

Curriculum Vitae
Steven L. Namikas
 Associate Professor

Louisiana State University
 Department of Geography and Anthropology
 Baton Rouge, LA 70803
 snamik1@lsu.edu
 Ph: (225) 578-6142
 Fx: (225) 578-4420

Education

Ph.D.	University of Southern California	1999
M.S.	Rutgers, The State University of New Jersey	1992
B.A.	University of Windsor	1988

Professional Experience

Louisiana State University	Associate Professor	2005-present
Louisiana State University	Assistant Professor	2000-05
Louisiana State University	Instructor	1999-00
Texas A&M University	Visiting Instructor	1998-99

Major Areas of Research Interest

Coastal and aeolian geomorphology, beach hydrology, sediment transport, beach micrometeorology, instrumentation and measurement theory and techniques, numerical simulation of geomorphic processes.

Membership in Professional Organizations

Association of American Geographers
 International Society for Aeolian Research
 Coastal Education Research Foundation
 International Geographical Union - Commission on Coastal Systems
 International Association of Sedimentologists

Courses Taught

GEOG 2051 Introduction to Physical Geography: Land, Water, and Animal Realms
 GEOG 2050 Introduction to Physical Geography: Weather and Climate
 GEOG 4018 Geographical Hydrology
 GEOG 4024 Coastal Morphodynamics
 GEOG 4997 Coastal Geomorphology
 GEOG 4070 Environmental Conservation
 GEOG 7911 Environmental Monitoring
 GEOG 7917 Advanced Physical Geography

Graduate Students

Completed:

Masters: Mr. Brandon Edwards (2006), Mr. Phillip Schmutz (2007), Ms. Jessie Cohen (2008)

PhD: Mr. Yuanda Zhu (2008), Mr. Brandon Edwards (2013)

In Progress:

Masters: Mr. Jeremy Lemieux

PhD: Mr. Phillip Schmutz, Ms. Katherine Renken

Committee Member:

Served as committee member for 8 Masters and 17 PhD students.

Funding History

- 2011-2013 *Doctoral Dissertation Research: Investigation of factors controlling the dynamics of beach surface moisture content.* National Science Foundation. \$11,940. (PI, with P. Schmutz Co-PI).
- 2010-2012. *Development of a Surfzone-Beach-Dune Interaction Model for China.* National Natural Science Foundation of China. \$560,000 RMB (~\$80,000 US). (Co-PI, with Y. Dong PI).
- 2009-2011. *Doctoral Dissertation Research: Field Investigation of the Influence of Surface Moisture on the Initiation of Motion in Wind-Blown Sand Transport on Beaches.* National Science Foundation. \$11,578. (PI, with B. Edwards Co-PI).
- 2006-08. *Aeolian Transport Measurement and Modeling of Coastal Dunes in Typical Coastal Dune Fields of China.* National Natural Science Foundation of China. \$430,000 RMB (~\$50,000 US). (Co-PI, with Y. Dong PI).

- 2006-07. *Pilot Study of the Nature of Beach Surface Moisture and its Influence on Wind-blown Sediment Supply to Coastal Dunes on Northern Gulf of Mexico Barrier Islands*. LSU Office of Research & Graduate Studies. Council on Research, Faculty Research Grant Program. (PI). \$9,872.
2006. Faculty Travel Grant Program, Office of Research and Economic Development, LSU, for travel to ICAR-VI: The Sixth International Conference on Aeolian Research, Guelph, ON, Canada. \$1,000.
- 2003-2007. *Field Investigation of the Influence of Bed Texture on Aeolian Saltation*. National Science Foundation, Geography and Regional Sciences Program. \$139,970. (PI).
2005. Junior Faculty Travel Program Grant. Office of Research and Graduate Studies, LSU, for travel to AAG Annual Meeting, Denver, CO. \$500.
- 2004-05. *Field Measurement of the Interaction Between Three-Dimensional Wind Flow Field, Foredune Morphology, and Aeolian Sediment Transport Across the Beach and Foredune*. National Science and Engineering Research Council of Canada. \$24,196. (Co-PI, with R. Davidson-Arnott and four others).
- 2004-05. *Influence of Detached Breakwaters on Shoreline Erosion and Nearshore Processes in Louisiana*. LSU Office of Research & Graduate Studies. Council on Research, Faculty Research Grant Program. \$9,896. (PI).
- 2004-05. *A Pilot Study of the Effectiveness of Artificial Vegetation Mats as a Tool for Coastal Dune Restoration*. LSU Office of Research & Graduate Studies. Council on Research, Summer Stipend Program. \$5,000. (PI).
2004. Junior Faculty Travel Program Grant. Office of Research and Graduate Studies, LSU, for travel to AAG Annual Meeting, Philadelphia, PA. \$750.
- 2003-2005. *Equipment Support for Development of a Research and Teaching Program in Coastal Geomorphology and Dynamics*. Louisiana State Board of Regents. (Co-PI, with P.A. Hesp). \$162,062.
2003. Junior Faculty Travel Program Grant. Office of Research and Graduate Studies, Louisiana State University, for travel to *Coastal Sediments '03*, Clearwater Beach, FL. \$600.
2002. *A Theoretical Investigation of the Influence of Non-Neutral Atmospheric Stratification on Shear Velocity Estimates From Wind Speed Profiles*. Regents Faculty Research Award. Louisiana State Board of Regents. \$3,100. (PI).
2002. Junior Faculty Travel Program Grant. Office of Research and Graduate Studies, Louisiana State University, for travel to Los Angeles AAG meeting, \$250.

2001. *Estimating Shear Velocity During Aeolian Transport: On the Influence of Averaging Intervals and Displacement Height Corrections*. Department Excellence through Faculty Excellence (DEFE) Program Sub-Grant. 2001. Louisiana State Board of Regents. \$9,300. (PI).
2001. *Influence of Bed Texture on Wind Erosion: A Pilot Study*. LSU Office of Research & Graduate Studies. Council on Research, Summer Stipend Program. \$5,000. (PI).
2001. Junior Faculty Travel Program Grant. Office of Research and Graduate Studies, Louisiana State University, for travel to New York City AAG meeting, \$920.
2000. Conference Participation Grant (NSF Regional Grant Development Conference). Louisiana State University, Dept. of Geography & Anthropology, \$150.
1997. *Aeolian Saltation: Field Measurements and Numerical Simulations*. Doctoral Dissertation Improvement Grant. National Science Foundation, Geography and Regional Studies Program. \$9,600. (Co-PI, with B.O. Bauer, PI).
1996. *Aeolian Saltation: Field Measurements and Numerical Simulations*. Dissertation Research Grant. ARCS Foundation - Hancock Institute of Marine Science, USC. \$7,300. (PI).

Refereed Publications

- Schmutz, P. P. and Namikas, S. L. (2013), Measurement and modeling of moisture content above an oscillating water table: implications for beach surface moisture dynamics. *Earth Surface Processes and Landforms*. 38: 1317–1325.
- Edwards, B.L. and S.L. Namikas. 2013. Simple Infrared Techniques for Measuring Beach Surface Moisture. *Earth Surface Processes and Landforms*. 38: 192-197.
- Sherman D.J., Davis L., and S.L. Namikas. 2013. Sediments and Sediment Transport. In: John Shroder (ed) *Treatise on Geomorphology*, Volume 1, pp. 233-56. Academic Press.
- Edwards, B.L., P.P. Schmutz, and S.L. Namikas, 2012. Comparison of Surface Moisture Measurements with Depth-Integrated Moisture Measurements on a Fine-Grained Beach. *Journal of Coastal Research*. DOI: [10.2112/JCOASTRES-D-12-00008.1](https://doi.org/10.2112/JCOASTRES-D-12-00008.1)
- Edwards, B.L. and S.L. Namikas, 2011. Changes in Shoreline Change Trends in Response to Detached Breakwater Field at Grand Isle, Louisiana. *Journal of Coastal Research*. 27: 698-705.
- Schmutz, P.P. and S.L. Namikas, 2011. Utility of Delta-T Theta Probe for Obtaining Surface Moisture Measurements from Beaches. *Journal of Coastal Research*. 27: 478-484.

- Namikas, S.L., B.L. Edwards, M.C. Bitton, J.L. Booth, and Y. Zhu. 2010. Temporal and spatial variability in the surface moisture-content of a fine-grained beach. *Geomorphology*. 114: 303-310.
- Namikas, S.L., B.O. Bauer, B.L. Edwards, P.A. Hesp, and Y. Zhu. 2009. Measurements of aeolian mass flux distributions on a fine-grained beach: Implications for grain-bed collision mechanics. *Journal of Coastal Research*. SI56: 337-341.
- Edwards, B.L. and S.L. Namikas. 2009. Investigation of small-scale variability in surface moisture on a fine-grained beach, and implications for modeling aeolian transport. *Earth Surface Processes and Landforms*. 34: 1333-1338.
- Hesp, P.A., I. Walker, S.L. Namikas, R. Davidson-Arnott, B.O. Bauer, J. Ollerhead. 2009. Storm wind flow over a foredune, Prince Edward Island, Canada. *Journal of Coastal Research*. SI56: 312-316.
- Bauer, B.O., R.G.D. Davidson-Arnott, P.A. Hesp, S.L. Namikas, J. Ollerhead, I.W.J. Walker. 2009. Aeolian sediment transport conditions on a beach: Surface moisture, wind fetch, and mean transport rates. *Geomorphology*. 105: 106-116.
- Walker, I.W.J., P.A. Hesp, S.L. Namikas, R.G.D. Davidson-Arnott, B.O. Bauer, and J. Ollerhead. 2009. Three-dimensional flow responses to variations in incident flow angle and dune profile form: Greenwich Dunes, Prince Edward Island, Canada. *Geomorphology*. 105: 127-138.
- Dong, Y., S.L. Namikas, P.A. Hesp, M.A. Jun. 2008. Field measurements of the vertical distribution of different sand grain sizes in structure of wind-sand flow on coastal transverse dune ridge. *Journal of Desert Research*. 28: 1022-1028.
- Dong, Y., S.L. Namikas, P.A. Hesp, M.A. Jun. 2008. Field measurements of the influence of sand transport rate on structure of wind-sand flow over coastal transverse ridge. *Chinese Geographical Science*. 18: 255-261.
- Dong, Y., P.A. Hesp, S.L. Namikas, M.A. Jun. 2008. Field measurements of the structure of wind-sand flow on a coastal transverse ridge in China. *Scientia Geographica Sinica*. 28: 512-516.
- Namikas, S.L., B.L. Edwards, M.C. Bitton, W. McKenna, J.L. Booth, C.J. Pennington, Y. Zhu. 2007. On the accuracy of a simple low cost method for one person beach profiling. *Journal of Coastal Research*. 23: 1337-1341.
- Namikas, S.L. 2006. A conceptual model of energy partitioning in the collision of saltating grains with a sediment bed. *Journal of Coastal Research*. 22: 1250-1259.

- Davidson-Arnott, R.G.D., B.O. Bauer, P.A. Hesp, S.L. Namikas, J.W. Ollerhead, and I.J. Walker. 2005. Moisture and fetch effects on aeolian sediment transport rates during a fall storm, Greenwich Dunes, Prince Edward Island. Proc. Canadian Coastal Conf., Canadian Coastal Science and Engineering Association, 11 pp.
- Namikas, S.L. 2004. Influence of atmospheric conditions on aeolian transport modeling. In: D.W. Davis and M. Richardson (eds), *The Coastal Zone: Papers in Honor of H. Jesses Walker. Geoscience and Man*. 38: 31-42.
- Namikas, S.L. 2003. Field measurement and numerical modelling of aeolian mass-flux distributions on a sandy beach. *Sedimentology*. 50: 303-326.
- Namikas, S.L. 2003. Aeolian transport on a sandy beach: Field measurements and numerical modeling. *Coastal Sediments 03*. Proc. 5th Int. Conf. Coastal Sediments. World Scientific Publishing, Corpus Christi, TX. ISBN 981-238-422-7.
- Namikas, S.L., B.O. Bauer, and D.J. Sherman. 2003. Influence of averaging interval on shear velocity estimates for aeolian transport modeling. *Geomorphology*. 53: 235-246.
- Namikas, S.L. 2002. A floating element drag plate for direct measurement of bed shear stress during aeolian transport. *Journal of Sedimentary Research*. 72: 357-63.
- Namikas, S.L. 2002. Field evaluation of two traps for high-resolution aeolian transport measurements. *Journal of Coastal Research*. 18: 136-148.
- Lorang, M.S., S. Namikas, J. McDermott, and D. Sherman. 1999. El Nino storm waves and the morphodynamic response of two cobble beaches. *Coastal Sediments 99*. New York: American Society of Civil Engineers. 922-937.
- Namikas, S.L. and D.J. Sherman. 1998. Aeolus II: An interactive program for the simulation of aeolian sedimentation. *Geomorphology*. 22: 113-133.
- Bauer, B.O. and S.L. Namikas. 1998. Design and field test of a continuously weighing, tipping-bucket assembly for aeolian sand traps. *Earth Surface Processes and Landforms*. 23: 1171-1183.
- Sherman, D.J., D. Jackson, S.L. Namikas, and J. Wang. 1998. Wind-blown sand on beaches: an evaluation of models. *Geomorphology*. 22: 135-149.
- Bauer, B.O., J. Yi, S.L. Namikas, D. Sherman. 1998. Event Detection and conditional averaging in unsteady aeolian systems. *Journal of Arid Environments*. 39: 345-375.
- Namikas, S.L. and D.J. Sherman. 1997. Predicting aeolian transport: Revisiting the White model. *Earth Surface Processes and Landforms*. 22: 601-604.

- Namikas, S.L. and D.J. Sherman. 1995. A review of the effects of surface moisture content on aeolian sand transport. In: V. Tchakerian (ed.), *Desert Aeolian Processes*. New York: Chapman and Hall. 269-294.
- Bauer, B.O., M.T. Kammerer, S.L. Namikas, and D.J. Sherman. 1995. Discussion of Velocity structure and sea bed roughness associated with intertidal (sand and mud) flats and saltmarshes of The Wash, U.K. *Journal of Coastal Research*. 11: 252-255.
- Jackson, N., K.F. Nordstrom, D.J. Sherman, J.R. Allen, S.L. Namikas and D. He. 1993. Shoreline processes and beach changes on the lagoon shoreline at Fire Island National Seashore, NY, USA. *Coastal Zone '93*. New York: American Society of Civil Engineers. 2068-2082.
- Psuty, N.P. and S.L. Namikas. 1991. Beach nourishment episodes at the Sandy Hook Unit, Gateway National Recreation Area, New Jersey, USA: A preliminary comparison. *Coastal Sediments '91*. New York: American Society of Civil Engineers. 2116-2129.

Non-Refereed Publications

- 2002-2009. *Coastal Letters*. Newsletter of AAG-COMA, The Coastal and Marine Specialty Group. Edited six issues from 2002-2005. Contributed column "Musings from the Chair" from 2006-2009.
- Sherman D.J., D.W.T. Jackson, S.L. Namikas, and J. Wang. 1995. Aeolian sand transport in a coastal dune complex at Inch, CO. Kerry, Ireland. Part A: Field methods and results. U. Southern Cal., Dept. Geography: Geomorphology Research Report #3. 44 p.
- Namikas, S.L. 1992. Beach nourishment performance at South Beach, Sandy Hook Unit, Gateway National Recreation Area. Rutgers University: Institute of Marine and Coastal Science. Technical Report #92-22. 87 pp.

Conference Presentations

- Namikas, S.L., B.L. Edwards, and P.P. Schmutz. 2013. Influence of evaporation and condensation on the surface moisture content of beach sediment. AAG Annual Meeting. Los Angeles, Ca.
- Edwards, B.L. and S.L. Namikas. 2013. Predicting aeolian transport thresholds based on grain size-range. AAG Annual Meeting. Los Angeles, Ca.
- Schmutz, P.P. and S.L. Namikas. 2013. Influence of Sediment Texture on Surface Moisture Content above an Oscillating Water Table. AAG Annual Meeting. Los Angeles, Ca.

- Namikas, S.L., B.L. Edwards, and P.P. Schmutz. 2011. *Measuring and Modeling of Beach Surface Moisture: Progress (1995-2010) and Future Directions*. AAG Annual Meeting. Seattle, Wa.
- Edwards, B.L. and S.L. Namikas. 2011. A Simple Infrared Instrument to Measure Surface Moisture Content. AAG Annual Meeting. Seattle, Wa.
- Schmutz, P.P. and S.L. Namikas. 2011. Influence of Capillary Flow Above an Oscillating Water Table on Surface Moisture Content. AAG Annual Meeting. Seattle, Wa.
- Hesp, P.A., I. Walker, S. Namikas, R. Davidson-Arnott, B. Bauer, J. Ollerhead. 2011. Storm Wind Flow Dynamics over a Foredune, PEI, Canada. AAG Annual Meeting. Seattle, Wa.
- Edwards, B.L. and Namikas, S.L. 2011. *A Simple Model of the Influence of Sediment Texture on Threshold Shear Velocity for Dry and Wet Sands*. 2011. Minerva Gentner Symposium on Aeolian Processes, Eilat, Israel.
- Chapman, C. Hesp, P., Davidson-Arnott, R.G.D. Bauer, B.O., and Namikas, S.L. 2010. Turbulent Reynolds stress and quadrant events in wind flow over a vegetated foredune. 7th International Conference on Aeolian Research (ICAR-VII), Santa Rosa, Argentina.
- Rohli, R.V., Y-L Chiu, V. Kumar, S. Namikas, L. Romolo. 2010. Aerodynamic resistance over short bermuda grass in Northern Louisiana. 33rd Applied Geography Conference. Fort Worth TX.
- Namikas, S.L., B.O. Bauer, B. Edwards, P.A. Hesp, and Y. Zhu. 2009. Measurements of aeolian mass flux distributions on a fine-grained beach: Implications for grain-bed collision mechanics. 10th International Coastal Symposium. Lisbon, Portugal.
- Namikas, S.L., Y. Dong, and P.A. Hesp. 2009. Wind tunnel measurements of aeolian mass flux distributions. *Annual Meeting*. Association of American Geographers, Las Vegas, NE.
- Edwards, B., and S.L. Namikas. 2009. A re-evaluation of past data of the threshold condition for windblown sand. 32nd Applied Geography Conference. Baton Rouge, LA.
- Edwards, B., and S.L. Namikas. 2009. Short term beach response to a summer storm, Padre Island, TX. *Annual Meeting*. Association of American Geographers, Las Vegas, NE.
- Hesp, P.A., Dong, Y., and S.L. Namikas. 2009. Flow in artificial vegetation. 32nd *Applied Geography Conference*. Baton Rouge, LA.
- Hesp, P.A., Hesp, P.A., I. Walker, S.L. Namikas, R. Davidson-Arnott, B.O. Bauer, J. Ollerhead. 2009. Storm wind flow over a foredune, Prince Edward Island, Canada. 10th *International Coastal Symposium*. Lisbon, Portugal.

- Namikas, S.L. 2008. Field Measurements and Modeling of Aeolian Saltation Trajectory Dimensions. *Annual Meeting*. Association of American Geographers, Boston, MA.
- Edwards, B.L., and S.L. Namikas. 2008. The effects of small-scale variability in surface moisture content on a fine-grained beach on the estimation of beach surface area available to aeolian transport. *Annual Meeting*. Association of American Geographers, Boston, MA.
- Zhu, Y., and S.L. Namikas. 2008. Modeling the Spatial and Temporal Variations of Surface Moisture Content on a Fine-Grained Beach, Padre Island, TX. *Annual Meeting*. Association of American Geographers, Boston, MA.
- Namikas, S.L. 2007. Mapping the Spatial and Temporal Variability of Surface Moisture Content in a Fine-Grained Beach. *Annual Meeting*. Association of American Geographers, San Francisco, CA.
- Schmutz, P., and S.L. Namikas. 2007. Investigation of Utility of Delta-T Probe for Obtaining Surficial Moisture Measurements on Beaches. *Annual Meeting*. Association of American Geographers, San Francisco, CA.
- Zhu, Y., and S.L. Namikas. 2007. Modeling the Spatial and Temporal Variations of Surface Moisture Content on a Fine-Grained Beach, Padre Island, TX. *Annual Meeting*. Association of American Geographers, San Francisco, CA.
- Namikas, S.L., B.O. Bauer, and P.A. Hesp. 2006. Field Measurements of Aeolian Saltation Mass Flux Distributions: Implications for the Mechanics of Grain-Bed Collisions. *ICAR VI: The Sixth International Conference on Aeolian Research*, Guelph, ON, Canada.
- Namikas, S.L., and Y. Zhu. 2006. Controls on Spatial and Temporal Variability in the Surface Moisture Content of a Fine-Grained Beach. *Annual Meeting*. Association of American Geographers, Chicago, IL.
- Namikas, S.L., and Y. Zhu. 2006. Influence of tidal Fluctuations on Water Table Elevation in Fine-Grained Beaches, Padre Island, Texas. *Challenges in Coastal Hydrology*, Annual Meeting and International Conference, American Institute of Hydrology. Baton Rouge, LA.
- Bauer, B.O., R.G.D. Davidson-Arnott, P.A. Hesp, S.L. Namikas, J. Ollerhead, and I. W. Walker. 2006. Aeolian Sediment Transport Conditions on a Beach: I. Surface Moisture and Wind Fetch Effects on Mean Transport Rates. *ICAR VI: The Sixth International Conference on Aeolian Research*, Guelph, ON, Canada.
- Bitton, M., S.L. Namikas, J. Booth, Y. Zhu, and B. Edwards. 2006. Interpolating surface moisture variations on a fine grained beach, Padre Island National Seashore, Texas. *Annual Meeting*. Association of American Geographers, Chicago, IL.

- I.J. Walker, P.A. Hesp, S.L. Namikas, B.O. Bauer, R.G.D. Davidson-Arnott, and J. Ollerhead. Wind Flow and Aeolian Sediment Transport Across a Beach-Foredune System During a Fall Storm, Greenwich Dunes, Prince Edward Island, Canada. *ICAR VI: The Sixth International Conference on Aeolian Research*, Guelph, ON, Canada.
- Namikas, S.L. 2005. Field Measurements and Modeling of Energy Partitioning during Grain-Bed Collisions in Aeolian Saltation: Preliminary Results. *Annual Meeting*. Association of American Geographers, Denver, CO.
- Namikas, S.L., Edwards, B.L., Bitton, M.C., Booth, J.L., Pennington, C.J., and Y. Zhu. 2005. Spatial-Temporal Variation of Surface Moisture Content on a Fine-Grained Beach: Padre Island, TX USA. *International Symposium on Coastal Dunes, Management and Sustainable Development*. Fortaleza, Brazil.
- Davidson-Arnott, R.G.D., B .O. Bauer, P.A. Hesp, S.L. Namikas, J.W. Ollerhead, and I.J. Walker. 2005. Moisture and fetch effects on aeolian sediment transport rates during a fall storm, Greenwich Dunes, Prince Edward Island. Proceedings of the Canadian Coastal Conference, Canadian Coastal Science and Engineering Association.
- Sherman, D.J., and S.L. Namikas. 2005. Keynote Address: Modeling Wind Action and Sand Transport. *International Symposium on Coastal Dunes, Management and Sustainable Development*. Fortaleza, Brazil.
- Zhu, Y., S.L. Namikas, and P. Hesp. 2005. Effects of Artificial Vegetation on Coastal Aeolian Sand Transport: A Experimental Approach. *Annual Meeting*. Association of American Geographers, Denver, CO.
- Namikas, S.L. 2004. Short-term Variability in Aeolian Transport. *Annual Meeting*. Association of American Geographers, Philadelphia, PA.
- Zhu, Y., S.L. Namikas, and P. Hesp. 2004. Pilot Study of Trapping and Deposition of Wind Blown Sediment in Artificial Vegetation. *SWAAG - Annual Meeting*. Southwest Division, Association of American Geographers, Dallas, TX.
- Namikas, S.L. 2003. Aeolian transport on a sandy beach: Field measurements and numerical modeling. *Coastal Sediments '03*. 5th International Conference on Coastal Sediments. Clearwater Beach, FL.
- Namikas, S.L. 2003. Theoretical investigation of the Influence of atmospheric conditions in aeolian transport modeling. *Annual Meeting*. Association of American Geographers, New Orleans, LA.
- Namikas, S.L. 2002. Field measurements of the influence of grain size on aeolian saltation trajectories, Padre Island, Texas. *Annual Meeting*. Association of American Geographers, Los Angeles, CA.

- Namikas, S.L. 2001. Bed texture as a control on aeolian saltation. *Annual Meeting*. Association of American Geographers, New York, NY.
- Namikas, S.L. 2000. Field test of two traps for high-resolution aeolian transport measurements. *SWAAG-Annual Meeting*. Southwest Division, Association of American Geographers, College Station, TX.
- Namikas, S.L. 2000. Direct measurement of bed stress using a drag plate: Instrument design and field test. *Annual Meeting*. Association of American Geographers, Pittsburgh, PA.
- Namikas, S.L., D.J. Sherman, and B.O. Bauer. 1999. Influence of averaging interval on reliability of shear velocity estimates. *Annual Meeting*. Association of American Geographers, Honolulu, HA.
- Lorang, M.S., S.L. Namikas, J. McDermott, and D. Sherman. 1999. El Nino storm waves and the morphodynamic response of two cobble beaches. *4th International Symposium on Coastal Engineering and Science*. American Society of Civil Engineers, Long Island, NY.
- Namikas, S.L. and B.O. Bauer. 1998. Field measurements of aeolian saltation trajectories. *4th International Conference on Aeolian Research*. International Geological Correlation Program, Oxford, UK.
- Namikas, S.L. 1998. A field investigation of aeolian saltation. *Annual Meeting*. Association of American Geographers, Boston, MA.
- Bauer, B.O., J. Yi, S.L. Namikas, and D.J. Sherman. 1998. Event detection and conditional averaging in aeolian systems. *4th International Conference on Aeolian Research*. Int. Geological Correlation Program, Oxford, UK.
- Namikas, S.L., and D.J. Sherman. 1996. Aeolus II: An interactive aeolian sediment transport simulation model. *Regional Conference on Geomorphology - SE Asia*. International Association of Sedimentologists. Singapore.
- Sherman, D.J., S.L. Namikas, and D.W.T. Jackson, J. Wang. 1996. Aeolian sand transport to the coastal dune complex at Inch, Ireland. *Regional Conference on Geomorphology - SE Asia*. International Association of Sedimentologists. Singapore.
- Sherman D.J., D.W.T. Jackson, and S.L. Namikas, and J. Wang. 1996. Aeolian sand transport in a coastal dune complex at Inch, CO. Kerry, Ireland. *Inch Workshop: Littoral Deposition in Dingle Bay and Castlemaine Harbour*. Queen's University, School of Geosciences, Belfast.
- Jackson, N., K.F. Nordstrom, D.J. Sherman, J.R. Allen, and S.L. Namikas and D. He. 1993. Shoreline processes and beach changes on the lagoon shoreline at Fire Island National Seashore, NY, USA. *8th Symposium of Coastal and Ocean Management*. American Society of Civil Engineers, New Orleans, LA.

Psuty, N.P. and S.L. Namikas. 1991. Beach nourishment episodes at the Sandy Hook Unit, Gateway National Recreation Area, New Jersey, USA: A preliminary comparison. *Coastal Sediments '91*. American Society of Civil Engineers, New York:.

Namikas, S.L. 1992. Modeling beach nourishment at Sandy Hook Unit, Gateway National Recreation Area, New Jersey, USA. *27th International Geographic Congress*. International Geographic Union, Washington, D.C.

Service Activities

University Service

Space Committee, Department of Geography & Anthropology, 2013-present.
 Field Trip Policy Evaluation Committee, Department of Geography & Anthropology, 2011-2012.
 Undergraduate Advisor, Department of Geography & Anthropology, 2009-present.
 Undergraduate Committee. Department of Geography & Anthropology, 2009-present.
 Executive Advisory Committee, Department of Geography & Anthropology, 2008-09.
 Faculty Senator, College of Arts and Sciences, LSU, 2008.
 Graduate Program Director, Dept. of Geography and Anthropology, 2007-2008.
 Department Representative, Spring Recruitment Event, 2007-2009
 Research and Scholarship Committee, Department of Geography and Anthropology, 2000-04, 2006-2008.
 Publications Committee, Department of Geography and Anthropology, 2002-06.
 AAG Conference Planning Committee, Department of Geography and Anthropology, 2001-03.
 Job Search Committees (Physical (4), Climatology (1), Human/Economic (6) positions), Department of Geography and Anthropology, 2000-2002, 2005-07, 2013-14.
 Speakers Committee, Department of Geography and Anthropology, 2000-01, 2004-06.
 Faculty Mentor for Dr. Lei Wang (Assistant Professor), 2007-2010
 Sponsor, Visiting Scholars (Dr. Yuxiang Dong 2004, Dr. Wang Wei, 2000-2001).
 Participant, Faculty Forum on Interdisciplinary Collaboration, Louisiana State University, 2000.

Professional Service

Advisory/Administrative

Editorial Board Member. The Open Geology Journal. 2007-present.
 Chairman. Coastal and Marine Geography Specialty Group, Association of American Geographers, 2006-2009.
 Vice-Chairman. Coastal and Marine Geography Specialty Group, Association of American Geographers, 2005-06.
 Secretary-Treasurer. Coastal and Marine Geography Specialty Group, Association of American Geographers, 2002-05.

Board of Directors, Coastal and Marine Geography Specialty Group, Association of American Geographers, 2001-03.
Program Committee. Association of American Geographers, New Orleans 2002-03.

Referee/Reviewer

i) manuscript referee for:

Aeolian Research; African Journal of Earth Sciences; Annals of the Association of American Geographers; Earth Science Reviews ; Earth Surface Processes and Landforms; Geomorphology; Geophysical Research Letters; Journal of Coastal Research; Journal of Geophysical Research: Atmospheres; Journal of Geophysical Research: Land Surface Processes; Marine Geology; Open Geology Journal ; Professional Geographer; Sedimentology; Southeastern Geographer; Southwestern Geographer; Transactions, Gulf Coast Association Geological Societies; Zeitschrift fur Geomorphologie.

ii) *proposal reviewer for:*

New Jersey Sea Grant Program, 2013
Netherlands Organization for Scientific Research, Earth and Life Sciences Division, 2012
National Science Foundation, 2000, 2005, 2006, 2007, 2009, 2010 (panelist), 2012
Texas Sea Grant Program, 2003
University of California - Board of Regents, 2003
National Geographic Society, 2001, 2005

Educational Service

Judge, St. Jude Science Fair 2007, 2009
Judge, Louisiana State Science Fair, 2006, 2008
Director, National Geographic Bee – Louisiana Division, 2002
Judge, National Geographic Bee – Louisiana Division, 2000-2006