSci) for \$300,000 from September 2021 to August 2023.

Keim, B.D., V.M. Brown, and A.B. Lewis. A roadmap for Developing Resilient Coastal Shellfish Populations: Using Spatial and Process-based Modelling for Restoration Under Current and Predicted Future Water Quality Conditions. **Funded** by the U.S. Department of the Interior for \$299,338 from October 2021 to September 2023.

Keim, B.D. (P.I.). A Comparison of Hurricanes Harvey and Florence on Water Utilities Operations and Planning. **Funded** by the National Oceanic and Atmospheric Administration – Sectorial Applications Research Program for \$107,034 from July 2019 to June 2021.

D’Elia, C. (P.I.), with K.L. DeLong, V.H. Rivera-Monroe, and B.D. Keim. A Proposal to Host the Department of Interior’s South-Central Regional Climate Science Center. **Funded** by the U.S. Department of the Interior for \$642,032 from September 2019 to August 2024.

Keim, B.D. (P.I.), with V. Brown and A.B. Lewis. Filling the Gaps: Climate and Weather Information for Small- and Medium Sized Water Utilities. **Funded** by the National Oceanic and Atmospheric Administration for \$20,000 from November 2019-September 2020.

Keim, B.D. (P.I), A.W. Black, J.R. Edwards, and D. Sathiaraj. Southern Climate Impacts Planning Program (SCIPP) Phase III: Helping Communities Build Resilience to Weather and Climate Extremes. **Funded** by the National Oceanic and Atmospheric Administration-Coastal and Ocean Climate for \$823,986 from September 2018 to August 2021.

Keim, B.D. (P.I), A.W. Black, J.R. Edwards, and M.T. Daigle. Building a More Resilient Coast: Understanding and Adapting to Extreme Events. **Funded** by the National Oceanic and Atmospheric Administration-Coastal and Ocean Climate for \$400,000 from September 2018 to August 2020.

Keim, B.D. (P.I.). Climate Science Organizational Support Services for the U.S. Air Force Civil Engineering Center Energy Resilience Risk Assessment Tool. **Funded** by the National Renewable Energy Laboratory for \$24,473, from May 2018 to September 2018.

Keim, B.D. (P.I.). Building Resilience to Extreme Events and Water Hazard Planning in Remote, Rural Communities. **Funded** by the National Oceanic and Atmospheric Administration-Sectorial Application Research Program for \$55,907 from September 2018 to August 2019.

Edwards, J.R. (P.I), B.D. Keim, A.W. Black, and A.L. Miller, and R.R. Twilley. Communicating Climate Tools to Coastal Stakeholders (CCTCS). **Funded** by Louisiana Sea Grant for \$200,000 from June 2018 to May 2020.

Keim, B.D. (P.I.). Climate Science Organizational Support Services for the Strategic Petroleum Reserve Climate Change Assessment. **Funded** by the National Renewable Energy Laboratory for \$24,930, from August 2016 to July 2017.

Keim, B.D. (P.I.). Louisiana State University Disaster Science and Management Program. **Funded** by the U.S. Department of Homeland Security for \$263,500 from January 2016-June 2018.

Keim, B.D. (P.I.) , with K.D. Robbins, L. Romolo, and A.B.Lewis. Quantifying Future Precipitation in the South Central Region for Stakeholder Planning. **Funded** by the U.S. Department of the Interior, South-Central Climate Science Center for \$120,669. September 2015-August 2017.

Keim, B.D. (P.I.), with Robbins, K.D. Southern Climate Impacts Planning Program (SCIPP) Phase II. **Funded** by the National Oceanic and Atmospheric Administration RISA Program, \$1,784,099, September 2013-August 2018.

Keim, B.D. (P.I.), with Robbins, K.D. Climate Risk Mitigation Program. **Funded** by the National Oceanic and Atmospheric Administration RISA Program, \$1,396,855, September 2008-August 2013.

Keim, B.D. (P.I), with L.A. Carter, and K.D. Robbins. RISA support for regional assessment services at the Southern Climate Impacts Planning Program. **Funded** by the National Oceanic and Atmospheric Administration RISA Program, \$182,274, September 2010-August 2011.

D'Elia, C. (P.I.), with K.D. Robbins, B.D. Keim, V.H. Rivera-Munroy, and C.A. Wilson. A Proposal to Host the Department of Interior's South-Central Regional Climate Science Center. **Funded** by the U.S. Department of the Interior for \$494,647 from October 2011-September 2016.

Keim, B.D. (P.I) "Potential Impacts of Climate Change on the Hydroclimatology of the Northern Gulf of Mexico Coastal Zone." **Funded** by United States Geological Survey for \$15,000, July 2004-December 2005.

Keim, B.D. Are there Spurious Precipitation Trends in the U.S. Climate Divisional Database? **Funded** by the LSU Faculty Research Grant Program for \$9,996, July 2004-June 2005.

Talbot, R., M. Twickler, J. Koermer, B.D. Keim, C. Wake, J. Zebranski, M. Prentice, J. Dibb, R. Keller, and K. Rancourt, (Co-P.I.). "Atmospheric Investigation, Regional Modeling, Analysis and Prediction (AIRMAP): A Continuation Proposal." **Funded** by the National Oceanic and Atmospheric Administration - Office of Atmospheric Research for \$2,513,000, June 2002-August 2003.

Talbot, R., M. Twickler, J. Koermer, B.D. Keim, C. Wake, J. Zebranski, M. Prentice, J. Dibb, R. Keller, and K. Rancourt, (Co-P.I.). "Atmospheric Investigation, Regional Modeling, Analysis and Prediction (AIRMAP): A Continuation Proposal." **Funded** by the National Oceanic and Atmospheric Administration - Office of Atmospheric Research for \$2,000,000, September 2001-August 2002.

Talbot, R., M. Twickler, J. Koermer, B.D. Keim, C. Wake, J. Zebranski, M. Prentice, J. Dibb, R. Keller, and K. Rancourt, (Co-P.I.). "Atmospheric Investigation, Regional Modeling, Analysis and Prediction (AIRMAP)." **Funded** by the National Oceanic and Atmospheric Administration - Office of Atmospheric Research for \$1,706,405, September 2000-August 2001.

Mayewski, P.A., J. Koermer, B.D. Keim, G. Zielinski, C. Wake, J. Zebranski, M. Prentice, and K. Rancourt, (Co-P.I.). "The New England Climate Initiative: A Model for Regional Scale Understanding of Climate." **Funded** by the National Oceanic and Atmospheric Administration-Office of Atmospheric Research for \$2,000,000, September 1999-August 2000.

Wake, C.P., and B.D. Keim (Co-P.I.). "Development of a Multi-Parameter Ice Core Record from Eclipse Dome, St. Elias Mountains, Yukon Territory." **Funded** by the National Science Foundation for \$171,854 for 2 years.

Keim, B.D. (P.I.). "Deriving Return Periods of Heavy Rainfall in Arid and Mountainous Environments: A Test Case in Western Texas." **Funded** by College of Liberal Arts Summer Research Stipends Competition for \$3,000, Summer 1998.

Keim, B.D. (P.I.). "Toward a Better Understanding of the Severity of Tropical Cyclone Rainfall in the Eastern United States." **Funded** by the University of New Hampshire Discretionary Fund Competition for \$6,000, May 1997-June 1998.

Keim, B.D. and J. Schoof (Co-P.I.). "Design and Acquisition of an Automated Climate Station at the University of New Hampshire." **Funded** by the University of New Hampshire - Undesignated Gifts Competition for \$5,950, June 1997-May 1998.

Macdonald, N. J., and B.D. Keim (Co-P.I.). "Addendum to *Changing Weather? Facts and Fallacies about Climate Change and Weather Extremes.*" **Funded** by the Global Climate Coalition for \$1,000, October-November 1997.

Keim, B.D., and G.E. Faiers (co-P.I.). "Extreme Rainfall Frequencies in the South-Central United States." **Funded** by the Southern Regional Climate Center for \$2,400, June, 1996.

Muller, R.A. (P.I.), with G.E. Faiers and B.D. Keim. "Magnitude and Frequency of Excessive Rainfall Events in the South Central United States." **Funded** by the Climate Analysis Center for \$203,695 from 8/1/92 - 5/30/95.

### **Professional Recognition**

2024 Lifetime Achievement Award from the Climate Specialty Group of the American Association of Geographers

2017 LSU Senior Rainmaker Award

2016 LSU Distinguished Faculty Award

Selected as a 2009 LSU “Rainmaker” - one of LSU’s top 100 research and creative faculty.

Selected as a 2008 LSU “Rainmaker” - one of LSU’s top 100 research and creative faculty.

### **Membership in Professional Organizations**

*American Association of State Climatologists, 1994-present*

Nominating Committee 2004-2005

Membership Committee 2008-2009

*Association of American Geographers, 1987-Present*

Climate and Water Resources Specialty Groups

Chair, Climate Specialty Group, 2004-2006

Secretary/Treasurer - Vice Chair: Climate Specialty Group 2002-2004

Chair, Climate Specialty Group Honors Committee 1998-2001

Climate Specialty Group Honors Committee 1995-1998

*American Meteorological Society - Central Louisiana Chapter*

Chair during academic year 1991-1992

Secretary-Treasurer during academic year 1990-1991

### **Editorial Committees**

Serve on Editorial Board of the *Southeastern Geographer*, 2012 –2015.

Serve on Editorial Board of the *Geographical Review*, 2006-2014.

Served on the Scientific Advisory Committee for National Public Radio’s *The Weather Notebook*, 1999-2002.

### **Service as Louisiana State Climatologist (2003-20023) and New Hampshire State Climatologist (1994-2002)**

- Served as an expert witness in numerous trials and depositions.
- Served on 23 Boards of Consultants overseeing Probable Maximum Precipitation Studies across the United States for dam design.
- Provide approximately 50 interviews per year (2003 to Current) to *Louisiana Radio Network*, who provides news for “top and bottom of the hour” to 75 radio station affiliates across Louisiana.

- I was a contributing writer to the *St. Bernard Parish Post Newspaper* - contributing 52 articles in 2012, 52 articles in 2013, 51 articles in 2014, 51 articles in 2015, 51 articles in 2016, and 45 in 2017.
- I was a contributing writer for the *Sunday Citizen* (Dover, NH) newspaper (October 1998 – August 2002)
- I was a contributing writer to the *Portsmouth Herald* (January 1997 – September 1998).

**Appeared in the following Newspapers and Magazines:**

<i>National Geographic</i>	<i>La Nacion (Argentina)</i>
<i>USA Today</i>	<i>Business Day</i> (Thailand's only Business News in English)
<i>Boston Globe</i>	<i>Knoxville News Sentinel</i>
<i>Boston Herald</i>	<i>Kansas City Star</i>
<i>Times-Picayune</i>	<i>Union Tribune</i> (San Diego)
<i>The Advocate</i>	<i>Portland Press Herald</i> (ME)
<i>Seattle Times</i>	<i>Beaumont Enterprise</i> (Texas)
<i>Christian Science Monitor</i>	<i>Sun Sentinel</i> (Ft. Lauderdale, FL)
<i>Entertainment Today</i>	<i>Palm Beach Post</i>
<i>U.S. News and World Report</i>	<i>News Sentinel</i> (Ft. Wayne, IN)
<i>Forbes Magazine</i>	<i>The News Tribune</i> (Tacoma, WA)
<i>New York Times</i>	<i>Charlotte Observer</i>
<i>Reader's Digest</i>	<i>San Jose Mercury News</i>
<i>Wall Street Journal</i>	<i>Worcester Telegram</i> (MA)
<i>Los Angeles Times</i>	<i>Myrtle Beach Sun News</i> (SC)
<i>Washington Post</i>	<i>The Wichita Eagle</i> (KS)
<i>Washington Times</i>	<i>Tallahassee Democrat</i>
<i>Washington Free Beacon</i>	<i>Duluth News Tribune</i> (MN)
<i>New York Daily News</i>	<i>Ft. Wayne News Sentinel</i>
<i>Ledevoir</i> (Montreal, Canada)	<i>Ft. Wayne Journal Gazette</i>
<i>Time Magazine</i>	<i>Monterey County Herald</i> (CA)
<i>San Francisco Chronicle</i>	<i>Macon Telegraph</i> (GA)
<i>Miami Herald</i>	<i>Clarion Ledger</i> (Jackson, MS)
<i>The New Yorker</i>	<i>Wilmington Morning Star</i> (NC)
<i>National Journal</i>	<i>Bloomington Pantagraph</i> (Illinois)
<i>Financial Times</i>	<i>Delta Farm Press</i>
<i>The Gannet News</i>	<i>Wilkes-Barre Times-Leader</i>
<i>Seattle Post Intelligencer</i>	<i>Daily Iberian</i>
<i>Baltimore Sun</i>	<i>Casper Star Tribune</i>
<i>Rhythm and Blues Magazine</i> (UK)	<i>Health and Science News</i>
<i>Johannesburg Mail and Guardian</i> (South Africa)	<i>Sierra Times</i>
<i>Wanadoo</i> (Jordan)	<i>San Luis Obispo Tribune</i> (CA)
<i>Pakistan Observer</i>	<i>The Advocate Magazine</i>

*The Morning Advocate*  
*Akron Beacon Journal* (OH)  
*Columbus Ledger-Enquirer* (GA)  
*Grand Forks Herald* (ND)  
*Enid News and Eagle* (OK)  
*Bradenton Herald* (FL)  
*The Ledger* (Lakeland, FL)  
*Star Telegram* (Dallas)  
*Gainesville Sun* (FL)  
*Belleville News Democrat* (FL)  
*Bridgewater Courier News* (NJ)  
*Herald Today* (FL)  
*Democrat Gazette* (Little Rock, AR)  
*North County Times* (CA)  
*Montgomery Advertiser*  
*The Post and Courier* (Charleston, SC)  
*Turkish Daily News*  
*Tuscaloosa News*  
*Daily Journal* (MS)  
*Tyler Morning Telegraph* (TX)  
*The State* (SC)  
*Pioneer Press* (MN)\  
*Times Daily* (AL)  
*Town Talk Newspapers*  
*Courier* (Houma)  
*Sun Herald* (Biloxi, MS)  
*Cushing Daily Citizen* (OK)  
*Mankato Free Press*  
*The Scotsman*  
*Lexington Herald-Leader* (KY)  
*Denton Record Chronicle* (Denton, TX)  
*Hammond Daily Star*  
*The Conservative Voice*  
*Ft. Worth Star*  
*Ft. Worth Weekly*  
*News Banner* (Covington, LA)  
*Live Science*  
*Canton Repository* (OH)  
*Pakistan Times*  
*Dallas Morning News*  
*Vancouver Sun*  
*Daily Free Press* (Boston)  
*The China Post*  
*The Eagle* (TX)  
*The Tribune* (San Luis Obispo)  
*Press of Atlantic City*

*Arizona Daily Sun*  
*Free New Mexican*  
*Ottawa Citizen*  
*Jefferson Journal* (LA)  
*Greenwire Magazine*  
*The Reflector* (Mississippi State)  
*The Ottawa Recorder* (Canada)  
*Jackson News Tribune*  
*The Kindred Times*  
*Oberlin Times*  
*Hinesberg Journal* (BC, Canada)  
*Brockton News* (NV)  
*Centre Daily* (PA)  
*The Daily Advertiser* (Lafayette, LA)  
*Ruston Daily Leader*  
*Mineral Wells Index* (TX)  
*Ely Times and County* (NY)  
*Aberdeen American News* (SD)  
*Pontotoc Progress* (MS)  
*Denton Record Chronicle* (TX)  
*Mississippi Press* (Pascagoula, MS)  
*Center Daily Times* (PA)  
*News-Star* (Monroe, LA)  
*The Packer* (Weekly for Produce Growers)  
*Lufkin Daily News* (TX)  
*Wired News*  
*Vicksburg Post*  
*Ledger-Enquirer*  
*Pierceland Herald*  
*Sky Valley Journal*  
*Herald News Daily* (the Dakotas)  
*Contra-Costa Times*  
*Daily Leader* (Leesville, LA)  
*The Assumption Pioneer*  
*Tiger Weekly*  
*LSU Today*  
*The Reveille*  
*Toronto Star* (Canada)  
*Farm Journal*  
*St. Bernard Parish Post* (LA)  
*DIG Magazine*  
*Currents Magazine*  
*Farm News*  
*Baton Rouge Business Report*  
*The Nation's Health Magazine*

*The Lens*  
*Arkansas Democrat Gazette*  
*Popular Science*  
*New Scientist Magazine*  
*008 Magazine*  
*Farming Magazine*  
*Delta Farm Press*  
*Democrat Gazette* (Little Rock, AR)  
*Daily Iberian* (New Iberia, LA)  
*Courier* (Houma, LA)  
*Town Talk Newspapers* (Central LA)  
*Union Leader* (Manchester, NH)  
*Foster's Daily Democrat* (Dover, NH)  
*Concord Monitor* (Concord, NH)  
*Portsmouth Herald* (Portsmouth, NH)  
*Yankee Magazine*  
*Post Standard* (Syracuse)  
*Lawrence Eagle Tribune* (MA)  
*Keene Sentinel* (Keene, NH)  
*The Telegraph* (Nashua, NH)  
*The Yale Daily News*  
*Loyola Maroon*  
*The Courier* (Littleton, NH)  
*Berlin Daily Sun*

*Berlin Reporter*  
*Conway Daily Sun*  
*1590 Broadcaster*  
*Exeter Newsletter*  
*Intertown Record*  
*Sun Chronicle* (Attleboro, MA)  
*New Hampshire Market Bulletin*  
*Winter Weekly*  
*The Daily News* (Newburyport, MA)  
*Derry News* (Derry, NH)  
*Laconia Citizen*  
*Lancaster Herald* (Lancaster, NH)  
*Sunday Valley News* (White River Junction, VT)  
*Sun Journal-News* (Norway, ME)  
*Rochester Times*  
*Campus Journal*  
*The New Hampshire*  
*LSU Today*  
*Baton Rouge Daily News*  
*Southeast News*  
*Gueydan Journal*

### **Radio Stations and Programs:**

BBC Radio (2X)  
 Discovery Channel-Satellite Radio  
 Russian National Radio  
 NPR  
 NPR – *On Point* (2X)  
 NPR-*The Weather Notebook* (3X)  
 New Hampshire Public Radio  
 Louisiana Public Radio  
 Maine Public Radio  
 CNN Radio  
 Discovery Channel Satellite Radio  
 ABC News Radio  
 CBS Radio  
 Portuguese National Radio (4X)  
 KMAR-Winnsboro (25X)  
 Associated Press (15X)  
 WJBO-Baton Rouge (42X)  
 Tiger Rag (4X)  
*Jim Engster Show* (5X)

107.3 Baton Rouge (7X)  
 WWL-New Orleans (16X)  
 WRKF-Baton Rouge (5X)  
*The Karen Henderson Show* (14X)  
 WWNO-New Orleans  
*Moon Griffen Show*  
*Louisiana Live* with Don Grady (50X)  
 KMOX-St. Louis  
 WBOK – New Orleans  
 KPLC - Lake Charles  
 The Andre Trevigne Show-WWL  
 WIBR-Radio News (5X)  
 Metro Network (21X)  
 WAXY-Miami  
*The Front Porch* NH Public Radio  
*The Exchange* NH Public Radio (8X)  
*All Things Considered* NH Public Radio  
 WGIR (Manchester, NH)  
 WLNH (Laconia, NH)  
 WOKQ (Portsmouth, NH)  
*Topics of Interest* (WJYY- Portsmouth)

*Talk of the Town* (WKXL - Concord)  
*Morning Attitude* (WSMN–Nashua, NH)

### **Television Stations and Programs**

*FOX News Live*  
*CNN*  
*PBS-Newshour*  
*History Channel (2X)*  
*National Geographic (2X)*  
*Discovery Channel (2X)*  
Canadian Broadcasting Corporation  
(CBC) (2X)  
BBC Television  
BBC World News (2X)  
RTL News Netherlands  
Russian National Television  
WVLA-Channel 33 (3X)  
WYES-TV (New Orleans)  
FOX News 8 TV – New Orleans (3X)  
WBRZ-Channel 2 – Baton Rouge (10X)  
Louisiana Public Broadcasting (15X)  
*This Week in Agriculture* – Louisiana  
KALB-Channel 2 (Alexandria, LA)  
*2une In* WBRZ  
WAFB-Channel 9 (2X)  
KATC-TV (Lafayette)  
*Sunday Journal* WBRZ (17X)  
*As I See It with Clay Young* (WBTR) (5X)  
WDSU News -New Orleans (2X)  
WWLTV  
WLOS News-Raleigh-Durham  
WGNO – New Orleans  
WFLA television, Tampa FL  
M6 (National) Television, Paris, France  
WBZ (Boston)  
New England Cable News (NECN)  
WMUR News Manchester, NH (33X)  
*Chronicle* on WMUR (NH)

*New Hampshire Business* on WMUR  
(NH)  
*New Hampshire Outlook* on NHPTV  
*Quest* on Maine Public TV  
Sinclair Broadcasting Group  
CBS – 60 Minutes

### **Web Content**

VOX  
The Drudge Report  
The Weather Channel  
MSNBC  
*CNBC-Digital*  
ABCNews  
Earth-Observatory (NASA) News  
CBS News  
USA Today  
CNN  
EurekAlert  
Climate Central (3X)  
A.M. Best TV  
ATTN.com  
EE.com  
Farm News  
E&E News  
Verite

### **Documentaries**

GreenWave Environmental  
Pink Triangle Press - Canada  
*On the Brink: Solutions to Global Warming*  
Climatewire of E&E News  
The American Sugarcane League

### **Other Service**

Served as Chair of the Department of Geography and Anthropology, 2020-2021

Served as Interim Chair, Department of Geography, University of New Hampshire, 2001

Served on the College of Humanities and Social Sciences, Promotion and Tenure Committee, Fall 2014-Spring 2017.

Served as Graduate Director for the Department of Geography and Anthropology 2011-2013.

Reviewed 32 candidates going up for promotions to Associate and Full Professor at other Institutions, including Virginia Tech, University of New Hampshire, Texas A&M, Columbia University, University of Nebraska, University of Florida, University of Oklahoma, University of Tennessee, University of Georgia, University of Delaware, University of Maine, University of Nevada, Indiana University, and others.

Reviewed over 140 manuscripts for the following journals:

*Annals of Association of American Geographers:*

*Applied Geography*

*ASDSO (American Society of Dam Safety Officials) Dam Safety Journal*

*Bulletin of the American Meteorological Society*

*Canadian Journal of Forest Research*

*Chinese Science Bulletin*

*CLEAN Soil, Air, Water*

*Climate Dynamics*

*Climate Research*

*Climatic Change*

*Earth Interactions*

*Environmental Communication*

*Environmental Research Letters*

*Environmental Science: Processes and Impacts*

*Geographical Bulletin*

*Geophysical Research Letters:*

*Geographical Review*

*Geoscience and Man*

*Global and Planetary Change*

*Hydrological Processes*

*Hydro Review*

*International Journal of Climatology:*

*International Journal of Environmental Health Research*

*International Journal of Sustainable Transportation*

*Journal of Climate*

*Journal of Arid Environments*

*Journal of Applied Meteorology*

*Journal of Applied Meteorology and Climatology*

*Journal of Atmospheric and Oceanic Technology*

*Journal of Climatology*

*Journal of Geography*

*Journal of Geophysical Research-Atmospheres*

*Journal of Hydrology*  
*Journal of Hydrometeorology*  
*Marine Geodesy:*  
*Marine Geology:*  
*Meteorology and Atmospheric Physics*  
*Northeastern Geographer*  
*Northeastern Naturalist*  
*Physical Geography:*  
*Professional Geographer*  
*Scientific World Journal*  
*Southeastern Geographer*  
*Southwestern Geographer*  
*The Compass*  
*Theoretical and Applied Climatology*  
*Transactions of the Institute of British Geographers*  
*Weather and Climate Extremes*  
*Weather, Climate, and Society*  
*Water Resources Bulletin/Journal of the American Water Resources Association:*  
*Wetlands*

**Also Reviewed Books and Proposals for:**

*United States Geological Survey*  
*Intergovernmental Panel on Climate Change: Special Report on Regional Impacts of Climate Change*  
*Oxford University Press*  
*University of Mississippi Press*  
*National Oceanic and Atmospheric Administration - Climate Transition Program*  
*National Oceanic and Atmospheric Administration - Office of Global Programs*  
*National Oceanic and Atmospheric Administration - Climate and Global Change Program*  
*National Oceanic and Atmospheric Administration - Climate Change Prediction Program*  
*National Science Foundation*  
*Netherlands Organization for Scientific Research*  
*U.S. Army Corps of Engineers-Cold Regions Research and Engineering Laboratory*  
*New Hampshire Comparative Risk Project*

**Teaching Experience**

I taught the following courses over my career:

GEOG 2050: Geography of the Atmosphere  
GEOG 473: Elements of Weather  
GEOG 4013: Meteorology  
GEOG 4014: Climatology  
GEOG 572: Physical Geography

GEOG 7901: Introduction to Graduate Study  
 GEOG 4997: Global Environmental Change  
 GEOG 7917: Environmental Geography  
 GEOG 7917: Climatology of Extreme Events

*Louisiana State University*

	Overall Instructor Ratings	N
GEOG 7917 (Fall 2023)	4.4	9
GEOG 7917 (Fall 2022)	4.6	11
GEOG 7917 (Fall 2021)	4.4	9
GEOG 7917 (Fall 2020)	4.8	10
GEOG 7901 (Fall 2019)	4.8	12
GEOG 7917 (Fall 2019)	4.8	6
GEOG 7901 (Fall 2018)	4.7	13
GEOG 7917 (Fall 2018)	4.6	7
GEOG 7917 (Fall 2016)	4.57	14
GEOG 4997 (Fall 2015)	4.53	10
GEOG 7917 (Fall 2014)	4.71	8
GEOG 4997 (Fall 2012)	4.68	15
GEOG 7917 (Fall 2011)	4.88	12
GEOG 2050 (Fall 2010)	4.47	61
GEOG 7917 (Fall 2009)	4.76	5
GEOG 4997 (Spring 2009)	4.68	7
GEOG 7917 (Spring 2008)	4.85	2
GEOG 4997 (Spring 2007)	4.17	11
GEOG 7917 (Spring 2006)	4.62	9
GEOG 2050 (Fall 2005)	4.43	46
GEOG 4997 (Spring 2005)	4.65	7
GEOG 4014 (Spring 2003)	4.80	30
GEOG 4013 (Fall 2003)	4.80	30

*University of New Hampshire*

	Overall Instructor Ratings	N
GEOG 473 (Fall 1994):	3.95	38
GEOG 473 (Spring 1995):	4.18	22
GEOG 473 (Fall 1995):	4.82	34
GEOG 473 (Spring 1996):	4.82	46
GEOG 473 (Fall 1996):	4.55	49
GEOG 473 (Spring 1997):	4.64	58
GEOG 473 (Fall 1997):	4.78	56
GEOG 473 (Spring 1998):	4.78	69

GEOG 473 (Fall 1998):	4.75	73
GEOG 473 (Spring 1999):	4.53	51
GEOG 473 (Fall 1999):	4.74	67
GEOG 473 (Spring 2000):	4.79	63
GEOG 473 (Fall 2000):	4.60	93
GEOG 473 (Fall 2001):	4.41	71
GEOG 473 (Spring 2002):	4.58	59
GEOG 570 (Spring 1995):	4.62	13
GEOG 570 (Fall 1996):	4.82	22
GEOG 570 (Spring 1998):	4.86	22
GEOG 570 (Spring 2001):	4.54	26
GEOG 572 (Fall 1994):	4.64	14
GEOG 572 (Spring 1996):	4.44	18
GEOG 572 (Fall 1997):	4.83	18
GEOG 572 (Spring 1999):	4.58	31
GEOG 572 (Fall 2000):	4.85	26
GEOG 572 (Spring 2002):	4.71	24
GEOG 573 (Fall 1995):	4.90	10
GEOG 673 (Spring 1997):	4.89	27
GEOG 673 (Fall 1998):	4.59	27