

1. Allen, S.T., M.L. Whitsell, and R.F. Keim. 2015. Leaf morphometrics and allometrics in baldcypress. *Canadian Journal of Forest Research* 45:963-969.
2. Allen, S.T., R.F. Keim, and J.J. McDonnell. 2015. Spatial patterns of throughfall isotopic composition at the event and seasonal scales. *Journal of Hydrology* 522:58-66.
3. Bonvillain, C. P., D. A. Rutherford, and W. E. Kelso. 2015. Effects of environmental hypoxia on population characteristics of red swamp crayfish *Procambarus clarkii* in the Atchafalaya River Basin, Louisiana. *Hydrobiologia* 743:309-319.
4. Bowman, G. R. Costanzo, D. M. Cramer, M. T. DiBona, M. W. Eichholz, M. Huang, B. Lewis, D. Plattner, and T. Yerkes. A meta-analysis of American Black Duck winter habitat use along the Atlantic Coast. *Journal of Wildlife Management*. DOI: 10.1002/jwmg.958.
5. Brzeski, K., R. Harrison, W. Waddell, K. Wolf, D. Rabon Jr., and S.S. Taylor. 2015. Infectious disease and red wolf conservation: assessment of disease occurrence and associated risks. *Journal of Mammalogy* 96:751-761.
6. Brzeski, K.E., M.B. DeBiasse, D.R. Rabon Jr., M.J. Chamberlain, and S.S. Taylor. (In press). Mitochondrial DNA variation in southeastern pre-Columbian canids. *Journal of Heredity*.
7. Byrne, M. E., B. A. Collier, and M. J. Chamberlain. 2015. A retrospective regional analysis of wild turkey productivity in the southeast. *Proceedings of the National Wild Turkey Symposium*, In Press.
8. Byrne, M. E., B. A. Collier, and M. J. Chamberlain. 2015. Roosting ecology by Eastern and Rio Grande wild turkeys. *Proceedings of the National Wild Turkey Symposium*, In Press.
9. Cao, Q. V., and J. Wang. 2015. Evaluation of methods for calibrating a tree taper equation. *For. Sci.* 61:213-219.
10. Chua, V. L., Q. Phillipps, H.-C. Lim, S.S. Taylor, D.F. Gawin, M.A. Rahman, R.G. Moyle, and F.H. Sheldon. 2015. Phylogeography of three endemic birds of Maratua Island, a potential archive of Bornean biogeography. *Raffles Bulletin of Zoology* 63: 259-269.
11. Cohen, B. S., T. J. Prebyl, N. J. Stafford III, B. A. Collier and M. J. Chamberlain. 2015. Space use, movements, site-fidelity, and habitat selection of translocated eastern wild turkeys. *Proceedings of the National Wild Turkey Symposium*, In Press.
12. Conley, M. D., J. G. Oetgen, J. Barrow, M. J. Chamberlain, K. L. Skow, and B. A. Collier. 2015. Habitat selection, incubation, and incubation recess ranges of nesting female Rio Grande wild turkeys in Texas. *Proceedings of the National Wild Turkey Symposium*, In Press.
13. Cuevas-Uribe R, Chesney EJ, Daly J and Tiersch TR. 2015. Vitrification of sperm from marine fishes: effect on motility and membrane integrity. *Aquaculture Research* 46:1770-1784.
14. Daniel, W., M.D. Kaller, and J. Jack. 2015. Nitrogen stable isotopes as an alternative for assessing mountaintop removal mining's impact on headwater streams. *Fundamental and Applied Limnology* 186: 193-202.
15. Das, J. and R.P. Vlosky. 2015. A Regulatory Quality Analysis of Forest Products Trade in India. In Jelačić, D. and R. Vlosky (Eds.). 2015 *Adriatic Wood Days: Proceedings of Scientific Papers. Wood Processing and Furniture Manufacturing- Challenges on the World Market*. ISBN 978-953-57822-4-7WoodEMA/Forest Products Society. Publisher: WoodEMA i.a. pp. 19-26.
16. Dreibelbis, J. Z., K. L. Skow, R. T. Snelgrove, J. B. Hardin, and B. A. Collier. 2015. Rio Grande wild turkey nesting habitat selection on the Edwards Plateau of Texas. *Proceedings of the National Wild Turkey Symposium*, In Press.
17. Elbers, J. and S.S. Taylor. 2015. GO2TR: a gene ontology-based workflow to generate target regions for target enrichment experiments. *Conservation Genetics Resources* DOI 10.1007/s12686-015-0487-6.
18. Errera, RM, Niven, S, Bourdelais, A, Campbell, L. 2015. Diel variation in cell volume and ladder-frame polyether production in harmful algal species, *Karenia brevis*. *Journal of Phycology*. In review.
19. Favada, J., R. Vlosky, M. Aarne, A. McCusker, E. Pepke, P. Rougieux, A. Requardt, A. Schuck and M. Mustonen. 2015. Background Study for an International Forest Products Price Information System. *EFI Technical Report 92*. Publisher: European Forest Institute. 35 pages.
20. Fonseca, A., F. Aghazadeh, C. de Hoop, L. Ikuma and Saif Al-Qaisi. 2015. Effect of noise emitted by forestry equipment on workers' hearing capacity. *International Journal of Industrial Ergonomics* 46(2015):105-112.
21. Gee, H.K.W., S.L. King, and R.F. Keim. 2015. Influence of hydrologic modifications on *Fraxinus pennsylvanica* in the Mississippi River Alluvial Valley, USA. *Canadian Journal of Forest Research* 45: 1397-1406.

22. Gross, J. T., A. R. Little, B. A. Collier, and M. J. Chamberlain. 2015. Space use, daily movements, and roosting behavior of male wild turkeys during spring in Louisiana and Texas. *Journal of the Southeastern Association of Fish and Wildlife Agencies* 2:229–234.
23. Gross, J. T., B. S. Cohen, B. A. Collier, and M. J. Chamberlain. 2015. Influences of hunting on movements of male wild turkeys during spring. *Proceedings of the National Wild Turkey Symposium*, In Press.
24. He, S. and Y. Jun Xu. 2015. Long-term nutrient change in the Mermentau and Vermilion rivers. *Louisiana Agriculture*.
25. He, S. and Y.J. Xu. 2015. Three decadal inputs of nitrogen and phosphorus from four major coastal rivers to the summer hypoxic zone of the Northern Gulf of Mexico. *Water, Air, & Soil Pollution*, DOI 10.1007/s11270-015-2580-6.
26. He, S. and Y.J. Xu. 2015. Three decadal inputs of total organic carbon from four major coastal river basins to the summer hypoxic zone of the Northern Gulf of Mexico. *Marine Pollution Bulletin* 90: 121-128.
27. Hevia, A., Q. V. Cao, J. G. Álvarez-González, A. D. Ruiz-González, K. von Gadow. 2015. Compatibility of whole-stand and individual-tree models using composite estimators and disaggregation. *For. Ecol. Mgt.* 348:46-56.
28. Hu E, Liao TW and Tiersch TR. 2015. Simulation modeling of high-throughput cryopreservation of aquatic germplasm: a case study of blue catfish sperm processing. *Aquaculture Research* 46:432-445.
29. Huan S, G Liu, G Han, W Cheng, Z Fu, Q Wu, Q Wang. 2015. Effect of experimental parameters on morphological, mechanical and hydrophobic properties of electrospun polystyrene fibers. *Materials*, 8, 2718-2734. (Impact factor = 2.25)
30. Huang, S., Q. Wu, D. Zhou, and R. Huang. 2015. Thermal decomposition properties of materials from different parts of corn stalk. *BioResources* 10(1):2020-2031. (Impact factor = 1.55)
31. Huang, X., C.Y. Hse, and T.F. Shupe. 2015. Study of moso bamboo's permeability and mechanical properties. *Emerging Materials Research*. 4:130-138.
32. Huang, X.D., C.Y. Hse, and T.F. Shupe. 2015. Evaluation of the performance of laminated composite grading bamboo/Epoxy material for wind turbine blades technology. *BioResources*. 10(1):660-671.
33. Jian Zhang, Guixin Chou, Zhijun Liu, and Gar Yee Koh. 2015. In vitro cytotoxicity and antioxidation of a whole fruit extract of *Liquidambar formosana* exerted by different constituents. *European Journal of Medicinal Plants* 6(1): 34-44.
34. Kaller, M.D., R.F. Keim, B.L. Edwards, A.R. Harlan, T. Pasco, W.E. Kelso, and D.A. Rutherford. 2015. Aquatic vegetation mediates the relationship between hydrologic connectivity and water quality in a managed floodplain, Atchafalaya River, Louisiana, USA. *Hydrobiologia* 760:29-41.
35. Kaputa, V., H. Palus and R.P. Vlosky. 2015. Barriers for Wood Processing Companies to Enter Foreign Markets: A Case Study in Slovakia *European Journal of Forest Research*.
36. Kim, BJ, R. Huang, X. Xu, SY, Lee, J. Kunio, and Q. Wu. 2015. Sound transmission properties of mineral-filled high density polyethylene (HDPE) and wood-HDPE composites. *BioResources* 10(1):510-526. (Impact factor = 1.55)
37. Li M, Wu Q, Song K, Qing Y, and Wu Y. 2015. Cellulose nanoparticles as modifiers for rheology and fluid loss in bentonite water-based fluids *ACS J. Applied Materials and Interface*, 7,5006-5016 (Impact Factor=6.75)
38. Li M, Wu Q, Song K, S. Lee., Qing Y, and Wu Y. 2015. Cellulose nanoparticles: structure- morphology- rheology relationship, *ACS Sustainable Chemistry and Engineering*, 3 (5), 821–832. (Impact factor = 4.65)
39. Li Y, L Du, Z Zhang, Q Wu. 2015. High-Density Polyethylene and Heat-Treated Bamboo Fiber Composites: Nonisothermal Crystallization Properties. *International Journal of Polymer Science*, 2015 Article ID 658584: 1-7. (Impact factor = 1.67)
40. Lichao Sun, Qinglin Wu, Yanjun Xie, Kunlin Song, Sunyoung Lee, Qingwen Wang. 2015. Thermal decomposition of fire retarded wood flour/polypropylene composites: kinetic property and degradation mechanisms. *Journal of Thermal Analysis and Calorimetry*, On-line. DOI 10.1007/s10973-015-4971-8. (Impact Factor=2.04)
41. Liu F, G Han, W Cheng, Q Wu. 2015. Sorption Isotherm of Southern Yellow Pine—High Density Polyethylene Composites. *Materials*. 8(1): 368-378. (Impact factor = 6.723)

42. Livolsi, M. C., K. M. Ringelman, J. M. Coluccy, M. T. DiBona, and C. K. Williams. 2015. Implications of uncertainty in true metabolizable energy estimates for estimating wintering waterfowl carrying capacities. *Wildlife Society Bulletin*. DOI: 10.1002/wsb.593.
43. Lu, Zhijun; Fang Zhang, Gar Yee Koh, Xin Dong, Javoris Hollingsworth, Jian Zhang, Paul S. Russo, Peiying Yang and Rhett W. Stout. 2015. Cytotoxic and antiangiogenic paclitaxel solubilized and permeation-enhanced by natural product nanoparticles. *Anti-Cancer Drugs* 26(2): 167-179. PMID: 25243454.
44. Miller, B.A., W.E. Kelso, and M.D. Kaller. 2015. Diet partitioning in a diverse Centrarchid assemblage in the Atchafalaya River Basin, Louisiana. *Transactions of the American Fisheries Society* 144: 780-791.
45. Mishra, A. and R.P. Vlosky. 2015. A Case Study of Electricity Generation from Pine Needles in Uttarakhand, India. In Jelačić, D. and R. Vlosky (Eds.). 2015 *Adriatic Wood Days: Proceedings of Scientific Papers*. Wood Processing and Furniture Manufacturing- Challenges on the World Market. ISBN 978-953-57822-4-7WoodEMA/Forest Products Society. Publisher: WoodEMA i.a. pp. 301-310.
46. Monadjem, A., R. A. McCleery and B. A. Collier. 2015. Patterns of survival and roost switching in an African insectivorous bat. *Journal of Zoology* 296: 15–22.
47. Nyman, J. A, and C. C. Green. 2015. A Brief review of the effects of oil and dispersed oil on coastal wetlands including suggestions for future research. Pages 113-132 In: Alford, J.B., C. C. Green, and M. S. Peterson, (eds.), *Impacts of oil spill disasters on North American marine fisheries and their habitats*. CRC Press, Boca Raton, Florida. ISBN13:978-1-4665-5720-8
48. Oetgen, J. G., A. Engeling, A. Dube, M. J. Chamberlain, and B. A. Collier. 2015. Rio Grande wild turkey movements post catastrophic wildfire. *Proceedings of the National Wild Turkey Symposium*, In Press.
49. Parajuli, R. and S.J. Chang. 2015. The Softwood Sawtimber Stumpage Market in Louisiana: Market Dynamics, Structural Break, and Vector Error Correction Model. *Forest Science* 61(5):904-913.
50. Parajuli, R. S.J. Chang and R.C. Hill. 2015. How effective is the U.S.- Canada Softwood Lumber Agreement 2006? an econometric study. *Forest Science*
51. Pasco, T. E., M. D. Kaller, R. Harlan, W. E. Kelso, D. A. Rutherford, and S. Roberts. 2015. Predicting floodplain hypoxia in the Atchafalaya River, Louisiana, USA, a large, regulated southern floodplain river system. *River Research and Applications* DOI 10.1002/rra.2903.
52. Pasco, T.E., M.D. Kaller, A.R. Harlan, W.E. Kelso, and D.A. Rutherford. 2015. Predicting floodplain hypoxia based on flood characteristics in a large, regulated southern floodplain river system, the Atchafalaya River, Louisiana, USA. *River Research and Applications* DOI: 10.1002/rra.2903
53. Peng Li, Yubo Tao, Qinglin Wu.2015. A three-dimensional void reconstruction method for analyzing fractal dimensions of void volume in wood-strand composites. *Holzforchung*. DOI: 10.1515/hf-2015-0024. (Impact factor = 1.86)
54. Powell, L. L., J. D. Wolfe, E. I. Johnson, J. E. Hines, J. D. Nichols, and P. C. Stouffer. 2015. Heterogeneous movement of insectivorous Amazonian birds through primary and secondary forest: A case study using multistate models with radiotelemetry data. *Biological Conservation* 188:100-108.
55. Raquel, A. J., K. M. Ringelman, J. T. Ackerman, and J. M. Eadie. Habitat edges have weak effects on duck nest survival at local spatial scales. *Ardea* (in press, 2015).
56. Rietl, A.J., M.E. Overlander, J.A. Nyman, and C.R. Jackson. 2015. Microbial community composition and extracellular enzyme activities associated with *Juncus roemerianus* and *Spartina alterniflora* vegetated sediments in Louisiana saltmarshes. *Microbial Ecology*. DOI 10.1007/s00248-015-0651-2
57. Ringelman, K. M., C. K. Williams, and J. M. Coluccy. 2015. Assessing uncertainty in coastal marsh core sampling for waterfowl foods. *Journal of Fish and Wildlife Management* 6(1):238–246.
58. Ringelman, K. M., C. K. Williams, P. K. Devers, J. M. Coluccy, P. M. Castelli, K. A. Anderson, J. L. Bowman, G. R. Costanzo, D. M. Cramer, M. T. DiBona, M. W. Eichholz, M. Huang, B. Lewis, D. Plattner, and T. Yerkes. A meta-analysis of American Black Duck winter habitat use along the Atlantic Coast. *Journal of Wildlife Management*. DOI: 10.1002/jwmg.958.
59. Rogers H., Taylor S., Hawke J., Schott E., and Anderson Lively, J. (PI) 2015. Disease, parasite, and commensal prevalences for blue crab *Callinectes sapidus* at shedding facilities in Louisiana, USA. *Dis. Aquat. Org.* 112: 207-217. Citations: 1. 5-Year. Impact Factor: 1.874

60. Rogers H.A., S.S. Taylor, J.P. Hawke, and J.A. Anderson Lively. 2015. Prevalence and distribution of three protozoan symbionts in blue crab (*Callinectes sapidus*) populations across Louisiana, USA. *Diseases of Aquatic Organisms* 114:1-10.
61. Rogers, H., Taylor, S., Hawke, J. and Anderson Lively, J. (PI) 2015. Prevalence and distribution of three protozoan symbionts in blue crab (*Callinectes sapidus*) populations across Louisiana, USA. *Dis. Aquat. Org.* 114:1-10. Citations: none to date. 5-Year. Impact Factor: 1.874
62. Rogers, H.A., S.S. Taylor, J.P. Hawke, and J.A. Anderson Lively. 2015. Variations in prevalence of viral, bacterial, and rhizocephalan diseases and parasites of the blue crab (*Callinectes sapidus*). *Journal of Invertebrate Pathology* 127: 54-62.
63. Rogers, H.A., S.S. Taylor, J.P. Hawke, E.J.Schott, and J.A. Anderson Lively. 2015. Disease, parasite, and commensal prevalences for blue crab *Callinectes sapidus* at shedding facilities in Louisiana, USA. *Diseases of Aquatic Organisms* 112: 207-217.
64. Rosen, T. and Y.J. Xu. 2015. Estimation of sedimentation rates in the distributary basin of the Mississippi River, the Atchafalaya River Basin, USA. *Hydrology Research* 46: 244-257.
65. Song, K, Wu, Q., Zhang, Z., Ren, S., Lei, T., Negulescu, I.I., Zhang, Q. 2015. Porous Carbon Nanofibers from Electrospun Biomass Tar/Polyacrylonitrile/Silver Hybrids as Antimicrobial Materials. *ACS Applied Materials and Interface*. 7, 15108–15116 (Impact factor = 6.723)
66. Song, K. H. Zhang, Q. Wu, Z. Zhang, C. Zhou, Q. Zhang, and T. Lei. 2015. Structure and thermal properties of tar from gasification of agricultural crop residue. *Journal of Thermal Analysis and Calorimetry*: 119:27–35. (Impact factor = 2.20)
67. Song, K; Wu, Q; Zhang, Z; Ren, S; Lei, T; Dooley, K; Liu, D; Janes, M. 2015. Fabricating electrospun nanofibers with antimicrobial capability: A facile route to recycle biomass tar. *Fuel*. 150:123-130. (Impact factor = 3.44)
68. Sullivan, J. D., S. S. Ditchkoff, B. A. Collier, C. R. Ruth, and J. B. Raglin. 2015. Movement and the moon: white-tailed deer activity and solunar events. *Journal of the Southeastern Association of Fish and Wildlife Agencies*, In Press.
69. Sun, L., C.Y. Hse, T. Shupe, M. Sun, X. Wang, and K. Zhao. 2015. Isolation of an endophytic fungal strain with potential antimicrobial and termiticidal activities from Port-Orford-Cedar. *Journal of Economic Entomology*. 108(3):962-968
70. Sun, X, Q. Wu, S Ren, and T Lei. 2015. Comparison of highly transparent all-cellulose nanopaper prepared using sulfuric acid and TEMPO-mediated oxidation methods *Cellulose*, (2015) 22:1123–1133 (Impact factor = 3.06)
71. Sung-Ju Cho, Keun-Ho Choi, Jong Tae Yoo, Sang-Jin Chun, Sang-Bum Park, Don-Ha Choi, Qinglin Wu, Sun-Young Lee, and Sang-Young Lee. 2015. Hetero-nanonet paper batteries based on cellulose nanofibrils/multiwall carbon nanotubes: Toward ultrahigh energy density and origami foldability, *Advanced Functional Materials*. 25(38):6029-6040. (Impact Factor=11.8)
72. Vlosky, R.P. and A. Bharad. 2015. An Overview of Wood Energy in North America. In Jelačić, D. and R. Vlosky (Eds.). 2015 Adriatic Wood Days: Proceedings of Scientific Papers. Wood Processing and Furniture Manufacturing- Challenges on the World Market. ISBN 978-953-57822-4-7WoodEMA/Forest Products Society. Publisher: WoodEMA i.a. pp. 267-276.
73. Vlosky, R.P., C. Tasdemir, R. Gazo, and D. Cassens. 2015. A Temporal View of U.S. Value-Added Wood Product Manufacturers and Certification: 2001, 2007, and 2014. In Jelačić, D. and R. Vlosky (Eds.). 2015 Adriatic Wood Days: Proceedings of Scientific Papers. Wood Processing and Furniture Manufacturing- Challenges on the World Market. ISBN 978-953-57822-4-7WoodEMA/Forest Products Society. Publisher: WoodEMA i.a. pp. 179-184.
74. Wang, B. and Y.J. Xu. 2015. Sediment trapping by emerged channel bars in the Lowermost Mississippi River during a major flood. *Water* (in press).
75. Wang, X., G. Zhang, Y.J. Xu, and G. Sun. 2015. Identifying the regional-scale groundwater-surface water interaction on the Sanjiang Plain, Northeast China. *Environmental Science and Pollution Research*, DOI:10.1007/s11356-015-4914-8.
76. Wang, X., G. Zhang, Y.J. Xu, and X. Shan. 2015. Defining an ecologically ideal shallow groundwater depth for regional sustainable management: Conceptual development and case study on the Sanjiang Plain, Northeast China. *Water*, DOI:10.3390/w7073997

77. Wang, X., G. Zhang, Y.J. Xu. 2015. Impacts of the 2013 extreme flood in Northeast China on regional groundwater depth and quality. *Water* 7:4575-4592.
78. Wang, X., W. Lu, Y. J. Xu, Z. Huang, W. Que, G. Zhang, W. Cheng. 2015. The positive impacts of irrigation schedules on rice yield and water consumption: Synergies in Jilin Province, Northeast China. *International Journal of Agricultural Sustainability*, DOI: 10.1080/14735903.2015.1010305.
79. Weston, K.A., S.S. Taylor, and B.C. Robertson. In press. Identifying populations for management: fine-scale population structure in the New Zealand alpine rock wren (*Xenicus gilviventris*). *Conservation Genetics*.
80. Wilson, A.S., Y. Chan, S.S. Taylor, and P.A. Arcese. In press. Genetic divergence of an avian endemic on the Californian Channel Islands. *PLoS ONE*.
81. Wu, Q. 2015. Nanocellulose: a Green Building Block for Next-Generation Sustainable Material and Energy. *Louisiana Agriculture Winter* 22-23.
82. Xie J., C.Y. Hse, T.F. Shupe, and T. Hu. 2015. Physico-chemical characterization of lignin recovered from microwave-assisted delignified lignocellulosic biomass for use in biobased materials. *Journal of Applied Polymer Science*. DOI: 10.1002/app.42635.
83. Xie, J., J. Qi, C. Hse, and T.F. Shupe. 2015. Optimization for microwave-assisted direct liquefaction of bamboo residue in glycerol/methanol mixtures. *Journal of Forestry Research*: 26 (1): 261-265.
84. Xu, Y.J. 2015. Sediment and nutrient sluicing to restore University Lake. *Louisiana Agriculture* 52: 28-29
85. Xu, Z. and Y.J. Xu. (in press) Determination of trophic state changes with diel dissolved oxygen: A case study in a shallow lake. *Water Environment Research*.
86. Xu, Z. and Y.J. Xu. 2015. Rapid field estimation of biochemical oxygen demand in a subtropical eutrophic urban lake with chlorophyll a fluorescence. *Environmental Monitoring and Assessment*, DOI 10.1007/s10661-014-4171-1.
87. Xu-Lan Shang, Zheng-Feng Wu, Zhi-Qi Yin, Jian Zhang, Zhi-Jun Liu and Sheng-Zuo Fang. 2015. Simultaneous determination of flavonoids and triterpenoids in *Cyclocarya paliurus* leaves using high-performance liquid chromatography. *Afr J Tradit Complement Altern Med.* (2015) 12(3):125-134.
88. Yang H, Wang Y, Guo X and Tiersch TR. 2015. Production of inbred larvae through self-fertilization using oocytes and cryopreserved sperm from the same individuals after sex reversal in eastern oyster *Crassostrea virginica*. *Aquaculture Research* 46:2153-2165.
89. Yue, Y, J Han, G Han, G M Aita, and Q Wu. 2015. Cellulose Fibers Isolated from Energycane Bagasse using Alkaline and Sodium Chlorite Treatments: Structural, Chemical and Thermal Properties. *Industrial Crops and Products*, 76:355-363. (Impact factor = 2.93)
90. Yue, Y, J Han, G Han, Q Zhang, A D. French, Q. Wu. 2015. Characterization of Cellulose I/II Hybrid Fibers Isolated from Energycane Bagasse during the Delignification Process: Morphology, Crystallinity and Percentage Estimation. *Carbohydrate Polymers*, 133:438-447. (Impact factor = 4.02)
91. Zhai, X., T.F. Shupe, C.Y. Hse, J. Xie, and H. Pan. 2015. Polyols from microwave liquefied bagasse and its application to rigid polyurethane foam. *Materials* 8, doi:10.3390/ma80x000x (in press).
92. Zhang J, Mei C, Xu X, Lee S, BJ, Kim, and Wu Q. 2015. Comparative mechanical, fire retarding, and morphological properties of high density polyethylene/wood flour composites with different flame retardants. *Journal of Vinyl and Additive Technology*, DOI 10.1002/vnl.21516. (Impact factor = 1.05)
93. Zhang, Z. Y Wang, J. Hu, Q. Wu, and Q. Zhang. 2015. Influence of mixing method and hydraulic retention time on hydrogen production through photo-fermentation with mixed strains, *International Journal of Hydrogen Energy* 40(20), 6521-6529. (Impact factor = 2.95)
94. Zhang, Z., Q. Wu, C. Zhang, Y. Wang, Y. Li, and Q. Zhang. 2015. Effect of inlet velocity on heat transfer process in a novel photo-fermentation biohydrogen production bioreactor using computation fluid dynamic simulation. *BioResources* 10(1):469-481. (Impact factor = 1.55)
95. Zhang, Z., Wu Q., Song K., Lei T., and Wu Y. 2015. Poly (vinylidene fluoride)/cellulose nanocrystals composites: reinforcement, hydrophilicity and thermal properties. *Cellulose*, 22:2431-2441 (Impact factor = 3.56).
96. Zhang, Z; Wu, Q; Song, K; Ren, S; Lei, T. 2015. Using Cellulose Nanocrystals as a Sustainable Additive to Enhance Hydrophilicity, Mechanical and Thermal Properties of Poly (vinylidene fluoride)/Poly (methyl methacrylate) Blend. *ACS Sustainable Chemistry & Engineering*, 3, 574-582. (Impact factor = 4.65)

1. Allen, S.T., J.R. Brooks, R.F. Keim, B.J. Bond, and J.J. McDonnell. 2014. The role of pre-event canopy storage in throughfall and stemflow using isotopic tracers. *Ecohydrology* 7:858-868.
2. Anderson Lively, J. and McKenzie, J. 2014. Toxicity of Corexit 9500 on megalopae and juvenile blue crabs *Callinectes sapidus*. *Bull. Environ. Contam. Toxicol.* 93:649-653. Citations: 2. 5-Year. Impact Factor: 1.325.
3. Anderson, J. and Alford, A. B. 2014. Ghost fishing activity in derelict blue crab traps in Louisiana. *Mar. Poll. Bull.* 79: 261-267. Citations: 7. 5-Year Impact Factor: 3.118.
4. Anderson, J., Kuhl, A. and Anderson, A. 2014. Toxicity of oil and dispersed oil on juvenile mud crabs, *Rhithropanopeus harrissii*. *Bull. Environ. Contam. Toxicol.* 92 (4): 375-380. Citations: 8. 5-Year. Impact Factor: 1.325.
5. Bergeon Burns C.M., J.A. Olin, S. Woltmann, P.C. Stouffer, and S.S. Taylor. 2014. Effects of oil on terrestrial vertebrates: predicting impacts of the Macondo blowout. *BioScience* 64:820-828.
6. Bohora, S. B., and Q. V. Cao,. 2014. Prediction of tree diameter growth using quantile regression and mixed-effects models. *For. Ecol. Mgt.* 319:62-66.
7. Brzeski, K.E., D.R. Rabon, M.J. Chamberlain, L.P. Waits, and S.S. Taylor. 2014. Inbreeding and inbreeding depression in endangered red wolves (*Canis rufus*). *Molecular Ecology* 23:4241-4255.
8. Burcham, A.K., J.H. Merino, T.C. Michot, and J.A. Nyman. 2014. Arbuscular mycorrhizae occur in common *Spartina* species. *Gulf of Mexico Science* 2012:14-19.
9. Burns, C. M. B., J. A. Olin, S. Woltmann, P. C. Stouffer, and S. S. Taylor. 2014. Effects of oil on terrestrial vertebrates: Predicting impacts of the Macondo blowout. *BioScience* 64:820-828 (with my photo of a Seaside Sparrow on the journal cover)
10. Butcher, J. A., B. A. Collier, N. J. Silvy, J. A. Roberson, C. D. Mason and M. J. Peterson. 2014. Spatial and temporal patterns of range expansion of white-winged doves in the USA from 1979 to 2007. *Journal of Biogeography* 41: 1947–1956.
11. Byrne, M. E., J. C. McCoy, J. Hinton, M. J. Chamberlain, and B. A. Collier. 2014. Using dynamic brownian bridge movement modeling to measure temporal patterns of habitat selection. *Journal of Animal Ecology* 83: 1234–1243.
12. Byrne, M. E., J. D. Guthrie, J. B. Hardin, B. A. Collier, and M. J. Chamberlain. 2014. Evaluating wild turkey movement ecology: an example using first-passage time analysis. *Wildlife Society Bulletin* 38: 407–413.
13. Cao, Q. V. 2014. Linking individual-tree and whole-stand models for forest growth and yield prediction. *For. Ecosys.* 1:18.
14. Cao, Q. V., and D. W. Coble. 2014. Deriving a diameter distribution from stand table data. *For. Sci.* 60:628-635.
15. Cerame, B., J.A. Cox, R.T. Brumfield, J.W. Tucker, and S.S. Taylor. 2014. Adaptation to ephemeral habitat may overcome natural barriers and severe habitat fragmentation in a fire-dependent species, the Bachman's Sparrow (*Peuceae aestivalis*). *PLoS ONE* 9:e105782.
16. Chang, S.J. 2014. Forest valuation under the generalized Faustmann formula. *Canadian Journal of Forest Research* 44(1): 56-63.
17. Chang, S.J. 2014. The generalized Faustmann formula. In: *Handbook of Forest Resource Economics*, S. Kant and J. Alavalapatti (eds). pp. 26-49. Earthscan, London.
18. Choi, K-H; Cho, S-J; Chun, S-J; Yoo, J T; Lee, C K; Kim, W; Wu, Q; Park, S-B; Choi, D-H; Lee, S-Y; Lee, S-Y. 2014. Heterolayered, one-dimensional nanobuilding block mat batteries. *ACS Nano Letters*: 14, 5677–5686 (Impact factor = 12.96)
19. Daniel, W., K.M Brown, and M.D. Kaller. 2014. A hybrid Tiered Aquatic Life Unit (Hybrid-TALU) bioassessment model for Gulf of Mexico coastal streams. *Fisheries Management and Ecology* 21: 491-502.
20. Diniz, F.C., J.D. Wolfe, M. Anciães, and P.C. Stouffer. 2014. New record of Connecticut Warbler *Oporornis agilis* in central Amazonian Brazil. *Cotinga* 36: 127-128.
21. Du, L., Y. Li, and Q. Wu. 2014 Water absorption properties of heat-treated bamboo fiber and high density polyethylene composite. *BioResources.* 9(1):1189-1120. (Impact factor = 1.48).
22. Errera, RM, Kessler, J, Yvon-Lewis, S, Campbell, L. 2014. Response of the harmful alga, *Karenia brevis*, to pre-industrial, current, and future pCO<sub>2</sub> and sea surface temperatures. *Harmful Algae* 37:110-116.

23. Fathizadeh, O., P. Attarod, R.F. Keim, A. Stein, G. Zahedi Amiri, and A.A. Darvishsefat. 2014. Spatial heterogeneity and temporal stability of throughfall water under individual *Quercus brantii* trees. *Hydrological Processes* 28:1124-1136.
24. Fenlio, D. B., M. L. Niemiller, R. M. Bonett, G. O. Graening, B. A. Collier and J. F. Stout. 2014. Life history, demography and the influence of cave-roosting bats on a population of Grotto Salamander (*Eurycea spelaea*) from the Ozark plateaus of Oklahoma (Caudata: Plethodontidae). *Herpetological Conservation and Biology* 9: 394–405.
25. Gee, H.K.W., S.L. King, and R.F. Keim. 2014. Tree growth and recruitment in a leveed floodplain forest in the Mississippi River Alluvial Valley, USA. *Forest Ecology and Management* 334:85-95.
26. Han, G.; Huan, S.; Han, J.; Zhang, Z.; Wu, Q. 2014. Effect of Acid Hydrolysis Conditions on the Properties of Cellulose Nanoparticle-Reinforced Polymethylmethacrylate Composites. *Materials* 7, 16-29. (Impact factor = 2.2).
27. Han, J., T. Lei, and Q. Wu. 2014. High-water-content mouldable polyvinyl alcohol-borax hydrogels reinforced by well-dispersed cellulose nanoparticles: Dynamic rheological properties and hydrogel formation mechanism *Carbohydrate Polymers*. 102:306-316. (Impact factor = 4.04)
28. Hu E, Bosworth B, Baxter J and Tiersch TR. 2014. On-site evaluation of commercial-scale hybrid catfish production using cryopreserved blue catfish sperm. *Aquaculture* 426-427:88-95.
29. Huang, Z, S. Liu, B. Zhang, and Q. Wu. 2014. Preparation and swelling behavior of a novel self-assembled  $\beta$ -cyclodextrin/acrylic acid/sodium alginate hydrogel. *Carbohydrate Polymers* 113: 430–437. (Impact factor = 3.91)
30. Hurst, Z. M., R. A. McCleery, B. A. Collier, N. J. Silvy, P. J. Taylor, and A. Monadjem. 2014. Linking changes in small mammal communities to ecosystem functions in an agricultural landscape. *Mammalian Biology* 79: 17–23.
31. Ialeggio, J.S., and J.A. Nyman. 2014. Nutria grazing preference as a function of fertilization. *Wetlands*. *Wetlands* (2014) 34:1039–1045. DOI 10.1007/s13157-014-0557-7
32. Jones, C.N., D.T. Scott, B.L. Edwards, and R.F. Keim. 2014. Perirheic mixing and biogeochemical processing in flow-through and backwater floodplain wetlands. *Water Resources Research* 50:7394-7405.
33. Kim, B.J., R. Huang, J. Han, S. Lee, and Q. Wu. 2014. Mechanical and morphological properties of coextruded wood plastic composites with glass fiber filled shell. *Polymer Composites*: DOI: 10.1002/pc.23240 (Impact factor = 1.45)
34. Laborde, Jr. L.P, F.C Rohwer, M.D Kaller, and L.A. Reynolds. 2014. Surveying Louisiana waterfowl hunters: Open web and random mail surveys produce similar responses to attitudinal questions. *Wildlife Society Bulletin* 38: 821-826
35. Laborde, L. P. Jr., F. C. Rohwer, and M. D. Kaller. 2014. Surveying Louisiana waterfowl hunters: Open web and random mail surveys produce similar responses to attitudinal questions. *The Wildlife Society Bulletin* 38:821-826. (Note: based on 2010 Survey of Louisiana Waterfowl Hunters.)
36. Laborde, L. P., Jr., R. M. Kaminski, and J. B. Davis. 2014. Conferee’s assessment of the 6th North American Duck Symposium (2013), “Ecology and Conservation of North American Waterfowl”. *Wildfowl Special Issue* 4:512-519.
37. Lee, S., H. Pan, C.Y. Hse, A.R. Gunasekaran, and T.F. Shupe. 2014. Characteristics of regenerated nanocellulosic fibers from cellulose dissolution in aqueous solutions for wood fiber/polypropylene composites. *Journal of Thermoplastic Composite Materials*. 27(4):558-570. DOI: 10.1177/0892705713484739.
38. Li, F., G. Zhang, and Y.J. Xu. 2014. Separating the Impacts of Climate Variation and Human Activities on Runoff in the Songhua River Basin, Northeast China. *Water* 6:3320-3338.
39. Li, F., G. Zhang, and Y.J. Xu. 2014. Spatiotemporal variability of climate and streamflow in the Songhua River Basin, Northeast China. *Journal of Hydrology* 514:53-64.
40. Li, H., K. Song, D. Zhou, and Q. Wu. 2014. Effect of durability treatment on moisture sorption properties of wood plastic composite. *BioResources* 9(4):6397-6407. (Impact factor = 1.55)
41. Li, H., Z. Zhang, K. Song, S. Lee, S.J. Chun, D. Zhou, and Q. Wu. 2014. Effect of durability treatment on ultraviolet resistance, strength, and surface wettability of wood plastic composite. *BioResources* 9(2):3591-3602. (Impact factor = 1.55)
42. Lindroos, O., C.F. de Hoop, M.R. Pyles, P. Zundel and J. Rickards. 2014. A quarter of a century with the International Journal of Forest Engineering. *International Journal of Forest Engineering* 25(2):83-100.

43. Liu, T., Q. Wang, Y. Xie, and Q. Wu. 2014. Effects of use of coupling agents on the properties of microfibrillar composite based on high-density polyethylene and polyamide-6. *Polymer Bulletin*. 71(3):685-703 (Impact factor = 1.20)
44. Livolsi, M. C., K. M. Ringelman, and C. K. Williams. 2014. Subsampling reduces sorting effort for waterfowl foods in salt-marsh core samples. *Journal of Fish and Wildlife Management* 5(2):380–386.
45. Marti, M.E., W.J. Colonna, P. Patra, H. Zhang, C. Green, G. Reznik, M. Pynn, K. Jarrell, J.A. Nyman, P. Somasundaran, C. E. Glatz, and B. P. Lamsal. 2014. Production and characterization of microbial surfactants for potential use in oil-spill remediation. *Enzyme and Microbial Technology* 55:31-39.
46. Mei Liu, Xinhua Xia, Guixin Chou, Dong Liu, Aamir Zuberi, Jianping Ye, and Zhijun Liu. 2014. Variations in the Contents of Gingerols and Chromatographic Fingerprints of Ginger Root Extracts Prepared by Different Preparation Methods. *Journal of AOAC International*. 97 (1): 50-57. PMID: 24672859.
47. Mellish, J. M., A. Sumrall, T. A. Campbell, B. A. Collier, W. H. Neill, B. Higginbotham, and R. R. Lopez. 2014. Simulating potential population growth of Wild Pig, *Sus scrofa*, in Texas. *Southeastern Naturalist* 13: 367–376.
48. Miller, M. L., K. M. Ringelman, J. C. Schank, and J. M. Eadie. 2014. SWAMP: An agent-based model as a conservation management tool. *Simulation* 90(1): 52–68.
49. Morris, J.T., J.A. Nyman, and G.P. Shaffer. 2014. The influence of nutrients on the coastal wetlands of the Mississippi Delta. Pages 111-124 In J.W. Day, A.M. Freeman, G.P. Kemp, and D.P. Muth. Springer Science + Business Media. DOI 10.1007/978-94-017-8733-8. ISBN 978-94-017-8732-1.
50. Nyman, J.A. 2014. Integrating Successional Ecology and the Delta Lobe Cycle in wetland research and restoration. *Estuaries and Coasts*. 37:1490–1505. DOI 10.1007/s12237-013-9747-4.
51. Owens, F.L., P.C. Stouffer, M.J. Chamberlain, and D.A. Miller. 2014. Early-successional breeding bird communities in intensively managed pine plantations: Influence of vegetation succession but not site preparation. *Southeastern Naturalist* 13: 423-443.
52. Pfeifer, M., V. Lefebvre, T. A. Gardner, V. Arroyo-Rodriguez, L. Baeten, C. Banks-Leite, J. Barlow, M. G. Betts, J. Brunet, A. Cerezo, L. M. Cisneros, et al. 2014. (BIOFRAG – a new database for analyzing BIOdiversity responses to forest FRAGMENTATION. *Ecology and Evolution* 4:1524-1537.
53. Potts, J.R., K. Mokross, P.C. Stouffer, and M.A. Lewis. 2014. Step selection techniques uncover the environmental predictors of space use patterns in flocks of Amazonian birds. *Ecology and Evolution* 4:4578-4588. doi:10.1002/ece3.1306
54. Powell, L.L. and P.C. Stouffer. 2014. Experimental translocations: Pitfalls and alternatives for quantifying animal movement in fragmented landscapes. *Revista Brasileira de Ornitologia* 22: 311-316. DOI: 10.1002/ece3.1306
55. Reigh, R.C., and M.B. Williams. 2014. Improvement of diets for alligator aquaculture. *World Aquaculture* 45(3): 64-65.
56. Ren, S., X. Sun, T. Lei, and Q. Wu. 2014. The Effect of Chemical and High-Pressure Homogenization Treatment Conditions on the Morphology of Cellulose Nanoparticles. *Journal of Nanomaterials*: Article ID 582913, 11 <http://dx.doi.org/10.1155/2014/582913>. (Impact factor = 1.61)
57. Ringelman, K. M. 2014. Predator foraging behavior and patterns of avian nest success: what can we learn from an agent-based model? *Ecological Modelling* 272:141–149.
58. Ringelman, K. M., J. M. Eadie, and J. T. Ackerman. 2014. Adaptive nest clustering and density-dependent nest survival in dabbling ducks. *Oikos* 123(2):239–247.
59. Rosen, T. and Y.J. Xu. 2014. A hydrograph-based sediment availability assessment: Implications for Mississippi River sediment diversion. *Water* 6:564-583.
60. Scaroni, A.E., Y. Siyuan, C.W. Lindau, and J.A. Nyman. 2014. Nitrous oxide emissions from soils in Louisiana’s Atchafalaya River Basin. *Wetlands* 34:545-554. DOI 10.1007/s13157-014-0521-6.
61. Scognamillo, S., J. Pojman, and Q. Wu. 2014. Frontal Cationic Curing of Epoxy Resins in the Presence of Defoaming or Expanding Compounds. *Journal of Applied Polymer Science*. DOI: 10.1002/app.40339. (Impact factor = 1.30)
62. Scott, D.T., R.F. Keim, C.N. Jones, B.L. Edwards, D.E. Kroes. 2014. Floodplain biogeochemical processing of floodwaters during the Mississippi River flood of 2011. *Journal of Geophysical Research Biogeosciences* 119:537-546.



63. Stokke, D. D., Q. Wu, G. Han. 2014. Introduction to Wood and Natural Fiber Composites. John Wiley & Sons, Inc., ISBN: 978-0-470-71091-3. 320 pages
64. Sun, Q.-N., C.Y. Hse, and T.F. Shupe. 2014. Effect of different catalysts on UFM resin synthesis. *Journal of Applied Polymer Science*. 131(16):40644 (DOI: 10.1002/APP.40644).
65. Susaeta, A., S.J. Chang, D. Carter, P. Lal. 2014. Economics of carbon sequestration under fluctuating economic environment, forest management and technological changes: an application to forest stands in the southern United States. *Journal of Forest Economics* 20 (2014): 47-64.
66. Tobias, V.D., M.F. Williamson, and J.A. Nyman. 2014. A comparison of the elemental composition of leaf tissue *Spartina patens* and *Spartina alterniflora* in Louisiana's coastal marshes. *Journal of Plant Nutrition*. 37:1327-1344. DOI: 10.1080/01904167.2014.881871.
67. Wang, X., G. Zhang, and Y.J. Xu. 2014. Spatiotemporal groundwater recharge estimation for the largest rice production region in Sanjiang Plain, Northeast China. *Journal of Water Supply: Research and Technology*, doi: 10.2166/aqua.2014.024
68. Williamson, M.F., V.D. Tobias, and J.A. Nyman. 2014. Effects of freshwater and nutrient input on chemical concentrations in *Spartina alterniflora* (Loisel). *Communications in Soil Science and Plant Analysis* 45:925-933 DOI: 10.1080/00103624.2013.867052
69. Winkler, D. W., K. M. Ringelman, et. al. 2014. Latitudinal variation in clutch size-lay date regressions in Tachycineta swallows: effects of food supply or demography? *Ecography* 37(7): 670-678.
70. Wolfe, J.D., P.C. Stouffer, and G. F. Seeholzer. 2014. Variation in tropical bird survival across longitude and guilds: A case study from the Amazon. *Oikos* 123: 964-970. DOI: 10.1111/oik.00849
71. Woltmann, S., P.C. Stouffer, C.M. Bergeon Burns, M.S. Woodrey, M.F. Cashner, and S.S. Taylor. 2014. Population genetics of Seaside Sparrow (*Ammodramus maritimus*) subspecies along the Gulf of Mexico. *PLoS ONE* 9(11): e112739. doi:10.1371/journal.pone.0112739
72. Wu, Q., K. Chi, Y. Wu, and S Lee. 2014. Mechanical, thermal expansion, and flammability properties of co-extruded wood polymer composites with basalt fiber reinforced shells. *Materials and Design*, 60:334-342. (Impact factor = 2.91)
73. Wu, Y, C. Yao, Y. Hu, X. Zhu, Y. Qing and Q. Wu. 2014. Flame retardancy and thermal degradation behavior of red gum wood treated with hydrate magnesium chloride. *J. Industrial and Engineering Chemistry*, 20:3536-3542. (Impact factor = 2.2).
74. Wu, Y.; C. Yao; Y. Hu; X. Zhu; Y. Qing; and Q. Wu. 2014. Comparative performance of three magnesium compounds on thermal degradation behavior of red gum wood. *Materials*, 7,637-652. (Impact factor = 2.2)
75. Xie, J., C.Y. Hse, and T.F. Shupe. 2014. Liquefaction behaviors of bamboo residues in a glycerol-based solvent using microwave energy. *Journal of Applied Polymer Science*. 131(9):40207 (DOI: 10.1002/app.4027).
76. Xu, J., J. Jiang, C. Hse, and T.F. Shupe. 2014. Preparation of polyurethane foams using fractionated products in liquefied wood. *Journal of Applied Polymer Science*. 131(7):40096 (DOI: 10.1002/APP.40096).
77. Xu, Y. J. 2014. Rethinking the Mississippi River diversion for effective capture of riverine sediments. In Xu, Y.J., Allison, M.A., Bentley, S.J., Collins, A.L., Erskine W.D., Golosov, V, Horowitz, A.J., and Stone, M, (eds.): *Sediment Dynamics from the Summit to the Sea*, p463-470, IAHS Publication 367, Wallingford, UK.
78. Xu, Y.J., M.A Allison, S.J. Bentley, A.L. Collins, W.D. Erskine, V. Golosov, A.J. Horowitz, and M. Stone (eds.). 2014. *Sediment Dynamics from the Summit to the Sea*, IAHS Publication 367, Wallingford, UK, 470pp (ISSN 0144-7815).
79. Zhang, X., A. Duan, L. Dong, Q. V. Cao, and J. Zhang. 2014. The application of Bayesian model averaging in compatibility of stand basal area for even-aged plantations in southern China. *For. Sci.* 60:645-651.
80. Zhang, Z., K. Song, Y. Li, and Q. Wu. 2014. Non-isothermal crystallization of poly (vinylidene fluoride)/poly (methyl methacrylate) cellulose nanocrystal nanocomposites. *International Journal of Polymer Analysis and Characterization*. 19: 1-10. (Impact factor = 1.23)
81. Zhong, B. and Y.J. Xu. 2014. Predicting climate change effects on surface soil organic carbon of Louisiana, USA. *Environmental Monitoring and Assessment* 186:6169-6192.
82. Zhou, C, Q. Wu, T. Lei, and I. Negulescu. 2014. Adsorption kinetic and equilibrium studies for methylene blue dye by partially hydrolyzed polyacrylamide/cellulose nanocrystal nanocomposite hydrogels. *Chemical Engineering Journal*. 251:17-24. (Impact factor = 3.5)

83. Zhu, X., B.J. Kim, Q. Wang, and Q. Wu. 2014. Recent advances in the sound insulation properties of bio-based materials. *BioRes.* 9(1), 1764-1786. (Impact factor = 1.48).

1. Bonvillain, C. P., D. A. Rutherford, W. E. Kelso, and C. C. Green. 2013. Evaluation of hand-held meters for determination of hemolymph lactate and protein concentrations in red swamp crayfish *Procambarus clarkii*. *Journal of Crustacean Biology* 33:894-897.
2. Bonvillain, C. P., D. A. Rutherford, W. E. Kelso, and C. E. Murphy. 2013. Biotic and abiotic influences on population characteristics of *Procambarus clarkii* in the Atchafalaya River Basin, Louisiana. *Freshwater Crayfish* 19:125-136.
3. BryantMason, A., Y. J. Xu, and M. Altabet. 2013. Limited capacity of river corridor wetlands to remove nitrate - A case study on the Atchafalaya River Basin during the 2011 Mississippi River Flooding. *Water Resources Research*, doi:10.1029/2012WR012185.
4. Chang, S.J. 2013. Solving the problem of carbon dioxide emissions. *Forest Policy and Economics* 35(2013): 92-97.
5. Chen, Y., G. Zhang, Y. J. Xu, and Z. Huang. 2013. Changes in root-zone salt content and rice growth on saline-sodic soils across a salinity gradient under different irrigation schedules. *Journal of Food, Agriculture, and Environment* 11:1499-1505.
6. Chen, Y., G. Zhang, Y. J. Xu, and Z. Huang. 2013. Influence of irrigation water discharge frequency on soil salt removal and rice yield in a semi-arid and saline-sodic area. *Water* 5: 578-592; doi:10.3390/w5020578.
7. Creffield, J.W., M. Lenz, D.K. Scown, T.A. Evans, J.-H. Zhong, B.M. Kard, J.R.B. Hague, K.S. Brown, E.D. Freytag, J.P. Curole, W.R. Smith, and T.F. Shupe. 2013. International field trials of pyrethroid-treated wood exposed to *Coptotermes acinaciformis* in Australia and *C. formosanus* (Isoptera: Rhinotermitidae) in China and the USA. *Journal of Economic Entomology*. 106(1):329-337.
8. DaSilva, A., Y. J. Xu, G. Ice, J. Beebe, and R. Stich. 2013. Effects of timber harvesting with best management practices on ecosystem metabolism of a low gradient stream on the United States Gulf Coastal Plain. *Water* 5: 747-766.
9. DaSilva, A., Y. J. Xu, J. Beebe, and G. Ice. 2013. Effects of timber harvesting on dissolved oxygen in a northern Louisiana headwater stream. *Forest Science* 59: 127-138.
10. Dean, T.J., Jerez, M., and Cao, Q. V. 2013. A simple stand growth based a canopy dynamics and biomechanics. *Forest Science* 59: 335–344. Available from <http://dx.doi.org/10.5849/forsci.11-108>.
11. Dean, T.J., Roberts, S.D., and R.S. Seymour. 2013. Toward developing a direct relation between gross volume increment and stand density. *Canadian Journal of Forest Research* 49(9): 852-860.
12. Dimov, Luben D., Jim L. Chambers, Brian Roy Lockhart. 2013 Tree species exhibit complex patterns of distribution in bottomland hardwood forests. *Annals of Forest Science*. 70:813-823.
13. Edwards, J. V., N. Prevost, A. French, M. Concha, A. DeLucca, and Q. Wu. 2013. Nanocellulose-Based Biosensors: Design, Preparation, and Activity of Peptide-Linked Cotton Cellulose Nanocrystals Having Fluorimetric and Colorimetric Elastase Detection Sensitivity. *Engineering* 5, 20-28.
14. Gray, M.J., H.M. Hagy, J.A. Nyman, and J.D. Stafford. 2013. Management of wetland for wildlife. Pages 121-180 In J.T. Anderson and C.A. Davis 9eds. *Wetland Techniques: volume 3: applications and management*. Springer Science + Business Media Dordrecht. DOI 10.1007/978-94-007-6907-6\_4
15. Han, J., C. Zhou, A. D. French, G. Han, and Q. Wu. 2013. Characterization of cellulose II nanoparticles regenerated from ionic liquid, 1-butyl-3-methylimidazolium chloride. *Carbohydrate Polymers* 94 : 773– 781 (Impact factor = 3.469)
16. Han, J., C. Zhou, Y. Wu, F. Liu, and Q. Wu. 2013. Self-assembling behavior of cellulose nanoparticles during freeze drying: effect of suspension concentration, particle size, crystal structure, and surface charge. *Biomacromolecules*, 14:1529-1540 (Impact Factor=5.48).
17. Han, J., T. Lei, and Q. Wu. 2013. Facile preparation of mouldable polyvinyl alcohol-borax hydrogels reinforced by well-dispersed cellulose nanoparticles: physical, viscoelastic and mechanical properties, *Cellulose* 20:2947–2958. (Impact factor = 3.60)
18. Hansen, E., Panwar, R., & Vlosky, R. 2013. Understanding and managing change in the global forest sector. In Hansen, E., Panwar, R., & Vlosky R. (Eds.), *The global forest sector: Changes, practices, and prospects*: 3-14. Boca Raton: CRC press. ISBN 978-14-398-7927-6
19. Hansen, E., Panwar, R., & Vlosky, R. 2013. *The global forest sector: Changes, practices, and prospects*. Boca Raton: CRC press. 471 pp. ISBN 9781439879276

20. Henrichs, DW, Scott, PS, Steidinger, KA, Errera, RM, Abraham, A, Campbell, L. 2013. Morphology and phylogeny of *Prorocentrum texanum* sp. nov. (Dinophyceae): A new toxic dinoflagellate from the Gulf of Mexico coastal waters exhibiting two distinct morphologies. *Journal of Phycology* 49: 143-155.
21. Hu E, Liao TW and Tiersch TR. 2013. A quality assurance initiative for commercial-scale production in high-throughput cryopreservation of blue catfish sperm. *Cryobiology* 67:214-224.
22. Huang, R., B.J. Kim, S.Y. Lee, Y. Zhang, and Q. Wu. 2013. Co-extruded Wood Plastic Composites with talc Filled Shells: Morphology, Mechanical, and Thermal Expansion Performance. *BioResources* 8(2):2283-2299. (Impact factor = 1.48)
23. Huang, R., X. Xu, S. Lee, Y. Zhang, B.J. Kim, and Q. Wu. 2013. High Density Polyethylene Composite Reinforced with Hybrid Inorganic Fillers: Morphology, Mechanical and Thermal Expansion Performance. *Materials* 6:4122-4138. (Impact factor = 2.2)
24. Huang, X.D., C.Y Hse, and T.F. Shupe. 2013. Study on the mould-resistant properties of Moso bamboo treated with high pressure and amylase. *BioResources*. 9(1):497-509.
25. Huang, Z., Wu, Q., Liu, S., and Zhang, B. 2013. A novel biodegradable  $\beta$ -cyclodextrin-based hydrogel for the removal of heavy metal ions. *Carbohydrate Polymers* 97(2):496-501 (Impact factor = 4.04)
26. Jiayuan Zhao, Xiaoxuan Zheng, Robert A. Newman, Yang Zhong, Zhijun Liu & Peng Nan. 2013. Chemical composition and bioactivity of the essential oil of *Artemisia anomala* from China. *Journal of Essential Oil Research* 25 (6): 520-525. DOI: 10.1080/10412905.2013.820670.
27. Kaller, M. D., C. E. Murphy, W. E. Kelso, and M. Stead. 2013. Basins for fish and ecoregions for macroinvertebrates: different spatial scales are needed to assess Louisiana wadeable streams. *Transactions of the American Fisheries Society* 142:767-782.
28. Kaller, M. D., W. E. Kelso, and J. C. Trexler. 2013. Wetland fish monitoring and assessment. Pages 197-263 in: J. T. Anderson and C. A. Davis, editors. *Wetland techniques: Volume 2: Organisms*. DOI 10.1007/978-94-007-6931-1\_6, ©Springer Science+Business Media Dordrecht, Netherlands.
29. Kaller, M.D., C.E. Murphy, W.E. Kelso, and M.R. Stead. 2013. Basins for fish and ecoregions for macroinvertebrates: Different spatial scales are needed to assess Louisiana wadeable streams. *Transactions of the American Fisheries Society*. 142: 767-782.
30. Kang, S.-R. and M.D. Kaller. 2013 Foraging habitat use of breeding barn swallow (*Hirundo rustica*) in farmland, estuary, and island. *Open Journal of Ecology* 3:30-33.
31. Keim. R.F., J.A. Zoller, D.H. Braud and B. Edwards. 2013. Classification of forested wetland degradation using ordination of multitemporal reflectance. *Wetlands* 33:1103-1115.
32. Kim, B. J., F. Yao, G. Han, Q. Wang, and Q. Wu. 2013. Mechanical and Physical Properties of Core-Shell Structured Wood Plastic Composites: Effect of Shells with Hybrid Mineral and Wood Fillers. *J. Composite Part B*. 45:1040-1048. (Impact factor = 2.24)
33. Kim, J.H., E.S. Choi, J.H. Kim, S.J. Chun, Q. Wu, S.Y. Lee, and S.Y. Lee. 2013. Colloidal Silica Nanoparticle-assisted Structural Control of Cellulose Nanofiber paper separators for Lithium-Ion Batteries. *J. Power Sources*. 243:533-540. (Impact Factor=4.95)
34. Kuhl, A.J., J.A. Nyman, M.D. Kaller, and C.C. Green. 2013. Dispersant and salinity effects on weathering and acute toxicity of South Louisiana Crude oil. *Environmental Toxicology and Chemistry* 32:2611-2620.
35. Li, P., B. J. Kim, Q., Wang, and Q. Wu. 2013. Experimental and numerical analysis of sound insulation property of filled wood plastic composites (WPCs) filled with Precipitated CaCO<sub>3</sub>. *Holzforschung* 67(3): 301–306 (Impact Factor=2.41)
36. Li, P., Q., Wu, and Y., Tao. 2013. Fractal dimension analysis of void size in wood-strand composites based on X-ray computer tomography images. *Holzforschung* 67(2):177-182. (Impact Factor=2.41)
37. Li, Y., Du, L., Kai, C., Huang, R., and Wu, Q. 2013. Bamboo and high density polyethylene composite with heat-treated bamboo fiber: Thermal decomposition properties. *BioResources* 8(1):900-912 (IF=1.48)
38. Liu, T., Y. Lei, Q. Wang, S. Lee, and Q. Wu. 2013. Effect of fiber type and coupling treatment on properties of high-density polyethylene/natural fiber composites. *BioResources*. 8(3):4619-4632. (Impact factor = 1.48)

39. Mokross, K., T.B. Ryder, M.C. Côrtes, J. D. Wolfe, and P.C. Stouffer. 2013. Decay of interspecific avian flock networks along a disturbance gradient in Amazonia. *Proceedings of the Royal Society Series B* 281: 20132599. DOI: 10.1098/rspb.2013.2599
40. Morris, J.T., G.P. Shaffer, and J.A. Nyman. 2013. Brinson Review: perspectives on the influence of nutrients on the sustainability of coastal wetlands. *Wetlands* 33:975-988. DOI: 10.1007/s13157-013-0480-3.
41. Nepal, P., P. Ince, K. Skog, and S.J. Chang. 2013. Forest carbon benefits, costs, and leakage effects on carbon reserve scenarios in the United States. *Journal of Forest Economics* 19(3): 286-306.
42. Newman, A.E., and R.F. Keim. 2013. Mesoscale connectivity through a natural levee. *Hydrology and Earth Systems Sciences* 17:691-704.
43. Nyman, J.A., D.M. Baltz, M.D. Kaller, P.L. Leberg, C. Parsons Richards, R.P. Romaine, and T.M. Soniat. 2013. Likely changes in habitat quality for fish and wildlife in coastal Louisiana during the next 50 years. *Journal of Coastal Research Special Issue* 67:60-74. DOI: 10.2112/SI\_67\_5.
44. Perera, P. and R.P. Vlosky. 2013. How previous visits shape trip quality, perceived value, satisfaction, and future behavioral intentions: The case of forest-based ecotourism in Sri Lanka. *International Journal of Sport Management, Recreation and Tourism*. 11(a), 1-24 <http://www.ijsmart.eu/Contents.aspx?Y=2013&V=11&Is=a>
45. Pieron, M., F. Rohwer, M. Chamberlain, M. Kaller, and J. Lancaster. 2013. Breeding duck pair response to predator reduction in North Dakota. *Journal of Wildlife Management* 77: 663-671.
46. Poudel, K., and Q. V. Cao. 2013. Evaluation of methods to predict Weibull parameters for characterizing diameter distributions. *For. Sci.* 59:243-252.
47. Powell, L.L., P.C. Stouffer, and E.I. Johnson. 2013. Recovery of understory bird movement across the interface of primary and secondary Amazon rainforest. *The Auk* 130: 459-468. DOI: 10.1525/auk.2013.12202
48. Qi, J., J. Xie, C.Y. Hse, and T.F. Shupe. 2013. Analysis of *Phyllostachys pubescens* bamboo residues for liquefaction: Chemical components, infrared spectroscopy, and thermogravimetry. *BioResources* 8(4):5644-5654.
49. Quan-guo Zhang, Zhi-ping Zhang, Huan Zhang, Yan-yan Jing, Qing-lin Wu, Guang-yin Xv, Jian-zhi Yue, You-zhou Jiao, Yi Wang Pretreatment and properties of ultrastructural straw used for biological hydrogen production American Society of Agricultural and Biological Engineers, 131631085, 2013 Kansas City, Missouri, July 21 - July 24, 2013. (doi: <http://dx.doi.org/10.13031/aim.20131631085>)
50. Reigh, R.C., and M.B. Williams. 2013. Amino acid availability of selected plant products and fish meal for American alligator (*Alligator mississippiensis*). *Aquaculture* 412-413: 81-87. (doi: 10.1016/j.aquaculture.2013.07.003)
51. Reigh, R.C., M.B. Williams and C.G. Lutz. 2013. Dietary needs of farm-raised alligators. *Louisiana Agriculture* 56(3): 6-8.
52. Ringelman, K. M. and M. J. Stupaczuk. 2013. Dabbling ducks increase nest defense after partial clutch loss. *Condor* 115(2):1-8.
53. Rosen, T., and Y.J. Xu. 2013. Recent decadal growth of the Atchafalaya River Delta complex: effects of variable riverine sediment input and vegetation succession. *Geomorphology*, 10.1016/j.geomorph.2013.04.020.
54. Rosen, T., Y.J. Xu, Z. Ma, and X. Xu. 2013. What can we learn from recent development of the Atchafalaya River Delta, USA and the Yellow River Delta, China? In Y. Gorden and G. Perillo (ed.): *Deltas: Landforms, Ecosystems and Human Activities*, p209-217, IAHS Publication 358, Wallingford, UK.
55. Sharma, P, J.A. Romagnoli, R. Vlosky. 2013. Options analysis for long-term capacity design and operation of a lignocellulosic biomass refinery. Original Research Article. *Computers & Chemical Engineering*, Volume 58, 11 November 2013, Pages 178-202.
56. Sharma, P., J. Romagnoli, and R.P. Vlosky. 2013. Strategic Value Optimization and Analysis of Multi-product Biomass Refineries with Multiple Stakeholder Considerations. *Computers and Chemical Engineering*. March 5. 50(105-129).
57. Stouffer, P.C., E.I. Johnson, and R.O. Bierregaard, Jr. 2013. Breeding seasonality in central Amazonian rainforest birds. *The Auk* 130: 529-540. DOI: 10.1525/auk.2013.12179
58. Stratford, J.A. and P.C. Stouffer. 2013. Microhabitat associations of terrestrial insectivorous birds in Amazonian rainforest and second-growth forests. *Journal of Field Ornithology* 84: 1-12. Doi: 10.1111/jfo.12000
59. Taylor, S.S., S. Woltmann, A. Rodriguez, and W.E. Kelso. 2013. Hybridization of white, yellow and striped bass in the Toledo Bend Reservoir. *Southeastern Naturalist* 12:514-522.

60. Vlosky, R.P. and D. Terrell. 2013. Forest-based Energy Production: Implications for Rural Development in Louisiana, USA. In: Innovation as the Source of Values in Forestry, Wood Processing, and Furniture Manufacturing. WoodEMA, Visgrad Innovations. ISBN 978-83-63978-07-5 Page 21 in Summary and 10 pages in Conference CD.
61. Wolfe, J.D., E.I. Johnson, P.C. Stouffer, F. Owens, E. Deleon, E. Liffmann, K. Brzeski, S. Utley, D. Mooney, C. Coco, and G. Grandy. 2013. Annual survival of birds captured in a habitat island bordered by the urban matrix of Baton Rouge. *Southeastern Naturalist* 12: 492-299. <http://dx.doi.org/10.1656/058.012.0306>
62. Wu, Q., F. Yao, C. Mei, and D. Zhou. 2013. Thermal degradation of rice straw fibers: global kinetic modeling with isothermal thermogravimetric analysis. *Journal of Industrial and Engineering Chemistry*. 19 (2):670-676. (Impact Factor=2.24)
63. Xie, J., J. Qi, C.Y. Hse, and T.F. Shupe. 2013. Effect of lignin derivatives in the bio-polyols from microwave liquefied bamboo on the properties of polyurethane foams. *BioResources* 9(1):578-588.
64. Xie, J., X. Huang, J. Qi, C.Y. Hse, and T.F. Shupe. 2013. Effect of anatomical characteristics and chemical components on microwave-assisted liquefaction of bamboo wastes. *BioResources* 9(1):231-240.
65. Xiong, W., Q. Wu, and C.S. Cai. 2013. Mechanical and Thermal Performance of Coextruded Wood Plastic Composites for Structural Applications. *Advances in Structural Engineering*, 16(5): 909-930. (Impact factor = 0.48)
66. Xu, J., J. Jiang, C.Y. Hse, T.F. Shupe. 2013. Effect of methanol on the liquefaction reaction of biomass in hot compressed water. *Energy & Fuels*. 27:4791-4795.
67. Xu, X., D. Zhou, and Q. Wu. Influences of layered structure on physical and mechanical properties of kenaf core particleboard. *BioResources* 8(4):5219-5234. (Impact factor = 1.48)
68. Xu, X., S. Lee, Y. Wu, and Q. Wu. 2013. Decay and mold performance of borate modified OSB from southern wood species. *Bioresources* 8(1):104-114. (Impact factor = 1.48)
69. Xu, Y. and R. Mesmer. 2013. The dynamics of dissolved oxygen and metabolic rates in a shallow subtropical urban lake, Louisiana, USA. In A. Berit (ed.): *Understanding Freshwater Quality Problems in A Changing World*, p212-219, IAHS Publication 361, Wallingford, UK.
70. Xu, Y.J. 2013. Mississippi River management – A perspective from sediment yield in coastal Louisiana. In: *Ensuring Water Right of the River's Demand and Healthy River Basin Management*, p xxx-yyy, Yellow River Press, Zhengzhou, China. (in press)
71. Xu, Y.J. 2013. Transport and retention of nitrogen, phosphorus, and carbon in North America's largest river swamp basin, the Atchafalaya River Basin. *Water* 5:379-393; doi: 10.3390/w5020379.
72. Yang H, Supan J, Guo X and Tiersch TR. 2013. Nonlethal sperm collection and cryopreservation in the eastern oyster *Crassostrea virginica*. *Journal of Shellfish Research* 32:429-437.
73. Yang H, Walter RB and Tiersch TR. 2013 (©2010). Current status of sperm cryopreservation in the genus *Xiphophorus*. In: H. Grier and M. C. Uribe, editors. *Viviparous Fishes II*. New Life Publications, Homestead, FL. 403-413.
74. Yang, X.Q., H. Pan, T. Zeng, T.F. Shupe, C.Y. Hse. 2013. Extraction and characterization of seed oil from naturally-grown Chinese tallow trees. *J. Industrial Crops & Products*. 90:459-466.
75. Zhou, C., Q. Shi, L. Terrell, D. Hayes, W. Guo, and Q. Wu. 2013. Electrospun bio-nanocomposite scaffolds for bone tissue engineering by cellulose nanocrystals reinforcing maleic anhydride grafted PLA. *ACS J. Applied Materials and Interface*. 2013, 5 (9): 3847–3854 (Impact Factor=5.90)
76. Zhou, C., S. Lee, K. Dooley, and Q. Wu. 2013. A facile approach to fabricate porous nanocomposite gels based on partially hydrolyzed polyacrylamide and cellulose nanocrystals for absorbing methylene blue at low concentration. *Journal of Hazardous Materials*: 263: 334– 341. (Impact factor = 4.17)

1. Bonvillain, E. P., D. A. Rutherford, W. E. Kelso, and C. G. Green. 2012. Physiological biomarkers of hypoxic stress in red swamp crayfish *Procambarus clarkia* from field and laboratory experiments. *Comparative Biochemistry and Physiology (Part A)* 163:15-21.
2. BryantMason, A., and Y. J. Xu. 2012. The record 2011 spring flood of the Mississippi River - How much nitrate was exported from its largest tributary, the Atchafalaya River, into the Gulf of Mexico? *Journal of Hydrologic Engineering*, DOI: 10.1061/(ASCE)HE.1943-5584.0000660.
3. BryantMason, A., Y. J. Xu, and M. Altabet. 2012. Isotopic signature of nitrate in river waters of the lower Mississippi and its tributary, the Atchafalaya. *Hydrological Processes*, DOI: 10.1002/hyp.9420.
4. Coble, D. W., Q. V. Cao, and L. Jordan. 2012. An annual tree survival and diameter growth model for loblolly and slash pine plantations in east Texas. *South. J. Appl. For.* 36:79-84.
5. Daly J and Tiersch TR. 2012. Sources of variation in flow cytometric analysis of sperm from aquatic species: The effect of cryoprotectants on flow cytometry scatter plots and subsequent population gating. *Aquaculture* 370-371:179-188.
6. Day J.W., R. Hunter, R.F. Keim, R. DeLaune, G. Shaffer, E. Evers, D. Reed, C. Brantley, P. Kemp, J. Day, and M. Hunter. 2012. Ecological response of coastal wetlands with and without large-scale Mississippi River input: implications for management. *Ecological Engineering* 46:57-67.
7. Dean, T.J. 2012. A Simple Case for the Term Tolerance. *Journal Forestry* 110: 463–464.
8. Dong, L.Q., G. X. Zhang, and Y. J. Xu. 2012. Effects of climate change and human activities on runoff in the Nenjiang River Basin, Northeast China. *Hydrology and Earth Science Systems*, doi:10.5194/hessd-9-11521-2012.
9. Edwards, J. V., N. T. Prevost, B. Condon, A. French and Q. Wu. 2012. Immobilization of lysozyme-cellulose amide-linked conjugates on cellulose I and II cotton nanocrystalline preparation. *Cellulose* 19:495–506. (Impact Factor=3.60)
10. Fisher, J. C., W. E. Kelso, and D. A. Rutherford. 2012. Macrophyte-mediated predation on hydrilla-dwelling macroinvertebrates. *Fundamental and Applied Limnology* 181:25-38.
11. Fisher, R.A., J.J. Valente, M.P. Guilfoyle, M.D. Kaller, S.S. Jackson, and J.T. Ratti. 2012. Bird community response to vegetation cover and composition in riparian habitats dominated by Russian Olive (*Elaeagnus angustifolia*). *Northwest Science* 86: 39-52.
12. Fisher, R.A., S.A. Gauthreaux, Jr., J.J. Valente, M.P. Guilfoyle, and M.D. Kaller. 2012. Comparing transect survey and WSR-88D radar methods for monitoring daily changes in stopover migrant communities. *Journal of Field Ornithology* 83: 61-72.
13. Green, C.G., W.E. Kelso, M.D. Kaller, K. Gautreaux, and D.G. Kelly. 2012. Potential for naturalization of nonindigenous Blue Tilapia *Oreochromis aureus* in coastal Louisiana marshes based on integrating thermal tolerance and field data. *Wetlands* 32: 717-723.
14. Guan, X., R. Cueto, P. Russo, Y. Qi, and Q. Wu. 2012. Asymmetric Flow field-flow fractionation with multiangle light scattering detection for characterization of cellulose nanocrystals. *Biomacromolecules* 13:2671-2679 (Impact Factor=5.48)
15. Guitreau AM, Eilts BE, Novelo ND and Tiersch TR. 2012. Fish handling and ultrasound procedures for viewing the ovary of submersed, non-anesthetized, unrestrained channel catfish. *North American Journal of Aquaculture* 74:182-187.
16. Hagedorn M, Carter C, Martorana K, Paresa MK, Acker J, Baums IB, Borneman E, Brittsan M, Byers M, Henley M, Laterveer M, Leong J, McCarthy M, Meyers S, Nelson BD, Petersen D, Tiersch TR, Cuevas-Uribe R, Woods E and Wildt D. 2012. Preserving and using germplasm and dissociated embryonic cells for conserving Caribbean and Pacific Coral. *PLoS ONE* 7:e33354 (1-13).
17. Hse, C.Y., T.F. Shupe, and B. Yu. 2012. Rapid microwave-assisted acid extraction of metals from chromated copper arsenate (CCA)-treated southern pine wood. *Holzforschung*. ISSN (Online) 1437-434X, ISSN (Print) 0018-3830, DOI: 10.1515/hf-2012-0073.
18. Hse, C.Y., T.F. Shupe, H. Pan, and F. Feng. 2012. Veneer-reinforced particleboard for exterior structural composition board. *Forest Products Journal*. 62(2):139-145.
19. Huang, R., W. Xiong, X. Xu, and Q. Wu. 2012. Thermal Expansion Behavior of Co-extruded Wood Plastic Composites with Glass-fiber Reinforced Shells. *Bioresources* 7(4):5514-5526. (Impact factor = 1.48)

20. Huang, R., Y. Zhang, X. Xu, D. Zhou, and Q. Wu. 2012. Effect of Hybrid Mineral and Bamboo Fillers on Thermal Expansion Behavior of Bamboo Fiber and Recycled polypropylene–polyethylene Composites. *BioResources* 7(4), 4563-4574. (Impact factor = 1.48)
21. Johnson, E.I., P.C. Stouffer, and R.O. Bierregaard, Jr. 2012. The phenology of molting, breeding, and their overlap in central Amazonian birds. *Journal of Avian Biology* 43: 141-154. Doi: 10.1111/j.1600-048X.2011.05574.x
22. Keim, R.F., and J.B. Amos. 2012. Dendrochronological analysis of baldcypress responses to climate and contrasting flood regimes. *Canadian Journal of Forest Research* 42:423-436.
23. Keim, R.F., C.W. Izdepski, and J.W. Day Jr. 2012. Growth response of baldcypress to wastewater nutrient additions and changing hydrological regime. *Wetlands* 32:95-103.
24. Kelso, W.E., M.D. Kaller, and D. A. Rutherford. 2012. Chapter 9. Collection, Preservation, and Identification of Ichthyoplankton and Zooplankton. Pages 363-451 in A. V. Zale, D. L. Parrish, and T. M. Sutton, editors. *Fisheries Techniques*, third edition. American Fisheries Society, Bethesda, Maryland.
25. Kim, B.J., F. Yao, G. Han, and Q. Wu. 2012. Performance of bamboo plastic composite with hybrid bamboo and precipitated calcium carbonate fillers. *Polymer Composites* 33: 68-78. (Impact Factor=0.998).
26. King, S.L., L.L. Battaglia, C.R. Hupp, R.F. Keim, and B.G. Lockaby. 2012. Southeastern lowland river floodplains. P. 253-266 in *Wetland Habitats of North America: Ecology and Conservation Concerns*, D. Batzer and A. Baldwin, eds. University of California.
27. Kuzman, M.K., D. Motik, K. Bičanić, L. Oblak, and R.P. Vlosky. 2012. A Comparative Analysis of Consumer Attitudes on the Use of Wood Products in Slovenia and Croatia. *Drvna Industrija (Wood Industry) – Croatia* 63(2):71-79.
28. La Peyre, M. K., A. Nix, L. P. Laborde, Jr., and B. Piazza. 2012. Gauging state-level and user group views of oyster reef restoration activities in the northern Gulf of Mexico. *Ocean & Coastal Management* 67:1-8.
29. Laborde, L. P. Jr., F. C. Rohwer, and M. D. Kaller. 2012. Contrast of waterfowl hunter surveys: open web and random mail surveys produce similar policy results. *Southeastern Association of Fish and Wildlife Agencies* 66:140-145. (Note: based on 2012 Survey of Louisiana Waterfowl Hunters.)
30. Laborde, L.P., F.C. Rohwer, M.D. Kaller, and L. Reynolds. 2012. Contrasts of waterfowl hunter surveys: open web and random mail surveys produce similar policy results. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 66: 140-145.
31. Lech G.P., and R.C. Reigh. 2012. Plant products affect growth and digestive efficiency of cultured Florida pompano (*Trachinotus carolinus*) fed compounded diets. *PLoS ONE* 7(4): e34981. doi:10.1371/journal.pone.0034981.
32. Li, Y., Q. Wu, J. Li, Y. Liu, X. Wang, and Z. Liu. 2012. Improvement of dimensional stability of wood via combination treatment: swelling with maleic anhydride and grafting with glycidyl methacrylate and methyl methacrylate. *Holzforschung* 66: 59–66. (Impact Factor=2.41)
33. Liao TW, Hu E and Tiersch TR. 2012. A Metaheuristic approach to grouping problems in high-throughput cryopreservation operations for fish sperm. *Applied Soft Computing* 12:2040-2052.
34. Lutz, C.G., and M. Richard. 2012. Impacts of secondary and tertiary recruitment on overall production and yield of *Procambarus clarkii* (Girard) under simulated commercial conditions. *Freshwater Crayfish* 19(1).
35. Nahiduzzaman M, Hassan MM, Roy PK, Hossain MA, Hossain MAR, and Tiersch TR. 2012. Sperm cryopreservation of the Indian major carp, *Labeo calbasu*: Effects of cryoprotectants, cooling rates and thawing rates on egg fertilization. *Animal Reproduction Science* 136:133-138.
36. Nepal, P., P.J. Ince, K.E. Skog, and S. J. Chang. 2012. Developing inventory projection models using empirical net forest growth and growing stock density relationships across US regions and species groups. Research Paper FPL-RP-668. Madison, WI: U.S. Department of Agriculture, Forest Service, Forest Products Laboratory. 20 p.
37. Nepal, P., P.J. Ince, K.E. Skog, and S. J. Chang. 2012. Projection of U.S. forest sector carbon sequestration under U.S. and global timber market and wood energy consumption scenarios, 2010-2060. *Biomass and Bioenergy* 45(2012): 251-264.
38. Novelo ND and Tiersch TR. 2012. A review of the use of ultrasonography in fish reproduction. *North American Journal of Aquaculture* 74:169-181.
39. Nyman, J.A. and R.H. Chabreck. 2012. Managing Coastal Wetlands for Wildlife. pages 133-156 In N.J. Silvy (editor) *The Wildlife Techniques Manual*. 7th edition, volume 2. ISBN-13: 978-4214-0159-1



40. Panwar R., R.P. Vlosky and E. Hansen. 2012. Gaining Competitive Advantage in the New Normal Cover and Feature Article. *Forest Prod. J.* 62(6)
41. Parajuli, R. and S.J. Chang. 2012. Carbon sequestration and uneven-aged management of loblolly pine stands in the Southern USA: A joint optimization approach. *Forest Policy and Economics* 22; 65-71.
42. Park DS, Egnatchik R, Bordelon H, Tiersch TR and Monroe WT. 2012. Microfluidic mixing for sperm activation and motility analysis of pearl Danio zebrafish. *Theriogenology* 78:334-344.
43. Perera, P., R.P. Vlosky and S. Wahala. 2012. Motivational and Behavioral Profiling of Visitors to Forest-based Recreational Destinations in Sri Lanka. *Asia Pacific Journal of Tourism Research*. Routledge. Taylor & Francis Group. 17(4):451-467.
44. Pirc Barcic, A., R.P. Vlosky, and D. Motik. 2012. Deconstructing Innovation: An Exploratory Study of the U.S. Furniture Industry. *Forest Prod. J.* 61(8):635-643.
45. Ringelman, K. M., J. M. Eadie, and J. T. Ackerman. 2012. Density-dependent nest predation in waterfowl: the relative importance of nest density versus nest dispersion. *Oecologia* 169(3):695–702.
46. Scherr T, Quitadamo C, Tesvich P, Park D, Tiersch TR, Hayes D, Choi JW, Nandakumar K and Monroe WT. 2012. A planar microfluidic mixer based on logarithmic spirals. *Journal of Micromechanics and Microengineering* 22:055019 (1-10).
47. Shang, L. G. Han, F. Zhu J. Ding, T. Shupe, Q. Wang, and Q. Wu. 2012. High-Density Polyethylene-based Composites with Pressure-treated Wood Fibers. *Bioresources* 7(4):5181-5189. (Impact factor = 1.48)
48. Sheldon, F.H., C.H. Oliveros, S.S. Taylor, B. McKay, H.-C. Lim, M.A. Rahman, H. Mays, and R.G. Moyle. 2012. Molecular phylogeny and insular biogeography of the lowland tailorbirds of Southeast Asia (Cisticolidae: *Orthotomus*). *Molecular Phylogenetics and Evolution* 65:54-63.
49. Shi, Q., C. Zhou, Y. Yue, W. Guo, Y. Wu, and Q. Wu. 2012. Mechanical properties and in vitro degradation of electrospun bio-nanocomposite mats from PLA and cellulose nanocrystals. *Carbohydrate Polymers* 87:1779–1786. (Impact factor = 3.469)
50. Shupe, T.F. and C. Piao. 2012. The termiticidal properties of superhydrophobic wood surfaces treated with ZnO nano rods and stearic acid. *European Journal of Wood and Wood Products.* (70):531–535.
51. Sih, A., A. Bibian, N. DiRienzo, X. X. Meng, P-O. Montiglio and K. M. Ringelman. 2012. On the benefits of studying mechanisms underlying behavior. In P. Crowley, T. Zentall, eds., *Comparative decision making*. Oxford University Press.
52. Smithhart, R., R. Vlosky, M. Blazier, P. Darby, G. Hughes, and D. Terrell. 2012. Bio-based Paths to Prosperity for Small and Medium Forest Landowners: a Pilot Study in Southwest Louisiana *Open Journal of Forestry.* 12(4)272-278.
53. Song, X., C. Zhou, F. Fu, Z. Chen, and Q. Wu. 2012. Effect of High-pressure Homogenization on Particle Size and Film Properties of Soy Protein Isolate. *J. of Industrial Crops and Products* 43:538-544. (Impact Factor=2.47)
54. Taylor, S.S., D.A. Jenkins and P.A. Arcese. 2012. Loss of Mhc and neutral variation in Peary caribou: genetic drift is not mitigated by balancing selection or exacerbated by Mhc allele distributions. *PLoS ONE* 7:e36748.
55. Varga Z and Tiersch TR. 2012. Workshop and panel discussion: high-throughput cryopreservation of germplasm as an exchange currency for genetic resources. *Comparative Biochemistry and Physiology, Part C*, 155:167-168.
56. Vlosky, R.P. and R. Panwar. 2012. Competing in a Global Recession. *Proceedings of the IUFRO (International Union of Forest Research Organizations) Division 5 International Conference.. Estoril, Portugal. July 8-13.*
57. Vlosky, R.P., M.A. Blazier, R. Smithhart, G. Hughes, P. Darby and D. Terrell. 2012. Potential for Forest-Based Bioenergy Production for Small and Medium Forest Owners in the Southeast USA *Proceedings of the 2012 IUFRO 3.08 Small-scale Forestry Conference. Amherst, Massachusetts USA September 24-27.*
58. W.A.R.T.W. Bandara and R.P. Vlosky. 2012. An Analysis of the U.S. Wood Products Import Sector: Prospects for Tropical Wood Products Exporters. *Journal of tropical Forestry and Environment. Vol 2, No 2, 49-62pp (Sri Lanka)*
59. Wang, F. and Y.J. Xu. 2012. Remote sensing to predict estuarine water salinity. In N.B. Chang (ed.): *Environmental Remote Sensing and Systems Analysis*, p85-107, Taylor & Francis Group /CRC Press.
60. Wu, Q., Y. Lei, K. Lian, and Y. Qi. 2012. Copper/carbon core shell nanoparticles (CCCSNs) as additive for natural fiber/wood plastic blends. *Bioresources* 7(3), 3213-3222. (Impact Factor=1.50)

61. Xu, J., J. Jiang, C.Y. Hse, T.F. Shupe. 2012. Renewable chemical feedstocks from integrated liquefaction processing of lingocellulosic materials using microwave energy. *Green Chem.* DOI: 10.1039/c2gc35805k.
62. Xu, Y.J. and T. Rosen. 2012. Are riverine sediment discharges sufficient to offset the sinking coast of Louisiana? In: *Erosion and Sediment Yields in the Changing Environment*, p104-113, IAHS Publication 356, Wallingford, UK.
63. Yang H, Cuevas-Uribe R, Savage MG, Walter RB and Tiersch TR. 2012. Sperm cryopreservation in live-bearing Xiphophorus fishes: offspring production from *Xiphophorus variatus* and strategies for establishment of sperm repositories. *Zebrafish* 9:126-134.
64. Yang H, Hu E, Cuevas-Uribe R, Supan J, Guo X and Tiersch TR. 2012. High-throughput sperm cryopreservation of eastern oyster *Crassostrea virginica*. *Aquaculture* 344-349:223-230.
65. Yang, X.Q., C.Y. Hse, and T.F. Shupe. 2012. Extraction and characterization of seed oil from naturally-grown Chinese tallow trees. *Journal of the American Oil Chemists' Society.* (DOI) 10.1007/s11746-012-2178-8
66. Yu, K., T.G. Pypker, R.F. Keim, N. Chen, Y. Yang, Q. Guo, and G. Wang. 2012. Canopy rainfall storage capacity as affected by sub-alpine grassland degradation in the Qinghai-Tibetan Plateau, China. *Hydrological Processes* 26:3114-3123.
67. Yue, Y., C. Zhou, Alfred D. French, X., Guan, G. Han, Q. Wang, and Q. Wu. 2012. Comparative properties of cellulose nano-crystals from native and mercerized cotton fibers. *Cellulose* 19:1173-1187. (Impact Factor=3.60)
68. Zhang, Fang, Gar Yee Koh, Javoris Hollingsworth, Paul S. Russo, Rhett W. Stout, Zhijun Liu. 2012. Reformulation of etoposide with solubility-enhancing rubusoside. *International Journal of Pharmaceutics* 434: 453-459. PMID: 22698860.
69. Zhou, C. and Q. Wu. 2012. Recent development in the application of cellulose nanocrystals for advanced polymer-based nanocomposites by novel fabrication. *Nanocrystals*, In *NANOCRYSTALS - SYNTHESIS, CHARACTERIZATION AND APPLICATIONS* edited by Sudheer Neralla. ISBN 979-953-307-779-5. InTech. Rijeka, Croatia. pp 103-120.
70. Zhou, C., X. Qiu, Q. Zhuang, Z. Han, and Q. Wu. 2012. In situ polymerization and photophysical properties of poly(p-phenylene benzobisoxazole)/multiwalled carbon nanotubes composites. *J. Applied Poly. Sci.* 124:4740-4746. (Impact Factor=1.24)

1. A.G. Nor Suryani, H.O. Mohd Shahwahid, P. Ahmad Fauzi, and R.P. Vlosky. 2011. An Assessment of Chain-of-Custody Certification Costs of Sawntwood Manufacturers in Peninsular Malaysia. *Journal of Tropical Forest Science*. Forest Research Institute, Malaysia. 23(2):159-165.
2. Allen II, M. G., D. W. Coble, Q. V. Cao, J. Yeiser, and I. Hung. 2011. A modified stand table projection growth model for unmanaged loblolly and slash pine plantations in east Texas. *South. J. Appl. For.* 35:115-120.
3. Baffoe, A. and R.P. Vlosky. 2011. Forest Certification: Implications for Sustainable Forest Management and Timber Export Trade In Ghana. LAP Lambert Academic Publishing. ISBN 978-3-8433-9306-5, Paperback, 124 pages.
4. Boever BP, Harrison RW and Tiersch TR. 2011. Willingness-to-pay for specific genetic improvements for aquaculture species. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 917-930 (chapter 94).
5. Bonvillain, C. P., B. T. Halloran, K. M. Boswell, W. E. Kelso, A. R. Harlan, and D. A. Rutherford. 2011. Acute physicochemical effects in a large river-floodplain system associated with the passage of Hurricane Gustav. *Wetlands* 31:979-987.
6. Brooks, M.E. and P.C. Stouffer. 2011. Interspecific variation in habitat preferences of grassland birds wintering in southern pine savannas. *Wilson Journal of Ornithology* 123: 65-75.
7. BryantMason, A. Y.J. Xu. 2011. Nutrient removal from Atchafalaya during 2011 flood. *Louisiana Agriculture* 54(4): 8-9.
8. Cao, Q. V., and J. Wang. 2011. Calibrating fixed- and mixed-effects taper equations. *For. Ecol. Mgt.* 262:671-673.
9. Cao, Q. V., and T. J. Dean. 2011. Modeling crown structure from LiDAR data with statistical distributions. *For. Sci.* 57:359-364.
10. Chang, S.J. and P. Deegen. 2011. Pressler's indicator rate formula as a guide for forest management in a dynamic world of unanticipated changes. *Journal of Forest Economics* 17: 258-266.
11. Cuevas-Uribe R and Tiersch T. 2011. Estimation of fish sperm concentration by use of spectrophotometry. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 162-200 (chapter 12).
12. Cuevas-Uribe R and Tiersch TR. 2011. Non-equilibrium vitrification: an introduction and review of studies done in fish. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 309-324 (chapter 23).
13. Cuevas-Uribe R, Leibo SP, Daly J and Tiersch TR. 2011. Production of channel catfish with sperm cryopreserved by rapid non-equilibrium cooling. *Cryobiology* 63:186-197.
14. Cuevas-Uribe R, Yang H, Daly J, Savage MG, Walter RB and Tiersch TR. 2011. Production of F1 offspring with vitrified sperm from a live-bearing fish, the green swordtail *Xiphophorus helleri*. *Zebrafish* 8:167-179.
15. Daly J and Tiersch TR. 2011. Flow cytometry for the assessment of sperm quality in aquatic species. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 201-207 (chapter 13).
16. Dong Q, Huang C and Tiersch TR. 2011. The need for standardization in cryopreservation: a case study with oysters. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 581-593 (chapter 45).
17. Du, T., T.F. Shupe, and C.Y. Hse. 2011. Antifungal activities of three supercritical fluid extracted cedar oils. *Holzforschung*. 65:277-284.
18. Errera, RM, Campbell, L. 2011. Osmotic stress triggers toxin production by the dinoflagellate *Karenia brevis*. *Proceeding of the National Academy of Sciences of the United States of America* 108 (26): 10597-10601.
19. Ford, M., and J.A. Nyman. 2011. Preface: an overview of the Atchafalaya River. *Hydrobiologia*. 658:1-5. DOI: 10.1007/s10750-010-0469-3
20. Glenn III DW and Tiersch TR. 2011. Performance of an improved temperature-controlled incubator. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 723-727 (chapter 68).
21. Glenn III DW, Lang RP and Tiersch TR. 2011. Evaluation of extenders for refrigerated storage of koi carp and goldfish sperm. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 107-124 (chapter 8).

22. Green, C. C., K. M. Gautreaux, R. A. Pérez Pérez, and C. G. Lutz. 2011. Comparative physiological responses to increasing ambient salinity levels in red swamp crawfish *Procambarus clarkii* and shrimp crayfish *Orconectes lancifer*. *Freshwater Crayfish* 18: 87-92.
23. Greenway F, Liu Z, Yu Y, Gupta A. A Clinical Trial Testing the Safety and Efficacy of a Standardized *Eucommia ulmoides* Oliver Bark Extract to Treat Hypertension. *Altern Med Rev.* 2011 Dec;16(4):338-47.
24. Hossain MAR, Nahiduzzaman M and Tiersch TR. 2011. Development of a sperm cryopreservation approach to the fish biodiversity crisis in Bangladesh. In Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 852-861 (chapter 87).
25. Hu E and Tiersch TR. 2011. Development of high-throughput cryopreservation for aquatic species. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 995-1003 (chapter 100).
26. Hu E, Yang H and Tiersch TR. 2011. High-throughput cryopreservation of spermatozoa of blue catfish (*Ictalurus furcatus*): establishment of an approach for commercial-scale processing. *Cryobiology* 62:74-82.
27. Jeansonne, Duane P., Gar Yee Koh, Fang Zhang, Heather Kirk-Ballard, Laura Wolff, Dong Liu, Kenneth Eilertsen and Zhijun Liu. 2011. Paclitaxel-induced apoptosis is blocked by camptothecin in human breast and pancreatic cancer cells. *Oncol Rep* 25: 1473-1480. PMID: 21331447.
28. Jenkins JA, Eilts BE, Guitreau AM, Figiel CR, Draugelis-Dale RO and Tiersch TR. 2011. Sperm quality assessments for endangered razorback suckers *Xyrauchen texanus*. *Reproduction* 141:55-65.
29. Johnson, E.I., J.K. DiMiceli, P.C. Stouffer, and M.E. Brooks. 2011. Habitat use does not reflect quality for Henslow's Sparrows wintering in fire-managed longleaf pine savannas. *The Auk* 128: 564-576.
30. Johnson, E.I., P.C. Stouffer and C.F. Vargas. 2011. Diversity, biomass, and trophic structure of a central Amazonian rainforest bird community. *Revista Brasileira de Ornitologia* 19: 1-16.
31. Kaller, M. D., W. E. Kelso, B. T. Halloran, and D. A. Rutherford. 2011. Effects of spatial scale on assessment of dissolved oxygen dynamics in the Atchafalaya River Basin, Louisiana. *Hydrobiologia* 658:7-15.
32. Koh G.Y., Kathleen McCutcheon, Fang Zhang, Dong Liu, Carrie A. Cartwright, Roy Martin, Peiyong Yang, and Zhijun Liu. 2011. Improvement of obesity phenotype by the Chinese sweet leaf tea (*Rubus suavissimus*) components in high-fat diet-induced obese rats. *J. Agric. Food Chem.* 59; 98-104. PMID: 21138267.
33. Laurance, W.F., J.L.C. Camargo, R.C.C. Luizão, S.G. Laurance, S.L. Pimm, E.M. Bruna, P.C. Stouffer, et al. 2011. The fate of Amazonian forest fragments: A 32-year investigation. *Biological Conservation* 144: 56-67. doi:10.1016/j.biocon.2010.09.021
34. Lei, Y., and Q. Wu. 2011. High density polyethylene and poly(ethylene terephthalate) in situ sub-micro-fibril blends as matrix for wood plastic composites. *Composite Part A.* 43:73-78. (Impact Factor=3.45)
35. Lei, Y., and Q. Wu. 2011. Recycling Engine Oil Containers to Prepare Wood Plastic Composites. *J. Applied Poly. Sci.* 122(2):964-972. (Impact Factor=1.33)
36. Levia, D.F., R.F. Keim, D.E. Carlyle-Moses, and E.E. Frost. 2011. Throughfall and stemflow in wooded ecosystems. P. 425-443 in *Forest Hydrology and Biogeochemistry: Synthesis of Research and Future Directions*, D.F. Levia, D.E. Carlyle-Moses, and T. Tanaka, eds., Ecological Studies Series No. 216, Springer Science, Heidelberg, Germany.
37. Lindau, C.W., A.E. Scaroni, V.H. Rivera-Monroy, and J.A. Nyman. 2011. Comparison of 15N2 Flux and Acetylene Inhibition Denitrification Methods in Atchafalaya River Basin Sediments. *Journal of Freshwater Ecology* 26: 337-334 DOI: 10.1080/02705060.2011.557480
38. Liu, D., P. R. Chang, M. Chen, and Q. Wu, 2011. Chitosan colloidal suspension composed of mechanically disassembled nanofibers *Journal of Colloid and Interface Science.* 354(2):637-643. (Impact Factor=3.02)
39. Liu, D., Q., Wu, P. R. Chang, and G. Gao. 2011. Self-assembled liquid crystal film from mechanically defibrillated chitosan nanofibers. *Carbohydrate Polymers* 84(1): 686-689. (Impact factor = 3.469)
40. Liu, D., X. Chen, Y. Yue, M. Chena, and Q. Wu. 2011. Structure and rheology of nanocrystalline cellulose. *Carbohydrate Polymers* 84:316-323. (Impact factor = 3.469)
41. Moyle, R.G., S.S. Taylor, C.H. Oliveros, H.-C. Lim, C.L. Haines, M.A. Rahman and F.H. Sheldon. 2011. Diversification of an endemic Southeast Asian genus: Phylogenetic relationships of the Spiderhunters (Aves: Nectariniidae). *Auk* 128:777-788.

42. Nahiduzzaman M, Mahbulul Hassan M, Habiba Khanam U, Mamun SNA, Hossain MAR and Tiersch TR. 2011. Sperm cryopreservation of the critically endangered olive barb (sarpunti) *Puntius sarana* (Hamilton, 1822). *Cryobiology* 62:62-67.
43. Novelo N, Kuenz D, Green CC and Tiersch TR. 2011. Ultrasonographic monitoring of channel catfish ovarian development. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 134-144 (chapter 10).
44. Nyman, J.A. 2011. Ecological functions of wetlands. pages 115-128 In B. La Page (editor) *Wetlands: Integrating Multidisciplinary Concepts*. Springer Science. ISBN 978-94-007-0550-0
45. O'Connell, J.L., and J.A. Nyman. 2011. Effects of marsh pond terracing on coastal wintering waterbirds before and after Hurricane Rita. *Environmental Management* 48:975-984. DOI 10.1007/s00267-011-9741-1
46. Park DS, Quitadamo C, Tiersch TR and Monroe WT. 2011. Microfluidic mixers for standardization of computer-assisted sperm analysis. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 261-272 (chapter 19).
47. Quesada-Pineda, H.J., D. Kenealy and R.P. Vlosky. 2011. Transitioning Ideation to Commercialization: A Comprehensive Product Development Strategy with an Application in the Wood Products Industry. *Forest Prod. J.* 60(7/8):694-699
48. Quintana R, Burnside WM, Supan JE, Lynn JW and Tiersch TR. 2011. Rapid estimation of gonad-to-body ratio in eastern oysters by image analysis. *North American Journal of Aquaculture* 73:451-455.
49. Rosen, T. and Y. J. Xu. 2011. Riverine sediment inflow to Louisiana Chenier Plain in the Northern Gulf of Mexico. *Estuarine, Coastal and Shelf Science*, doi:10.1016/j.ecss.2011.09.013.
50. Scaroni, A.E., J.A. Nyman, and C.W. Lindau. 2011. Comparison of denitrification characteristics among three habitat types of a large river floodplain; Atchafalaya River Basin, Louisiana. *Hydrobiologia*. 658:17-25. DOI: 10.1007/s10750-010-0471-9
51. Song, X. Z., Q. Wu., F. Fu, K., Guo. 2011. Research progress of nanocrystalline cellulose prepared from crops and agricultural residues. *J. Agricultural Engineering* 42(11):106-112.
52. Stouffer, P.C., E.I. Johnson, R.O. Bierregaard, Jr., and T.E. Lovejoy. 2011. Understory bird communities in Amazonian rainforest fragments: Species turnover through 25 years post-isolation in recovering landscapes. *PLoS ONE* 6(6): e20543. Doi:10.1371/journal.pone.0020543
53. Stouffer, P.C., K.L. Cockle, A. Aleixo, J.I. Areta, J.M. Barnett, A. Bodrati. C.D. Cadena, A.S. Di Giacomo, S.K. Herzog, P. Hosner, E.I. Johnson, L.N. Naka. 2011. No evidence for widespread bird declines in protected South American forests. Commentary on M Nores CC 97:543-551 Dec 2009. *Climatic Change* 108: 383-386.
54. Sun, Q.N., C.Y Hse, and T.F. Shupe. 2011. Characterization and performance of melamine enhanced urea formaldehyde resin for bonding southern pine particleboard. *J. Applied Polymer Science*. 119:3538-3543.
55. Sweany, R., K. Damann, and M.D. Kaller. 2011. Comparison of soil and corn kernel *Aspergillus flavus* populations: evidence for niche specialization. *Phytopathology* 101: 952-959.
56. Tiersch TR and Yang H. 2011. Environmental salinity-induced shifts in sperm motility activation in *Fundulus grandis*. *Aquaculture* 324-325:145-150.
57. Tiersch TR, Yang H and Hu E. 2011. Outlook for development of high-throughput cryopreservation for small-bodied biomedical model fishes. *Comparative Biochemistry and Physiology, Part C, Toxicology and Pharmacology* 154:76-81.
58. Tiersch TR. 2011. Introduction to the Second Edition. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 1-17.
59. Tiersch TR. 2011. Process pathways for cryopreservation research, application and commercialization. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 646-671 (chapter 51).
60. Tjaden, B., M.J. Daniel, F. Aguilar, H. Stelzer, T. Gallaher, J. Kushla, J. Henderson, A. Londo, M. Kreye, D. Adams, T. Borisova, F. Escobedo, C. de Hoop, A. Gerald, M. Kaller, T. Shupe, E. Pickett, M. Lenentine, P. Fischer, P. Else, L. Berner, M. McKee, N. Rutenbeck, B. Nathan, L. Fischer, Lisa; J. Lydick, R. Lilieholm, S. Sader, R. Boone, R. Reid, S. Mohammed; J. Worden, S. Kifugo, D. Nkedianye, J. Stabach, J. Daigle, C. Moskell, and S. Allred. 2011. Human dimensions. *Journal of Forestry*. 109(8):579-582.

61. Twiner EM, Liu Z, Gimble J, Yu Y, Greenway F. 2011. Pharmacokinetic pilot study of the antiangiogenic activity of standardized platycodi radix. *Adv Ther.* 28(10):857-65. PMID: 21975926.
62. Vlosky R.P. & Smithhart, R. A. 2011. Brief Global Perspective on Biomass for Bioenergy and Biofuels. *Journal of Tropical Forestry and Environment*, Vol. 01, No. 01 (2011) pp 1-13. (Sri Lanka)
63. Vlosky, R.P. A Comparison of the Primary and Secondary Wood Products Sectors in Louisiana. 2011. *Drvna Industrija (Wood Industry) – Croatia* 62 (3) 201-211 (2011)
64. Wang, F., Y.J. Xu, and T. Dean. 2011. Projecting climate change effects on forest net primary productivity in subtropical Louisiana, USA. *Ambio DOI* 10.1007/s13280-011-0135-7.
65. Wayman W, Figiel Jr. CR and Tiersch TR. 2011. Simple extenders for refrigerated storage and cryopreservation of channel catfish sperm. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 692-697 (chapter 56).
66. Xu, Y., S. Y. Lee, and Q. Wu. 2011. Creep analysis of bamboo-high density polyethylene composites: effect of interfacial treatment and fiber loading level. *Polymer composites* 32(5):692-699. (Impact Factor=1.19)
67. Xu, Y.J. and A. BryantMason. 2011. Determining the nitrate contribution of the Red River to the Atchafalaya River in the northern Gulf of Mexico under changing climate. In J. Peters (ed.): *Water Quality: Current Trends and Expected Climate Change Impacts*, p95-100, IAHS Publication 348, Wallingford, UK.
68. Yang H and Tiersch TR. 2011. Sperm cryopreservation in biomedical research fish models. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 439-454 (chapter 35).
69. Yang H, Savage GM, Hazlewood L, Walter RB and Tiersch TR. 2011. Offspring production with cryopreserved sperm from a live-bearing fish *Xiphophorus maculatus* and implications for female fecundity. *Comparative Biochemistry and Physiology, Part C*, 155:55-63.
70. Yang HY and Tiersch TR. 2011. Application of computer-assisted sperm analysis (CASA) to aquatic species. In: Tiersch TR and Green CC, (editors), *Cryopreservation in Aquatic Species*, 2nd edition. World Aquaculture Society, Baton Rouge, Louisiana. Pp. 240-254 (chapter 17).
71. Yao, F., Q. Wu, H., Liu, Y. Lei, and D. Zhou. 2011. Rice straw fiber reinforced high density polyethylene composite: Effect of coupled compatibilizing and toughening treatment. *J. Applied Poly. Sci.* 119:2214-2222. (Impact Factor=1.33)
72. Yao, F., Q. Wu, H., Liu, Y. Lei, and D. Zhou. 2011. Rice straw fiber reinforced high density polyethylene composite: Effect of coupled compatibilizing and toughening treatment. *J. Applied Poly. Sci.* 119: 2214–2222. (Impact Factor=1.33)
73. Zhang, Fang, Gar Yee Koh, Duane P. Jeansonne, Javoris Hollingsworth, Paul S. Russo, Graca Vicente, Rhett W. Stout, Zhijun Liu. 2011. A novel solubility-enhanced curcumin formulation showing stability and maintenance of anti-cancer activity. *Journal of Pharmaceutical Sciences* 100: 2778–2789. PMID: 21312196.
74. Zhang, X., Y. Lei, Q. V. Cao, X. Chen, and X. Liu. 2011. Improving tree survival prediction with forecast combination and disaggregation. *Can. J. For. Res.* 41:1928-1935.
75. Zhong, B. and Y. J. Xu. 2011. Risk of inundation to coastal wetlands and soil organic carbon and organic nitrogen accounting in Louisiana, USA. *Environmental Science & Technology* 45: 8241-8246.
76. Zhong, B., and Y.J. Xu. 2011. Scale effects of geographical soil datasets on soil carbon estimation in Louisiana, USA – A comparison of STATSGO and SSURGO. *Pedosphere* 21: 491-501.
77. Zhou, C, and Q. Wu. 2011. A novel polyacrylamide nanocomposite hydrogel reinforced with natural chitosan nanofibers. *J. Colloids and Surfaces B: Biointerfaces* 84:155-162. (Impact Factor=3.4)
78. Zhou, C., Q. Wang, and Q. Wu. 2011. UV-initiated crosslinking of electrospun poly(ethylene oxide) nanofibers with pentaerythritol triacrylate: effect of irradiation time and incorporated cellulose nanocrystals. *Carbohydrate Polymers* 87:1779-1786. (Impact factor = 3.469)
79. Zhou, C., R. Chou, R. Wu, and Q. Wu. 2011. Electrospun polyethylene oxide/cellulose nanocrystal composite nanofibrous mats with homogeneous and heterogeneous microstructures. *Biomacromolecules*: 12:2617-2625. (Impact Factor=5.5)

1. Anderson, J. and Epifanio, C. 2010. Mating and Sperm Storage of the Asian Shore Crab *Hemigrapsus sanguineus*. J. Shell. Res. 29.2: 1-5. Citations: 4. 5-Year Impact Factor: 1.256.
2. Anderson, J., Valentine, M., and Epifanio, C. 2010. Characterization of the conspecific metamorphic cue for *Hemigrapsus sanguineus*. J. Exp. Mar. Biol. Ecol. 382: 139-144. Citations: 8. 5-Year Impact Factor: 2.540.
3. Anderson, J. and Epifanio, C. 2010. Response of the Asian shore crab *Hemigrapsus sanguineus* to metamorphic cues under natural field condition. J. Exp. Mar. Biol. Ecol. 384: 87-90. Citations: 6. 5-Year Impact Factor: 2.540.
4. Brooks, M.E. and P.C. Stouffer. 2010. Effects of Hurricane Katrina and salvage logging on Bachman's Sparrows. Condor 112: 744-753. Doi:10.1525/cond.2010.100019
5. Cao, Q. V., F. Yao, and Q. Wu. 2010. Effects of sample size on characterization of wood-particle length distribution. Wood and Fiber Science: 42(1):46-50. (Impact Factor=0.4)
6. Chang, S.J. and K. von Gadow. 2010. Application of the generalized Faustmann model to uneven-aged forest management. Journal of Forest Economics 16(4); 313-325.
7. Domson, O. and R.P. Vlosky. 2010. Strategic Positioning Analysis of Ghana's National Wood Export Sector. African J. of Business Management. Vol. 4(6), pp. 820-830, June 2010. Available online at <http://www.academicjournals.org/AJBM> ISSN 1993-8233. Nairobi, Kenya.
8. Eberhardt, T.E., W.J. Catallo, and T.F. Shupe. 2010. Hydrothermal transformation of Chinese privet seed biomass to gas-phase and semi-volatile products. Bioresource Technology. 101:4198-4204.
9. Errera, RM, Bourdelais, A, Drennan, MA, Dodd, EB, Henrichs, DW, Campbell, L. 2010. Variation in brevetoxin and brevenal content among clonal cultures of *Karenia brevis*. Toxicon 55: 195-203.
10. Glavonjić, B., R.P. Vlosky, G.F. Borlea, S. Petrovic, and P. Sretenovic. 2010. The Wood Products Industry in the Western Balkan Region. Forest Prod. J. 59(10):98-111
11. Gothreaux, C.T., R.C. Reigh, M.B. Williams and E.J. Chesney. 2010. Amino acid availability of soybean meal for Florida pompano. North American Journal of Aquaculture 72(4): 309-313. (doi: 10.1577/A09-079.1)
12. Green, C.C., Gothreaux, C.T. and Lutz, C.G. 2010. Reproductive output of Gulf killifish at different stocking densities in static outdoor tanks. North American Journal of Aquaculture 72:321-331.
13. Han, G., J. Deng, S. Zhang, P. Bicho, and Q., Wu. 2010. Effect of Steam Explosion Treatment on Characteristics of Wheat Straw. J. Industrial Crops and Products 31:28-33. (Impact Factor=2.82)
14. Kaller, M. D. and W.E. Kelso. 2010. Chapter 1. The importance of small woody debris in stream restoration: invertebrate community diversity in lowland, subtropical streams in the Gulf of Mexico coastal plain. Pages 1-40 in Hayes, G.D. and T.S. Flores., editors. Stream Restoration: Halting Disturbances, Assisted Recovery and Managed Recovery. Nova Science Publishers, Inc., Hauppauge, New York.
15. Kaller, M.D. and J. D. Hudson III. 2010. Phenological partitioning among drifting insect genera within families in a subtropical, coastal plain stream (Louisiana, USA). Journal of Freshwater Ecology 25: 607-615.
16. Keim, RF, TJ Dean, JL Chambers, WH Conner. 2010. Stand density relationships in baldcypress. Forest Science 56(4): 336-343.
17. Lei, Y., and Q. Wu. 2010. Wood plastic composites based on recycled high density polyethylene and poly(ethylene terephthalate) microfibrillar blends. Bioresource Technology, 101:3665-3671. (Impact Factor=4.75)
18. Li, Y. F., Y. X. Liu, X.M., Wang, Q. Wu, H. P. Yu, and J. Li. 2010. Wood-polymer composites Prepared by the in situ polymerization of monomers within wood. J. Applied Poly. Sci. 119(6):3207-3216 (Impact Factor=1.33)
19. Lim, H.-C., F. Zou, S.S. Taylor, B.D. Marks, R.G. Moyle, G. Voelker, and F.H. Sheldon. 2010. Phylogeny of Magpie-Robins and Shamas (*Aves: Turdidae: Copsychus* and *Trichixos*): implications for island biogeography in Southeast Asia. Journal of Biogeography 37:1894-1906.
20. Liu, D, H. Chen, P. R., Chang, Q. Wu, K. Li, and L. Guan. 2010. Biomimetic soy protein nanocomposites with calcium carbonate crystalline arrays for use as wood adhesive. Bioresource Technology 101: 6235-6241 (Impact Factor=4.75)
21. Liu, D. , T., Zhong, P. R. Chang, K. Li, and Q. Wu. 2010. Starch composites reinforced by bamboo cellulose crystals. Bioresource Technology, 101:2529-2536.(Impact Factor=4.75)
22. Liu, H., D. Liu, F. Yao, and Q. Wu. 2010. Fabrication and properties of transparent polymethylmethacrylate/cellulose nanocrystal composites. Bioresource Technology, 101:5685-5692 (Impact Factor=4.75)

23. Liu, H., F. Yao, Y. Xu, and Q. Wu. 2010. A novel wood flour-filled composite based on microfibrillar high density polyethylene (HDPE)/nylon-6 blends. *Bioresource Technology*, 101(9):3295-3297 (Impact Factor=4.75)
24. Lutz, C.G., Armas-Rosales, A.M. and Saxton, A.M. 2010. Genetic effects influencing salinity tolerance in six varieties of tilapia (*Oreochromis*) and their reciprocal crosses. *Aquaculture Research* 44(11):e770-e780.
25. Merino, J., D. Huval, and A.J. Nyman. 2010. Implication of nutrient and salinity interaction on the productivity of *Spartina patens*. *Wetlands Ecology and Management* 18:111-117. DOI: 10.1007/s11273-008-9124-4
26. O'Connell, and J.A. Nyman. 2010. Marsh terraces in coastal Louisiana increase marsh edge and densities of waterbirds. *Wetlands*. 30:125-135. DOI: 10.1007/s13157-009-0009-y
27. Palasz, L.M., M.E. Brooks and P.C. Stouffer. 2010. Regional variation in abundance and response to fire by Henslow's Sparrows in Louisiana. *Journal of Field Ornithology* 81:153-164. Doi: 10.1111/j.1557-9263.2010.00271.x
28. Perret, A. J., M. D. Kaller, W. E. Kelso, and D. A. Rutherford. 2010. Effects of Hurricanes Katrina and Rita on Sportfish Community Abundance in the Eastern Atchafalaya River Basin, Louisiana. *North American Journal of Fisheries Management* 30:511-517.
29. Perrett, A.J., M.D. Kaller, W.E. Kelso, and D.A. Rutherford. 2010. Effects of Hurricanes Katrina and Rita on sportfish community abundance in the Eastern Atchafalaya River basin, Louisiana. *North American Journal of Fisheries Management* 30: 511-517.
30. Piao, C. M. Gibson, T.F. Shupe, and W.A. Nipper. 2010. Laminated crossarms made from decommissioned chromated cropper arsenate-treated utility pole wood. Part II: Preservative retention, glue-line shear, and delamination. *Forest Products Journal* 60(7/8):659-667.
31. Piao, C., J.E. Winandy, and T.F. Shupe. 2010. From hydrophilicity to hydrophobicity: A critical review: Part 1. Wettability and surface behavior. *Wood and Fiber Science* 42(4):490-510.
32. Pierluissi, S., S.L. King, and M.D. Kaller. 2010. Waterbird nest density and nest survival in rice fields of southwestern Louisiana. *Waterbirds* 33:323-330.
33. Pirc, A. and R.P. Vlosky. 2010. A Comparison of Innovation in the Furniture Manufacturing Industries of Croatia and the United States. In: *Wood Processing and Furniture: Present Conditions, Opportunities and New Challenges*. WoodEMA. Pp.149-156. ISBN 978-80-228-2160-5
34. Roelke, DL, Schwierzke, L, Brooks, BW, Grover, JP, Errera, RM, Valenti, TW, Pinckney, JL. 2010. Factors influencing *Prymnesium parvum* population dynamics during bloom formation: Results from in-lake mesocosm experiments. *Journal of the American Water Resources Association* 46: 76-91.
35. Scaroni, A.E., C.W. Lindau, and J.A. Nyman. 2010. Spatial variability of sediment denitrification across the Atchafalaya River Basin, Louisiana, USA. *Wetlands*. 30:949-955. DOI: 10.1007/s13157-010-0091-1
36. Song, N. S.J. Chang, and F. Aguilar. 2010. U.S. softwood lumber demand and supply estimation using cointegration in dynamic equations. *Journal of Forest Economics*, 17(1): 19-33.
37. Taylor, S.S., R. Sardell, J.M. Reid, T. Bucher, N.G. Taylor, P.A. Arcese, and L.K. Keller. 2010. Inbreeding coefficient and heterozygosity-fitness correlations in unhatched and hatched song sparrow nestmates. *Molecular Ecology* 19:4454-4461.
38. Tian, P., and Q. Wu. 2010. Smart Thermo-Responsive Nanoparticles. In *Advance Polymer Nanoparticles: Synthesis and Surface Modifications* edited by Vikas Mittal. ISBN 9781439814437. Taylor and Francis Publisher. pp 197-221.
39. Tobias, V.D., J.A. Nyman, R.D. DeLaune, and J.D. Foret. 2010. Improving marsh restoration: leaf tissue chemistry identifies factors limiting production in *Spartina patens*. *Plant Ecology*. 207:141-148. DOI: 10.1007/s11258-009-9660-x
40. Wang, F. and Y.J. Xu. 2010. Comparison of remote sensing change detection techniques for assessing hurricane damage to forests. *Environmental Monitoring and Assessment* 162: 311-326.
41. Wenxing Chen, Yan Luo, Lei Liu, Hongyu Zhou, Baoshan Xu, Xiuzhen Han, Tao Shen, Zhijun Liu, Yin Lu, and Shile Huang. 2010. Cryptotanshinone Inhibits Cancer Cell Proliferation by Suppressing Mammalian Target of Rapamycin-Mediated Cyclin D1 Expression and Rb Phosphorylation. *Cancer Prev Res*; 3(8); 1015-25. PMID: 20628002.
42. Xu, Y., Q. Wu, Y. Lei, and F. Yao. 2010. Creep behavior of bagasse fiber reinforced polymer composites. *Bioresource Technology*, 101(9):3280-3286.(Impact Factor=4.75)



43. Xu, Y.J. 2010. Long-term sediment transport and delivery of the largest tributary of the Mississippi River, the Atchafalaya, USA. In K. Banasik, A. Horowitz, P.N. Owens, M. Stone, and D.E. Walling (eds.): *Sediment Dynamics for a Changing Future*, p282-290, IAHS Publication 337, Wallingford, UK.
44. Yao, F., and Q. Wu. 2010. Coextruded polyethylene wood flour composite: effect of shell thickness, wood loading and core quality. *J. Applied Poly. Sci.* 118:3594-3601. (Impact Factor=1.33)
45. Zhang, X., Y. Lei, and Q. V. Cao. 2010. Compatibility of stand basal area predictions based on forecast combination. *For. Sci.* 56:552-557.
46. Zhao, R.J., Z.H. Jiang, C.Y. Hse, and T.F. Shupe. 2010. The effect of steam treatment on bending properties and chemical composition of Moso bamboo *Phyllostachys pubescens*. *Journal of Tropical Forest Science.* 22(2):197-201.
47. Zhou, C, Q. Wu, and Q. Zhang. 2010. Dynamic rheology studies of in-situ polymerization process of polyacrylamide-cellulose nanocrystals composite hydrogels. *Colloid and Polymer Science* 353(1):116-123. (Impact factor = 2.2)
48. Zhou, C, Q. Wu, Y. Yue, and Q. Zhang. 2010. Application of rod-shape cellulose nanocrystals in Polyacrylamide hydrogels. *J. Colloid and Interface Science.* 353:116-123 (Impact Factor=3.32)
49. Zhou, C, W. Yang, Z. Lu, W. Zhou, Y. Xia, Z. Han, and Q. Wu. 2010. Synthesis and solution properties of novel comb-shaped acrylamide copolymers. *Polymer Bulletin.* (Impact Factor = 1.33)

1. Aguilar, F.X., R.P. Vlosky and A.L. Hammett. 2009. "Conjoint analysis of the effects of region of origin, price and environmental certification eco-labeling on consumer preferences for wood products". In Proc. XIIIth World Forestry Congress (WFC). 18- 25 October 2009. Buenos Aires - Argentina.
2. Ambardekar, A.A., R.C. Reigh and M.B. Williams. 2009. Absorption of amino acids from intact dietary proteins and purified amino acid supplements follows different time-courses in channel catfish (*Ictalurus punctatus*). *Aquaculture* 291(3-4): 179-187. (doi: 10.1016/j.aquaculture.2009.02.044).
3. Anderson, J. (Graduate Student) and Epifanio, C. 2009. Induction of metamorphosis in the Asian shore crab *Hemigrapsus sanguineus*: characterization of the cue associated with biofilm from adult
4. Cao, Q. V. 2009. Calibrating a segmented taper equation with two diameter measurements. *South. J. Appl. For.* 33:58-61.
5. Cao, Q. V., P. Tian,, and Q. Wu. 2009. Modeling diameter distributions of poly(N-isopropylacrylamide-co-methacrylic acid) nanoparticles. *J. Appl. Polymer Sci.* 111:2584-2589.
6. Cao, Q., P. Tian, and Q. Wu. 2009. Modeling Diameter Distributions of Poly(N-isopropylacrylamide-co-methacrylic Acid) Nanoparticles. *J. Applied Polymer Science*: 111:2584-2589. (IF=1.3)
7. Catallo, W.J., T.F. Shupe, J.L. Comeaux, T. Junk. 2009. Transformation of glucose to volatile and semi-volatile products in hydrothermal (HT) systems. *Biomass and Bioenergy*. doi:10.1016/j.biombioe.2009.07.017.
8. Chang, S.J. and R. Gazo. 2009. Measuring the effect of internal defect scanning on the value of lumber produced. *Forest Products Journal* 59 (11/12): 56-59.
9. David E. Wedge, Nurhayat Tabanca, Blaire J. Sampson, Christopher Werle, Betul Demerci, K. Husnu Can Baser, Peng Nan, Jia Duan, Zhijun Liu. 2009. Antifungal and Insecticidal Activity of two *Juniperus* Essential Oils. *Natural Product Communications*. 4(1):123-127. PMID: 19113871.
10. Dean, T. J., Q. V. Cao, S. D. Roberts, D. L. Evans. 2009. Modeling crown structure from airborne laser scanner data. *For. Ecol. Mgt.* 257:126-133.
11. Dean, T.J., Q.V.Cao, S.D. Roberts, and D.L Evans. 2009. Measuring heights to crown base and crown median with LiDAR in a mature, even-aged loblolly pine stand. *Forest Ecology and Management* 257(1): 126-133.
12. Guixin Chou, Shun-Jun Xu, Dong Liu, Gar Yee Koh, Jian Zhang, and Zhijun Liu. 2009. Quantitative and fingerprint analyses of Chinese sweet tea plant (*Rubus suavissimus* S. Lee). *J. Agric. Food Chem.* 57: 1076-1083. PMID: 19138116.
13. Han, G., W. Cheng, J. Deng, C. Dai, S. Zhang, and Q., Wu. 2009. Effect of Pressurized Steam Treatment on Selected Properties of Wheat Straw. *J. Industrial Crops and Products* 30:48-53. (IF=2.82)
14. Haviarova, E. and R.P. Vlosky. 2009. "A Recipe for Creating a Web-Based Virtual Community". *J. of Extension*. August. 47(4) Article 4FEA6.
15. Jamieson, I.G., S.S. Taylor, L. Tracy, D.P. Armstrong, and H. Kokko. 2009. Why some species of birds do not avoid inbreeding: data and new theory from New Zealand robins and saddlebacks. *Behavioural Ecology* 20:575-584.
16. Johnson, E.I., J.K. DiMiceli, and P.C. Stouffer. 2009. Timing of migration and patterns of winter settlement by Henslow's Sparrows. *Condor* 111: 730-739.
17. Keddy, P.A., L. Gough, J.A. Nyman, T. McFalls, J. Carter, and J. Siegrist. 2009. Alligator hunters, pelt traders, and runaway consumption of Gulf Coast marshes: a trophic cascade perspective on coastal wetland losses. pages 115-133 In B.R. Silliman, E.D. Grosholz, and M.D. Bertness (editors) *Human Impacts on Salt Marsh: a Global Perspective*. University of California Press. ISBN 978-0-520-25892-1
18. Koh G.Y., Chou G., Liu Z. 2009. Purification of a Water Extract of Chinese Sweet Tea Plant (*Rubus suavissimus* S. Lee) by Alcohol Precipitation. *J. Agric. Food Chem.* 57: 5000-5006. PMID: 19419169.
19. Lee, S., T.F. Shupe, L.H. Groom, and C.Y. Hse. 2009. Maleated polypropylene film and wood fiber handsheet laminates. *Polymer Composites*. 30 (12):1864-1872.
20. Lee, S.Y., T.F. Shupe, and C.Y. Hse. 2009. Plasma-enhanced modification of TMP fiber and its effect on tensile strength of wood fiber/PP composites. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products*. May 23-25, 2007. Beijing, China. pp. 212-224
21. Lei, Y., Q. Wu, and Q., Zhang. 2009. Microfibrillar composites based on recycled high density polyethylene and poly(ethylene terephthalate): morphological and mechanical properties. *Composite Part A* 40:904-912. (IF=3.45)

22. Lei, Y., Q. Wu, C. M. Clemons, and W. Guo. 2009. Phase structure and properties of poly(ethylene terephthalate)/high density polyethylene based on recycled materials. *J. Applied Poly. Sci.* 113:1710-1719 (IF=1.33)
23. Liu, D., Q. Wu, H. Chen, and P. R. Chang 2009. Transitional Properties of Micro- to Nano-sized Starch Particles Manufactured via a Green Process. *Journal of Colloid and Interface Science* 339(1):117-124. (Impact Factor=3.39)
24. Liu, H., Q. Wu, and Q., Zhang. 2009. Preparation and properties of banana fiber-reinforced composites based on high density polyethylene/Nylon-6 blends. *Bioresource Technology* 100:6088-6097. (Impact Factor=4.75)
25. Newell, P.J., S.L. King, and M.D. Kaller. 2009. Foraging behavior of pileated woodpeckers in partial cut and uncut bottomland hardwood forest. *Forest Ecology and Management* 258: 1456-1464.
26. Nyman, J.A., M.K. La Peyre, A. Caldwell, S. Piazza, C. Thom, C. Winslow. 2009. Defining restoration targets for water depth and salinity in wind-dominated *Spartina patens* (Ait.) Muhl. coastal marshes. *Journal of Hydrology* 376:327-336. DOI: 10.1016/j.jhydrol.2009.06.001
27. Obanda, D.N. and T.F. Shupe. 2009. Biotransformation of tebuconazole by microorganisms: Evidence of a common mechanism. *Wood Fiber Sci.* 41(2):157-167.
28. Pan, H., C.Y. Hse, R.P. Gambrell, and T.F. Shupe. 2009. Fractionation of heavy metals in liquefied chromated copper arsenate (CCA)-treated wood sludge using a modified BCR-sequential extraction procedure. *Chemosphere.* 77:201-206.
29. Pan, H., T.F. Shupe, and C.Y. Hse. 2009. Characterization of novolac type liquefied wood/phenol/formaldehyde (LWPF) resin. *Holz als Roh- und Werkstoff.* 67(4):427-437.
30. Pan, H., T.F. Shupe, and C.Y. Hse. 2009. Comparative study on liquefaction of creosote and chromated copper arsenate (CCA)-treated wood and untreated southern pine wood: effects of acid catalyst content, liquefaction time, temperature, and phenol to wood ratio. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products.* May 23-25, 2007. Beijing, China. pp. 102-109.
31. Pan, H., T.F. Shupe, and C.Y. Hse. 2009. Investigation of bio-composites using novolac type liquefied wood resin: effects of liquefaction and fabrication conditions. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products.* May 23-25, 2007. Beijing, China. pp. 73-81.
32. Pan, H., T.F. Shupe, and C.Y. Hse. 2009. Wood liquefaction and its application to novolac resin. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products.* May 23-25, 2007. Beijing, China. pp. 39-50.
33. Perera, R. and R.P. Vlosky. 2009. "Tropical Wood Products Exports from Sri Lanka." Cover and Feature Article. *Forest Prod. J.* 59(5):6-10.
34. Perera, R. and R.P. Vlosky. 2009. "An Overview of the Wood Product Import sector in the U.S". VDM Verlag Dr. Müller Aktiengesellschaft & Co. KG, Saarbrücken, Germany. 92p. ISBN 978-3-639-13770-5.
35. Piao, C. C. J. Monlezun, T.F. Shupe. 2009. Glueline bonding performance of decommissioned CCA-treated wood. Part I: Without retreatment. *Forest Products Journal.* 59(7/8):36-42.
36. Rupp, D.E., R.F. Keim, M. Ossiander, M. Brugnach, and J.S. Selker. 2009. Timescale and intensity dependency in multiplicative cascades for temporal rainfall disaggregation. *Water Resources Research* 45:W07409.
37. Shupe, T.F. and W.J. Catallo. 2009. Sub- and supercritical water treatment of creosote-treated wood waste. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products.* May 23-25, 2007. Beijing, China. pp. 9-16.
38. Smith, M., J.M. Fannin and R.P. Vlosky. 2009. "Forest Sector Supply Chain Mapping: An Application in Louisiana" Cover and Feature Article. *Forest Prod. J.* 59(6):7-16.
39. So, C.L., T.F. Shupe, S.T. Lebow, T.L. Eberhardt, and L.H. Groom. 2009. Application of near infrared spectroscopy to wood preservatives. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products.* May 23-25, 2007. Beijing, China. pp. 125-130.
40. Stouffer, P.C., C. Strong, and L.N. Naka. 2009. Twenty years of understory bird extinctions from Amazonian rainforest fragments: Consistent trends and landscape-mediated dynamics. *Diversity and Distributions* 15: 88-97.
41. Strub, M. R., C. J. Cieszewski, and Q. V. Cao. 2009. 2007 Southern Mensurationists Conference. *South. J. Appl. For.* 33:52.

42. Via, B.K., C.L. So, T.F. Shupe, L.H. Groom, and J. Wikaira. 2009. Mechanical response of longleaf pine to variation in microfibril angle, chemistry associated wavelengths, density, and radial position. *Composites Part A: Applied Science and Manufacturing*. 40(1):60-66.
43. Vlosky, P. R., T. Shupe, and Q. Wu. 2009. Perceptions and use of termite resistant treated wood products. Part II: the perspective of homeowners and Architects in Formosan subterranean termite infected states. *Drvna Industrija* 60(4):219-228. (IF=0.2)
44. Vlosky, R.P. 2009. "Information Technology Driven Supply Chain Optimization in the Wood Products Industry." *Proceedings of Competitiveness of Wood Processing and Furniture Manufacturing*. Bičanić, K. (Ed.). University of Zagreb, Faculty of Forestry. Zagreb, Croatia. ISBN 978-953-192-010-9
45. Vlosky, R.P. 2009. Information Technology Driven Supply Chain Optimization in the Wood Products Industry." *Proceedings of WoodEMA Conference 2009-Competitiveness of Wood Processing and Furniture Manufacturing*. Sibenik, Croatia. October 7-9.
46. Vlosky, R.P. and F.X. Aguilar. 2009. "A Model of Employee Satisfaction: Gender Differences in Cooperative Extension". *J. of Extension*. April. 47(2) Article 2FEA2.
47. Vlosky, R.P. and M.A. Dunn. 2009. "A Regional View of Extension Employee Perceptions of Scholarship in the Workplace." *J. of Extension*. 47(1) Article Number 1FEA1.
48. Vlosky, R.P., A. Baffoe, P. Perera and R. Perera. 2009. "An Overview of Wood-based Energy in the United States with a Focus on the U.S. South." *Proceedings of the Louisiana Natural Resources Symposium*. Shupe, T.F. (Ed.). LSU AgCenter. Baton Rouge, LA. ISBN 0-9763632-3-2
49. Vlosky, R.P., R. Gazo, D. Cassens and P. Perera. 2009. "Changes in Value-Added Wood Product Manufacturer Perceptions about Certification in the United States from 2002-2008." *Drvna Industrija (Wood Industry) – Croatia*. 60(2):89-94.
50. Vlosky, R.P., T.F. Shupe and Q. Wu. 2009. "Perceptions & Use of Termite Resistant Treated Wood Products Part II: The Perspective of Home Builders and Architects in Formosan Subterranean Termite Infected States." *Drvna Industrija (Wood Industry) – Croatia*. 60(4):219-228.
51. Vlosky, R.P., T.F. Shupe, and Q. Wu. 2009. Perceptions & use of termite resistant treated wood products part I: The perspective of homeowners in Formosan subterranean termite infected states. *Drvna Industrija (Wood Industry) – Croatia*. 60(3):135-144.
52. Vlosky, R.P., T.F. Shupe, and Q. Wu. 2009. Perceptions & use of termite resistant treated wood products part II: The perspective of home builders and architects in Formosan subterranean termite infected states. *Drvna Industrija (Wood Industry) Croatia* 60(4):219-228.
53. Wang, F. and Y.J. Xu. 2009. Hurricane Katrina-induced forest damage in relation to ecological factors at landscape scale. *Environmental Monitoring and Assessment* 156: 491-507.
54. Wang, G., Z. Jiang, C.Y. Hse, and T.F. Shupe. 2009. Physical and mechanical properties of flakeboard with bamboo strips. In: C.Y. Hse, Z. Jiang, and M.L. Kuo (eds.). *Advanced Biomass Science and Technology for Bio-Based Products*. May 23-25, 2007. Beijing, China. pp. 402-411.
55. Wedge, David; Klun, Jerome; Tabanca, Nurhayat; Demirci, Betul; Ozek, Temel; Baser, K. Husnu; Liu, Zhijun; Zhang, Sui; Cantrell, Charles; Zhang, Jian. 2009. Bioactivity-guided Fractionation and GC-MS Fingerprinting of *Angelica sinensis* and *A. archangelica* Root Components for Antifungal and Mosquito Deterrent Activity. *Journal of Agricultural and Food Chemistry*. 57(2):464-70.
56. Wu, Q., J.N. Lee, Z. Cai, and D. Zhou. 2009. Creep behavior of borate-treated strandboard: effect of zinc borate retention, wood species, and load level. *Maderas Cienciay Tecnologia Journal*. 11(1):19-32. (IF=0.45)
57. Xu, X., F. Yao, Q. Wu, and D. Zhou. 2009. The influence of wax-sizing on dimension stability and mechanical properties of bagasse particleboard. *J. Industrial Crops and Products* 29(1):80-85 (IF=2.82)
58. Yao, F., Q. Wu, and D. Zhou. 2009. Thermal decomposition kinetics of natural fibers: Global kinetic modeling with non-isothermal thermogravimetric analysis. *J. Applied Poly. Sci.* 114:834-842. (Impact Factor=1.33)
59. Yin J, Zuberi A, Gao Z, Liu D, Liu Z, Ye J. 2009. Shilianhua extract inhibits GSK-3 $\beta$  and promotes glucose metabolism. *Am. J. Physiol. Endocrinol. Metab.* 296: 1275-1280. PMID: 19351808.
60. Zhong, B. and Y.J. Xu. 2009. Topographic effects on soil organic carbon in Louisiana watersheds. *Environmental Management* 43: 662-672.

1. Aguilar, F.X. and R.P. Vlosky. 2008. Forest Certification Descriptions as a Tool for Branding: An Exploratory Analysis of U.S. Homebuilders & Architects. *Forest Prod. J.* 58(3):26-33.
2. Aguilar, F.X.; Vlosky, R.P. 2008. Gender differences in determinants of job satisfaction among cooperative extension workers in the United States. *Applied Economics Letters (U.K.)*. 2008, iFirst. Pp. 1-5.
3. Boswell, K.M., M.D. Kaller, J.H. Cowan, Jr., and C.A. Wilson. 2008. Evaluation of target strength-fish length equation choices for estimating estuarine fish biomass. *Hydrobiologia* 610: 113-123.
4. Cao, Q. V., and M. R. Strub. 2008. Simultaneous estimation of parameters of an annual tree survival and diameter growth model. *For. Sci.* 54:617-624.
5. Cao, Q.V. and T.J. Dean. 2008. Using segmented regression to model the density–size relationship in direct-seeded slash pine stands. *Forest Ecology and Management* 255(3-4) 948-952.
6. Catalo, W.J. and T.F. Shupe. 2008. Hydrothermal treatment of mixed preservative-treated wood waste. *Holzforschung.* 62(1):119-122.
7. Catalo, W.J., T.F. Shupe, and T.L. Eberhardt. 2008. Hydrothermal processing of biomass from invasive aquatic plants. *Biomass & Bioenergy.* 32(2):140-145.
8. Cheng, W., T. Morooka, Q. Wu, and Y. Liu. 2008. Transverse Mechanical Behavior of Wood Under High Temperature And Pressurized Steam. *Forest Prod. J.* 58(12):63-67. (IF=0.3)
9. Dicus, C.A. and T.J. Dean. 2008. Tree-soil interactions affect production of loblolly and slash pine. *Forest Science* 54(2): 134-139.
10. Dimov, LD, JL Chambers, and BR Lockhart. 2008. Five-year radial growth of red oaks in mixed bottomland hardwood stands. *Forest Ecology and Management* 255: 2790-2800.
11. Errera, RM, Roelke, DL, Kiesling, R, Brooks, B, Grover, J, Schwierzke, L, Urena-Montoya, F, Baker, J, Pinckney, J. 2008. The effect of imbalanced nutrients and immigration on *Prymnesium parvum* community dominance and toxicity: Results from in-lake microcosm experiments, Texas, USA. *Aquatic Microbial Ecology* 52: 33-44.
12. Feng, Z., R. Brumme, Y.J. Xu, and N. Lamersdorf. 2008. Tracing the fate of mineral N compounds under high ambient N deposition in a Norway spruce forest at Solling/Germany. *Forest Ecology and Management* 255:2061-2073.
13. Gao, H., D. Obanda, T.F. Shupe, C.Y. Hse, D.R. Ring. 2008. Chemical analysis and antifungal activities of heartwood extracts of Port-Orford cedar. *Holzforschung.* 62(5):620-623.
14. Glavonjic, B. and R.P. Vlosky. 2008. Timber Sale Systems in the Balkans. *J. of Forestry.* 106(4):206-213.
15. Han, G., Y. Lei, Q. Wu, Y. Kojima, and S. Suzuki. 2008. Bamboo-fiber filled high density polyethylene composites: effect of coupling treatment and nanoclay. *J. of Polymers and the Environment:* 16:123-130. (IF=1.49)
16. Hwang, C.Y., C.Y. Hse, and T.F. Shupe. 2008. Effects of recycled materials on the properties of wood fiber-polyethylene composites – Part 3: Wettability. *Forest Products Journal.* 58(5):66-72.
17. Kirk H, Cefalu WT, Ribnicki D, Liu Z, Eilertsen KJ. 2008. Botanicals as epigenetic modulators for mechanisms contributing to development of metabolic syndrome. *Metabolism.* 57(7 Suppl 1):S16-23. PMID: 18555849.
18. Lee, S. Y., I. A. Kang, G. H. Doh, W. J., Kim, J. S. Kim, H. G. Yoon, and Q. Wu. 2008. Thermal, mechanical, morphological properties of polypropylene/clay/wood flour nanocomposites. *eXPRESS Polymer Letters* 2(2): 78-87. (IF=2.2)
19. Lee, S., T.F. Shupe, and C.Y. Hse. 2008. Thermosets as compatibilizers at the isotactic polypropylene film and thermomechanical pulp fiber interphase. *Composite Interfaces.* 15(2-3):221-230.
20. Lindau, C.W., R.D. DeLaune, A.E. Scaroni and J.A. Nyman. 2008. Denitrification in cypress swamp within the Atchafalaya River Basin, Louisiana. *Chemosphere* 70:886-894. DOI 10.1016/j.chemosphere.2007.06.084
21. Liu Z, D Liu, G Chou, S Xu, A Zuberi, J Ye. Variations in gingerols and chromatographic fingerprints of ginger root extracts from different preparation methods may account for bioactivity discrepancies among investigations. *Planta Med* 2008; 74 - PC99
22. Liu, Dong, Joshua Schwimer, Zhijun Liu, Eugene Woltering, and Frank L. Greenway. 2008. Antiangiogenic effect of curcumin in pure versus in extract forms. *Pharmaceutical Biology* 46: 677-682.
23. Liu, H., Q. Wu, G. Han, F. Yao, Y. Kojima, S. Suzuki. 2008. Compatibilizing and Toughening Bamboo Flour-Filled HDPE Composites: Mechanical Properties and Morphologies. *Composite Part A.* 39:1891-1900. (IF=3.45)

24. Lu, J. Z., X. Duan, Q. Wu, and K. Lian. 2008. Chelating efficiency and thermal, mechanical and decay resistance performance of Chitosan copper complex in wood-polymer composite. *Bioresource Technology* 99:5906-5914. (IF=4.75)
25. Obanda, D.N, T.F. Shupe, and H.M. Barnes. 2008. Reducing leaching of boron-based wood preservatives – A review of research. *Bioresource Technology*. 99(15):7312-7322.
26. Obanda, D.N., T.F. Shupe., and W.J. Catallo. 2008. Resistance of *Trichoderma harzianum* to triazole based wood preservatives – Proposed biotransformation pathways. *Holzforschung*. 62(5):613-619.
27. Pan, H., T.F. Shupe, and C.Y. Hse. 2008. Synthesis and cure kinetics of liquefied wood/phenol/formaldehyde (LWPF) resins. *Journal of Applied Polymer Science*. 108:1837-1844.
28. Perera, P., R.P. Vlosky, M.A. Dunn and G. H.es. 2008. U.S. Home Center Retailer Attitudes, Perceptions and Behaviors Regarding Forest Certification. *Forest Prod. J.* 58(3):21-25.
29. Reigh, R.C. 2008. Underutilized and unconventional plant protein supplements. Chapter 15, pages 433-474. In: C. Lim, C.D. Webster and C.S. Lee (Editors). *Alternative Protein Sources in Aquaculture Diets*. Food Products Press (Haworth Press, Inc.), Binghamton, New York.
30. Roth, A-M., D. Campbell, P.A. Keddy, H. Dozier, and G. Montz. 2008. How important is competition in a species-rich grassland? A two year experiment in the subtropics and its general implications. *Ecoscience*.15(1): 94-100.
31. S. Y. Lee, I. A. Kang, G. H. Doh, H. G. Yoon, B. D. Park, and Q. Wu. 2008. Thermal and mechanical properties of wood flour/talc filled polylactic acid (PLA) composites: effect of filler content and coupling treatment. *J. Thermoplastic. Composite Material* 21:209-223. (IF=0.93)
32. Shupe, T.F. , L.H. Groom, T.L. Eberhardt, T.C. Pesacreta, and T.G. Rials. 2008. Selected mechanical and physical properties of Chinese tallow tree juvenile wood. *Forest Products Journal*. 58(4):90-93.
33. Taylor, S.S. and I.G. Jamieson. 2008. No evidence for loss of genetic variation following sequential translocations in extant populations of a genetically depauperate species. *Molecular Ecology* 17:545-556.
34. Taylor, S.S., S. Boessenkool, and I.G. Jamieson. 2008. Genetic monogamy in two long-lived New Zealand passerines. *Journal of Avian Biology* 39:579-583.
35. Tian, P., Q. Wu, and K. Lian. 2008. Preparation of temperature- and pH-sensitive, stimuli-responsive poly(N-isopropylacrylamide-co-methacrylic acid) nanoparticles. *J. Applied Polymer Science* 108: 2226-2232. (IF=1.3)
36. Via, B.K. C.L. So, L.G. Eckhardt, T.F. Shupe, L.H. Groom, and M. Stine. 2008. Response of near infrared diffuse reflectance spectra to blue stain and wood age. *Journal of Near Infrared Spectroscopy*. 16(1):71-74.
37. Vlosky, R.P. 2008. An Integrated Market-Based Methodology for Forest Sector Development. In: *Challenges in Forestry and Wood Technology for the 21st Century*. University of Zagreb, Croatia. October 16. Darko Motik (Ed). ISBN 978-953-292-005-5
38. Vlosky, R.P. 2008. Wood-based Energy: A United States Perspective. In: *Proceedings of Woody Biomass-The Fuel of Choice for Serbia*. December 2-3. Belgrade, Serbia. University of Belgrade. Branko Glavonjic and Slavica Petrovic (Eds.). ISBN 978-86-7299-156-7
39. Wang, F. and Y.J. Xu. 2008. Development and application of a remote sensing-based salinity prediction model for a large estuarine lake in the US Gulf of Mexico coast. *Journal of Hydrology* 360: 184-194.
40. Wang, F. and Y.J. Xu. 2008. Use of remote sensing, GIS techniques helps assess forest damage. *Louisiana Agriculture* 51(1): 15-17.
41. William T Cefalu, Jianping Ye, Aamir Zuberi, David Ribnicky, Ilya Raskin, Zhijun Liu, Zhong Q Wang, Phillip J Brantley, Luke Howard and Michael Lefevre. 2008. Botanicals and metabolic syndrome. *Am J Clin Nutr* 87(suppl): 481S-7S. PMID: 18258643.
42. Wu, Q. and Tian, P. 2008. Adsorption Of Cu<sup>2+</sup> Ions With Poly(N-Isopropylacrylamide-Co-Methacrylic Acid) Micro/Nanoparticles. *J. Applied Polymer Science* 109:3740-3746. (IF=1.3)
43. Xu S, Yang L, Tian R, Wang Z, Liu Z, Xie P, Feng Q. 2009. Species differentiation and quality assessment of Radix Paeoniae Rubra (Chi-shao) by means of high-performance liquid chromatographic fingerprint. *J Chromatogr A*. 1216(11):2163-8. PMID: 18490024.
44. Xu, Shunjun Liu Yang, Qiaoling Lin, Zhijun Liu, Qianru Feng, Lin Ma, Mei Liu. 2008. Simultaneous Determination of Paeoniflorin, Albiflorin and Benzoylpaeoniflorin in Radix Paeoniae Alba by TLC. *Chromatographia*.

45. Xu, Y., Q. Wu, Y. Lei, F. Yao, and Q. Zhang. 2008. Natural Fiber Reinforced Poly(vinyl chloride) Composites: Effect of Fiber Type and Impact Modifier. *Journal of Polymers and the Environment* 16(4):250-257. (IF=1.49)
46. Xu, Y.J. and B. Zhong. 2008. Soil carbon stock and sequestration potential across Louisiana's watersheds. *Louisiana Agriculture* 51(1): 17.
47. Yao, F., Q. Wu, Y. Lei, and Y. Xu. 2008. Rice straw fiber reinforced high density polyethylene composite: Effect of fiber type and loading. *J. Industrial Crops and Products*: 28:63-72. (IF=2.82)
48. Yao, F., Q. Wu, Y. Lei, W. Guo, and Y. Xu. 2008. Thermal decomposition kinetics of natural fibers: activation energy with dynamic thermogravimetric analysis. *Polymer Degradation and Stability* 93(1):90-98. (IF=3.21)
49. Yin, Jun, Aamir Zuberi, Zhanguo Gao, Dong Liu, Zhijun Liu, William T. Cefalu, Jianping Ye. 2008. Effect of Shilianhua extract and its fractions on body weight of obese mice. *Metabolism Clinical and Experimental* 57 (Suppl 1): S47–S51. PMID: 18555854.
50. Yin, Jun; Gao, Zhanguo; Liu, Dong; Liu, Zhijun; Ye, Jianping. 2008. Berberine improves glucose metabolism through induction of glycolysis. *Am J Physiol Endocrinol Metab* 294: E148-E156. PMID: 17971514.
51. Yu, H.Q, Z.H. Jiang, C.Y. Hse, and T.F. Shupe. 2008. Selected physical and mechanical properties of moso bamboo (*Phyllostachys pubescens*). *Journal of Tropical Forest Science*. 20(4):258-263.
52. Zhijun Liu. 2008. Preparation of botanical samples for biomedical research. *Endocrine, Metabolic & Immune Disorders - Drug Targets*. 8: 112-121. PMID: 18537697.

1. Aguilar, F. X. and R. P. Vlosky. 2007. "Consumer willingness to pay price premiums for environmentally certified wood products in the U.S." *Forest Policy and Economics* 9(8): 1100-1112.
2. Ambardekar, A.A. and R.C. Reigh. 2007. Sources and utilization of amino acids in channel catfish diets: a review. *North American Journal of Aquaculture* 69(2): 174-179.
3. Andrew T. Roberts, Corby K. Martin, Zhijun Liu, Ronald J. Amen, Eugene A. Woltering, Jennifer C. Rood, Mary K. Caruso, Ying Yu, Hui Xie, Frank L. Greenway. 2007. The safety and efficacy of a dietary herbal supplement and gallic acid for weight loss. *Journal of Medicinal Food* 10(1): 184-188. PMID: 17472485.
4. Arian, A., R.P. Vlosky and M.K. Zamani. 2007. "The Wood Products Industry in Iran." Cover and Feature Article. *Forest Prod. J.* 57(3):6-13.
5. Baker, J, Grover, JP, Brooks, B, Urena-Montoya, F, Roelke, DL, Errera, RM, Kiesling, R. 2007. Growth and Toxicity of *Prymnesium parvum* (Haptophyta) as a function of salinity, light, and temperature. *Journal of Phycology* 43:219-227.
6. Boessenkool, S., S.S. Taylor, C.K. Tepolt, J. Komdeur, and I.G. Jamieson. 2007. Large mainland populations of South Island robins retain greater genetic diversity than offshore island refuges. *Conservation Genetics* 8:705-714.
7. Cai, Z., Q. Wu, G. Han, and J. N. Lee. 2007. Tensile and thickness swelling properties of strands from southern hardwoods and Southern pine: effect of hot-pressing and resin application. *Forest Prod. J.* 57(5):36-40. (IF=0.3)
8. Cao, Q. and Q. Wu. 2007. Characterizing wood fiber and particle length with a mixture distribution and a segmented distribution. *Holzforschung* 61:124-130. (IF=2.4)
9. Cao, Q. V. 2007. Incorporating whole-stand and individual-tree models in a stand-table projection system. *For. Sci.* 53:45-49.
10. Cao, Q. V., and Q. Wu. 2007. Characterizing wood fiber and particle length with a mixture distribution and a segmented distribution. *Holzforschung* 61:124-130.
11. Chen, Y., L. Sun, I. Negulescu, Q. Wu, and G. Henderson. 2007. Comparative Study of Hemp Fiber for Nonwoven Composites. *Journal of Industrial Hemp* 12(1):27-45.
12. Cheng, W., T. Morooka, Q. Wu, and Y. Liu. 2007. Characterization of tangential shrinkage stresses of wood during drying under superheated steam above 100 °C. *Forest Prod. J.* 57(11):39-43. (IF=0.3)
13. David A. York, Sonyja Thomas, Frank L. Greenway, Zhijun Liu, Jennifer C. Rood. 2007. The Effect of NT, an Herbal Supplement, on Body Weight in Rats. *Chinese Medicine* 2:10. PMID: 17868447.
14. DiMiceli, J.K., P.C. Stouffer, E.I. Johnson, C. Leonardi, and E.B. Moser. 2007. Seed preferences of wintering Henslow's Sparrows. *Condor* 109: 595-604.
15. Dozier, H. 2007. Cogongrass a new threat to forestry. *Forests and People* 57(3): 12-15, 29.
16. Eberhardt, T.L., X. Li, T.F. Shupe, and C.Y. Hse. 2007. Chinese tallow tree (*Sapium sebiferum*) utilization: Characterization of extractives and cell wall chemistry. *Wood and Fiber Science.* 39(2):319-324.
17. Faulkner, S.P., J.L. Chambers, W.H. Conner, R.F. Keim, J.W. Day, E.S. Gardiner, M.S. Hughes, S.L. King, K.W. McLeod, C.A. Miller, J.A. Nyman, and G.P. Shaffer. 2007. Conservation and Use of Coastal Wetland Forests in Louisiana. P. 447-460 in: W.H. Conner, T.W. Doyle, and K.W. Krauss (editors), *The Ecology of Tidal Freshwater Swamps of the Southeastern United States*. Springer. The Netherlands. 505p. ISBN 978-9048172825
18. Ferraz, G., J.D. Nichols, J.E. Hines, P.C. Stouffer, R.O. Bierregaard, Jr., and T.E. Lovejoy. 2007. A large-scale deforestation experiment: Effects of patch area and isolation on Amazon birds. *Science* 315: 238-241.
19. Fisher, J. C., and W. E. Kelso. 2007. Effectiveness of artificial plants in subsurface exclosures as a substrate for hydrilla-dwelling macroinvertebrate communities. *Journal of Freshwater Ecology* 22: 33-39.
20. Gao, H., T.F. Shupe, and T.L. Eberhardt, and C.Y. Hse. 2007. Antioxidant activity of extracts from the wood and bark of Port-Orford-cedar. *Journal of Wood Science.* 53:147-152.
21. Greenway, Frank L., Zhijun Liu, Ying Yu, Mary K. Caruso, Andrew Roberts, Joshua Schwimer, Alok K. Gupta, Drake Bellanger, Thomas Guillot, Eugene A. Woltering. 2007. An Assay to Measure Angiogenesis in Human Fat Tissue. *Obesity Surgery* 17: 510-515. PMID: 17608264.
22. Grover, J, Baker, J, Ureña-Boeck, F, Brooks, BW, Roelke, DL, Errera, RM, Kiesling, R. 2007. Laboratory tests of ammonium and barley straw extract as agents to suppress abundance of the harmful alga *Prymnesium parvum* and its toxicity to fish. *Water Research* 41(12): 2503-2512.



23. Han, G., Q. Wu, and J.Z. Lu. 2007. The Influence of Fines Content and Panel Density on Properties of Mixed Hardwood Oriented Strandboard. *Wood Fiber Sci.* 39(1):2-15. (IF=0.4)
24. Hwang, C.Y., C.Y. Hse, and T.F. Shupe. 2007. Effects of recycled materials on the properties of wood fiber-polyethylene composites – Part 2: Effect of a compatibilizer on the wettability of birch plywood and polyolefins. *Forest Products Journal.* 57(11):80-84.
25. Kaller, M. D., and W. E. Kelso. 2007. Association of macroinvertebrate assemblages with dissolved oxygen concentration and wood surface area in selected subtropical streams of the southeastern USA. *Aquatic Ecology* 41:95-110.
26. Kaller, M.D., J.D. Hudson III, E.A. Achberger, and W.E. Kelso. 2007. Feral pig research in western Louisiana: Expanding populations and unforeseen consequences. *Human-Wildlife Conflicts* 1: 168-177.
27. Kodzi, E., R. Gazo and R.P. Vlosky. 2007 “Commonality of Machine Centers: Opportunities for Product Line Extension.” *Forest Prod. J.* 57(5):41-49
28. Krauss, K.W., P.J. Young, J.L. Chambers, T.W. Doyle, R.R. Twilley. 2007. Sap flow characteristics of neotropical mangroves in flooded and drained soils. *Tree Physiology* 27, 775–783.
29. Krauss, KW, JL Chambers, D Creech. 2007. Salt tolerance of tidal freshwater swamp species: advances using baldcypress as a model for restoration. Chapter 14. pgs 385-410 in Conner WH, Doyle TW, Krauss KW (eds) *Ecology of tidal freshwater swamps of the southeastern United States* (Springer Publishers, New York). 505p.
30. La Peyre, M.K., B. Gossman, and J.A. Nyman. 2007. Assessing functional equivalency of nekton habitat in enhanced habitats: Comparison of terraced and unterraced marsh ponds. *Estuaries and Coasts* 33:526-536.
31. Lee, S. Y., and Q. Wu. 2007. Leachability of zinc borate-modified oriented strandboard (OSB). *Mokeyhae Konghak* 35(5): 46-57.
32. Lee, S., T.F. Shupe, L.H. Groom, and C.Y. Hse. 2007. Thermomechanical pulp fiber surface modification for enhancing the interfacial adhesion with polypropylene. *Wood and Fiber Science.* 39(3):424-433.
33. Lee, S., T.F. Shupe, L.H. Groom, and C.Y. Hse. 2007. Wetting behaviors of phenol- and urea-formaldehyde resins as compatibilizers. *Wood and Fiber Science.* 39(3):482-492.
34. Lee, S.Y., G.H. Doh, I.A. Kang, and Q. Wu. 2007. Influence of Hwangto on the mechanical properties of wood flour reinforced high density polyethylene (DPE) composites. *Mokeyhae Konghak* 35(2): 10-20.
35. Lei, Y., Q. Wu, C. Clemons, F. Yao, and Y. Xu. 2007. Influence of Nanoclay on Properties of HDPE/Wood Composites. *Journal of Applied Polymer Science* 106:3958-3966. (IF=1.3)
36. Lockhart, B.R. and J.L. Chambers. 2007. Cherrybark oak stump sprout survival and development five years following plantation thinning in the lower Mississippi alluvial valley, USA. *New Forests* 33:183–192.
37. Lu, J. Z., X. Duan, Q. Wu, and K. Lian. 2007. Chelating efficiency and thermal, mechanical and decay resistance performance of Chitosan copper complex in wood-polymer composite. *Bioresource Technology*: 99:5906-5914. (IF=4.75)
38. Lu, J.Z., C.J. Monlezum, Q. Wu, and Q. Cao. 2007. Fitting Weibull and lognormal distributions to wood fiber length. *Wood Fiber Sci.* 39(1):82-94. (IF=0.4)
39. Mason, A, Y. J. Xu, and J. Grace. 2007. Comparison of stream nutrient conditions in a subtropical low-land watershed to EPA suggested criteria. P. 271-276 in: *Fourth Conference on Watershed Management to Meet Water Quality Standards and Emerging TMDL*. ASABE Publication No. 701P0207.
40. Mason, A., Y.J. Xu, P. Saksa, A. Viosca, J. Grace, J. Beebe, and R. Stich. 2007. Streamflow and nutrient dependence of temperature effects on dissolved oxygen in low-order forest streams. In A. Saleh (ed): *Watershed Management to Meet Water Quality Standards and Emerging TMDL*, p374-380. ASABE Publication No. 701P0207.
41. Nyman, J.A., P.L. Klerks, and S. Bhattacharyya. 2007. Effects of chemical additives on hydrocarbon disappearance and biodegradation in freshwater marsh microcosms. *Environmental Pollution* 149:227-238. DOI: 10.1016/j.envpol.2006.12.028
42. Oner, F. Hakan, Yanno Bezerra, Gholam A. Peyman, Mandi D. Conway, James M. Lewis, Zhijun Liu, Frank Greenway, Eugene A. Woltering. 2007. Antiangiogenic Effect of a Chinese Sweet Leaf Tea Extract in Experimental Corneal Neovascularization. *Pharmaceutical Biology* 45(1): 44-47.
43. Pan, H., T.F. Shupe, and C.Y. Hse. 2007. Characterization of liquefied wood residues from different liquefaction conditions. *Journal of Applied Polymer Science.* 105:3739–3746.

44. Paudel, K.P., M.A. Dunn, D. Bhandari, R.P. Vlosky and K. Guidry. 2007. "Alternative methods to analyze the rank ordered data: a case of invasive species control." *Natural Resource Modeling*. 20(3):451-471.
45. Perera, P., R.P. Vlosky, G. H.es and M.A. Dunn. 2007. "What do Louisiana and Mississippi Non-Industrial Private Forest Landowners Think about Forest Certification?" *Southern J. of Applied Forestry*. 31(4):170-175.
46. Qin, J., Q. V. Cao, and D. C. Blouin. 2007. Projection of a diameter distribution through time. *Can. J. For. Res.* 37:188-194.
47. Roelke, DL, Errera, RM, Kiesling, R, Brooks, BW, Grover, JP, Schwierzke, L, Ureña-Boeck, F, Baker, J, Pinckney, JL. 2007. Effects of nutrient enrichment on *Prymnesium parvum* population dynamics and toxicity: results from field experiments, Lake Possum Kingdom, USA. *Aquatic Microbial Ecology* 46:125-140.
48. Saksa, P., and Y.J. Xu. 2007. The Influence of intermittent stream hydrology on target TMDLs. In A. Saleh (ed): *Watershed Management to Meet Water Quality Standards and Emerging TMDL*, p198-205, ASABE Publication No. 701P0207.
49. Saxe, J.K., E.W. Wannamaker, S.W. Conklin, T.F. Shupe, and B.D. Beck. 2007. Evaluating landfill disposal of chromated copper arsenate (CCA) treated wood and potential effects on groundwater: evidence from Florida. *Chemosphere*. 66:496-504.
50. Stouffer, P.C. 2007. Density, territory size, and long-term spatial dynamics of a guild of terrestrial insectivorous birds near Manaus, Brazil. *The Auk* 124: 292-306.
51. Stouffer, P.C. and R. O. Bierregaard, Jr. 2007. Recovery potential of understory bird communities in Amazonian rainforest fragments. *Revista Brasileira de Ornitologia* 15: 219-229 (invited paper).
52. Taylor, S.S. and I.G. Jamieson. 2007. Discriminant function analysis for sexing South Island saddlebacks. *Notornis* 54:61-65.
53. Taylor, S.S. and I.G. Jamieson. 2007. Factors affecting the survival of founding individuals in translocated New Zealand saddlebacks. *Ibis* 149:783-791.
54. Taylor, S.S., I.G. Jamieson, and G.P. Wallis. 2007. Historical and contemporary levels of genetic variation in two New Zealand passerines with different histories of decline. *Journal of Evolutionary Biology* 20:2035-2047.
55. Troutman, J. P., D. A. Rutherford, and W. E. Kelso. 2007. Patterns of habitat use among vegetation-dwelling littoral in the Atchafalaya River Basin, Louisiana. *Transactions of the American Fisheries Society* 136:1063-1075.
56. Via, B.K., C.L. So, L.H. Groom, T.F. Shupe, M. Stine, and J. Wikaira. 2007. Within tree variation of lignin, extractives, and microfibril angle coupled with the theoretical and near infrared modeling of microfibril angle. *IAWA J.* 28(2): 189-209.
57. Viosca, A., Y.J. Xu, and W. E. Kelso. 2007. Improving TMDL determinations through assessment of benthic macroinvertebrate communities. In A. Saleh (ed): *Watershed Management to Meet Water Quality Standards and Emerging TMDL*, p148-253, ASABE Publication No. 701P0207.
58. Vun, R.Y. , C.F. de Hoop and W.R. Smith. 2007. Determining the degree of equilibrated moisture content for 12mm southern pine strandboard: a time constant approach. *Forest Products Journal* 57(1/2):43-46.
59. Wang, Z. Q., A. R. Zubri, X. H., Zhang, J. Macgowan, J. Qin, X. Ye, L. Son, Q. Wu, K. Lian, and W.T. Cefalu. 2007. Effects of dietary fibers on weight gain, carbohydrate metabolism, and gastric ghrelin gene expression in mice fed a high-fat diet. *Metabolism Clinical and Experiment*. 56:1635-1642. (IF=3.09)
60. Wu, K. and Y. J. Xu. 2007. Long-term freshwater and sediment input to Lake Pontchartrain in Louisiana, USA. *Hydrological Sciences Journal* 52(1):166-179.
61. Yao, F., Q. Wu, Y. Lei, W. Guo, and Y. Xu. 2007. Thermal decomposition kinetics of natural fibers: activation energy with dynamic thermogravimetric analysis. *Polymer Degradation and Stability*. 93(1):90-98. (IF=3.21)
62. Zhang, Jian, Ying Yu, Dong Liu, and Zhijun Liu. 2007. Extraction and composition of three naturally occurring anti-cancer alkaloids in *Camptotheca acuminata* seed and leaf extracts. *Phytomedicine* 14: 50-56. PMID: 17137773.

1. Aguilar, F.X. and R.P. Vlosky. 2006. "Spatial Analysis of Forest Product Manufacturer Clusters in Louisiana." *Wood & Fiber Science*. 38(1): 121-131.
2. Barlow, J., C.A. Peres, L.M.P. Henriques, P.C. Stouffer, and J.M. Wunderle. 2006. Responses of understory birds to forest fragmentation, logging and wildfires: an Amazonian synthesis. *Biological Conservation* 128: 182-192.
3. Bassett-Touchell, C.A. and P.C. Stouffer. 2006. Habitat selection by Swainson's Warblers breeding in loblolly pine plantations in southeastern Louisiana. *Journal of Wildlife Management* 70: 1013-1019.
4. Cao, Q. V. 2006. Predictions of individual-tree and whole-stand attributes for loblolly pine plantations. *For. Ecol. Mgt.* 236:342-347.
5. Carter, M.C., T.J. Dean, Z. Wang, R.A. Newbold, and T. Cooksey. 2006. Impacts of harvesting and post-harvest treatments on soil bulk density, soil strength, and early growth of *Pinus teada* L.: an LTSP affiliated study. *Canadian Journal of Forest Research* 36: 601-614
6. Chambers, J.L., W.H. Conner, R.F. Keim, S.P. Faulkner, J.W. Day Jr., E.S. Gardiner, M.S. Hughes, S.L. King,
7. Chi, Y. N., J. C. Isaacs, D. R. Lavergne, and W. E. Kelso. 2006. A Multinomial Logit Analysis of Red River Anglers Associated with Fishing Motivations. *Proceedings of the Annual Conference Southeastern Association of Fish and Wildlife Agencies* 59: In press.
8. Dong, Q., X. Lin, X. He, C. Wu, W. E. Kelso, and C. Huang. 2006. Taxonomic composition, abundance, and biomass of mesozooplankton in the Zhelin Bay – an estuary with intensive aquaculture. *Acta Oceanologica Sinica* 25(5):92-
9. Dozier, H., M. Duryea, E. Kampf, and R. Littell. 2006. Hurricanes and Trees in the Southeast. *HortScience* 41(4): 908-909.
10. Egan, A., I. Annis, D. Greene, C. de Hoop and J. Mayo. 2006. Unused Logging Production Capacity in Northern New England. *International Journal of Forest Engineering* 17(1):31-38. <http://www.lib.unb.ca/Texts/JFE/>
11. Frank L. Greenway, Zhijun Liu, Corby K. Martin, Wei Kai-yuan, James Nofziger, Jennifer C. Rood, Ying Yu, and Ronald J. Amen. 2006. Safety and Efficacy of NT, an Herbal Supplement, in Treating Human Obesity. *International Journal of Obesity* April 25: 1-5.
12. Gao, H., T.F. Shupe, T.L. Eberhardt, and C.Y. Hse. 2006. Antioxidant activity of extracts from the bark of *Chaemaecyparis lawsoniana* (A. Murray) Parl. *Holzforschung*. 60(4):459-462.
13. Han, G. P., Q. Wu, and X., Wang. 2006. Stress-wave properties of wood-based panels: effect of moisture, product type, and material direction. *Forest Products J.* 56(1):28-33. (IF=0.3)
14. Han, G. P., Q. Wu, and Z. Lu. 2006. Selected properties of wood strand and oriented strandboard from small-diameter southern pine trees. *Wood Fiber Sci.* 38(4):621-632. (IF=0.4)
15. K.W. McLeod, C.A. Miller, J.A. Nyman, and G.P. Shaffer. 2006. Towards sustainable management of Louisiana's coastal wetland forest: Problems, constraints, and a new beginning. pp. 150-157. *ASABE International Conference on Forest Hydrology and Management of Forest Wetlands*. Publisher, American Society of Agricultural Engineers, St. Joseph Michigan.
16. Kaller, M. D. and W. E. Kelso. 2006. Occurrence of freshwater bivalves in a chronically hypoxic coastal stream. *Journal of Freshwater Ecology* 21: 355-357.
17. Kaller, M. D. and W. E. Kelso. 2006. Short-term decompositional state does not influence use of woody debris by macroinvertebrates in subtropical, coastal plain streams. *Hydrobiologia* 571: 157-167.
18. Kaller, M. D. and W. E. Kelso. 2006. Effects of a small-scale clearing on habitat and macroinvertebrates of a southwestern Louisiana coastal bottomland stream. *The Southwestern Naturalist* 51: 143-151.
19. Kaller, M. D. and W. E. Kelso. 2006. Swine activity alters invertebrate and microbial communities in a coastal watershed. *The American Midland Naturalist* 156: 165-179.
20. Kaller, M. D., and W. E. Kelso. 2006. Effects of a small-scale clearing on habitat and macroinvertebrates of a southwestern Louisiana coastal bottomland stream. *Southwestern Naturalist* 51(2): 143-151.
21. Kaller, M. D., and W. E. Kelso. 2006. Occurrence of freshwater bivalves in a chronically hypoxic coastal stream in Louisiana, USA. *Journal of Freshwater Ecology* 21:355-357.
22. Kaller, M. D., and W. E. Kelso. 2006. Short-term decompositional state does not influence use of woody by macroinvertebrates in subtropical, coastal plain streams. *Hydrobiologia* 571:157-167.
23. Kaller, M. D., and W. E. Kelso. 2006. Swine activity alters invertebrate and microbial communities in a coastal watershed. *American Midland Naturalist* 156:165-179.

24. Kallioranta, S.M., R.P. Vlosky and S. Leavengood. 2006. "Web-Based Communities as a Tool for Extension and Outreach." J. of Extension. 44(2). April 2006. Article Number 2FEA4. www.joe.org
25. Kanouse, S., M.K. La Peyre, and J.A. Nyman. 2006. Nekton use of *Ruppia maritima* and non-vegetated bottom habitat types within brackish marsh ponds. Marine Ecology Progress Series 327:61-69. DOI: 10.3354/meps327061
26. Keim R.F., J.L. Chambers, M.S. Hughes, J.A. Nyman, C.A. Miller, W.H. Conner, J.W. Day Jr., S.P. Faulkner, E.S. Gardiner, S.L. King, K.W. McLeod, and G.P. Shaffer. 2006. Ecological consequences of changing hydrological conditions in wetland forests of coastal Louisiana. pp. 383-395. In (ed) Y. Jun Xu. Coastal Environment and Water Quality. Water Resources Publications. Highlands Ranch, CO. 519 p.
27. Keim, R., J. L. Chambers, M. S. Hughes, L. D. Dimov, W. H. Conner, G. P. Shaffer, Emile S Gardiner, John W Day. 2006. Long-term success of stump sprouts in high-graded baldcypress-water tupelo swamps in the Mississippi Delta. Forest Ecology and Management 234:24-33.
28. Keim, R.F., A.E. Skaugset, and M. Weiler. 2006. Storage of water on vegetation under simulated rainfall of varying intensities. Advances in Water Resources 29:974-986.
29. Keim, R.F., H.J. Tromp-van Meerveld, and J.J. McDonnell. 2006. A virtual experiment on the effects of evaporation and intensity smoothing by canopy interception on subsurface stormflow generation. Journal of Hydrology 327:352-364.
30. Keim, R.F., J. L. Chambers, M. S. Hughes, J.A. Nyman, C.A. Miller, J.B. Amos, W.H. Conner, J.W. Day, Jr. S.P. Faulkner, E.S. Gardiner, S.L. King, K.W. McLeod, and G.P. Shaffer. 2006. Ecological consequences of changing hydrological conditions in wetland forests of coastal Louisiana. pages 383-396 In Y. J. Xu and V. P. Singh (eds). 2006. Coastal Environment and Water Quality. 519pp. Water Resources Publications LLC, Highlands Ranch, Colorado, USA ISBN 1-887201-47-5.
31. Keim, R.F., J.L. Chambers, M.S. Hughes, J.A. Nyman, C.A. Miller, J.B. Amos, W.H. Conner, J.W. Day Jr., S.P. Faulkner, E.S. Gardiner, S.L. King, K.W. McLeod, and G.P. Shaffer. 2006. Ecological consequences of changing hydrological conditions in wetland forests of coastal Louisiana. P. 383-395 in: Coastal Environment and Water Quality, Y.J. Xu and V.P. Singh, eds. Challenges in Coastal Hydrology and Water Quality, Water Resource Publications, Highlands Ranch, Colo. 534 p.
32. Keim, R.F., J.L. Chambers, M.S. Hughes, L.D. Dimov, W.H. Conner, G.P. Shaffer, E.S. Gardiner, and J.W. Day Jr. 2006. Long-term success of stump sprouts in high-graded baldcypress-water tupelo swamps in the Mississippi delta. Forest Ecology and Management 234:24-33.
33. Lebow, S., T.F. Shupe, B. Woodward, D. Crawford, B. Via and, C. Hatfield. 2006. Formosan and native subterranean termite attack of pressure-treated SPF wood species exposed in Louisiana. Wood and Fiber Science. 38(4):609-620.
34. Lee, S., T. F. Shupe, and C.Y. Hse. 2006. Mechanical and physical properties of agro-based fiberboard. Holz als Roh- und Werkstoff. 64(1):74-79.
35. Lei, Y., and Q. Wu. 2006. Cure Kinetics of Aqueous Phenol-Formaldehyde Resins Used for Oriented Strandboard Manufacturing: Effect of Zinc Borate. Journal of Applied Polymer Science 101:3886-3894. (IF=1.3)
36. Lei, Y., Q. Wu, and C. M. Clemons. 2006. Preparation and properties of recycled HDPE/clay Hybrids. Journal of Applied Polymer Science 103(5):3056-3063. (IF=1.3)
37. Lei, Y., Q. Wu, and K. Lian. 2006. Cure Kinetics of Aqueous Phenol-Formaldehyde Resins Used for Oriented Strandboard Manufacturing: Analytical Technique. Journal of Applied Polymer Science 100:1642-1650. (IF=1.3)
38. Leybourne, B.A., G.P. Gregori and C.F. de Hoop. 2006. Gulf of California Electrical Hot-spot Hypothesis: climate and Wildfire Teleconnections. In: Choi, D., Ed., New Concepts in Global Tectonics Newsletter 38(March):3-8. New Concepts in Tectonics, Higgins, Australia.
39. Liu, Jimei, Peng Nan, Qiong Tsering, Tashi Tsering, Zhankui Bai, Li Wang, Zhijun Liu, and Yang Zhong. 2006. Volatile constituents of the leaves and flowers of *Salvia przewalskii* Maxim. from Tibet. Flavour and Fragrance Journal 21: 435-438.
40. Liu, Zhijun, Joshua Schwimer, Dong Liu, James Lewis, Frank L. Greenway, David A. York, Eugene A. Woltering. 2006. Gallic acid is partially responsible for the anti-angiogenic activities of Rubus leaf extract. Phytotherapy Research 20(9): 806-813. PMID: 16835875.

41. Lu, J. Z., Q. Wu, I. I. Negulescu, and J. Y. Chen. 2006. Effects of Fiber Feature and Polymer Melt Index on Mechanical Properties of Sugarcane Fiber/Polymer Composites. *Journal of Applied Polymer Science* 102:5607-5619. (IF=1.3)
42. Lu, L.Z., and Q. Wu. 2006. Surface Characterization of Chemically Modified Wood: Dynamic Wettability. *Wood Fiber Sci.* 38(3):497-511. (IF=0.4)
43. Lutz, C.G. 2006. Egg Nursery Conditions. In: *Aquaculture Compendium*. CAB International, Wallingford, Oxfordshire, UK.
44. Lutz, C.G. 2006. Genetic applications in tilapia culture. In: C. Lim and C. Webster, (Editors), *Tilapia Culture*. Haworth Press.
45. Lutz, C.G. 2006. Monoculture / Polyculture. In: *Aquaculture Compendium*. CAB International, Wallingford, Oxfordshire, UK.
46. Lutz, C.G. 2006. Stocking and Harvesting Strategies. In: *Aquaculture Compendium*. CAB International, Wallingford, Oxfordshire, UK.
47. Lutz, C.G. 2006. Water Recirculation Technology. In: *Aquaculture Compendium*. CAB International, Wallingford, Oxfordshire, UK.
48. Mason, A. and Y. J. Xu. 2006. Spatiotemporal relations of carbon to nitrogen ratio in Atchafalaya River Basin. In Y. J. Xu & V. J. Singh (eds.): *Coastal Environment and Water Quality*, p227-236, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
49. Mejía, M.A., R.P. Vlosky, T.F. Shupe, and F.X. Aguilar. 2006. Análisis participativo de las fortalezas, oportunidades, debilidades y amenazas de la pequeña y mediana industria transformadora de la madera en Siguetepeque y San Pedro Sula, Honduras. *Recursos Naturales y Ambiente*. 46-47:158-165.
50. Nord-Larsen, T., and Q. V. Cao. 2006. A diameter distribution model for even-aged beech in Denmark. *For. Ecol. Mgt.* 231:218-225.
51. Nyman, J.A., R.J. Walters, R.D. DeLaune, and W.H. Patrick, Jr. 2006. Marsh vertical accretion via vegetative growth. *Estuarine Coastal and Shelf Science* 69:370-380. DOI: 10.1016/j.ecss.2006.05.041
52. Perera, P., R.P. Vlosky, H. Amarasekera and N. De Silva. 2006. "Forest Certification in Sri Lanka." *Forest Prod. J. Cover and Feature Article*. 56(11/12):4-11.
53. Piao, C., T.F. Shupe, R.C. Tang, and C.Y. Hse. 2006. Mechanical properties of small-scale laminated wood composite poles: Effects of taper and webs. *Wood and Fiber Science*. 38(4):633-643.
54. Poday, A. M., W. E. Kelso, and D. A. Rutherford. 2006. Assessing floodplain-swamp water quality rehabilitation in the Atchafalaya River Basin, Louisiana. Pages 205-216 in Y. J. Xu and V. P. Singh, editors. *Coastal environment and water quality*. Water Resources Publications, LLC, Highlands Ranch, CO.
55. Qin, J., and Q. V. Cao. 2006. Using disaggregation to link individual-tree and whole-stand growth models. *Can. J. For. Res.* 36:953-960.
56. Reigh, R.C., M.B. Williams and B.J. Jacob. 2006. Influence of repetitive periods of fasting and satiation feeding on growth and production characteristics of channel catfish, *Ictalurus punctatus*. *Aquaculture* 254(1-4): 506-516.
57. Reigh, R.C., M.B. Williams, J.M. Gillespie and C.R. Weirich. 2006. Preliminary observations on the cost of producing fingerling channel catfish, *Ictalurus punctatus*, stocked as sac fry or as hatchery-fed swim-up fry. *Journal of Applied Aquaculture* 18(2): 75-84.
58. Saksa, P. and Y. J. Xu. 2006. Riverine nutrient inputs to Lake Pontchartrain, Louisiana, USA. In Y. J. Xu & V. J. Singh (eds.): *Coastal Environment and Water Quality*, p195-204, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
59. Scott, D.A. and T.J. Dean. 2006. Energy trade-offs between intensive biomass utilization, site productivity loss, and ameliorative treatments in loblolly pine plantations. *Biomass and Bioenergy* 130:001-1010
60. Shupe, T.F. and W.J. Catallo. 2006. Hydrothermal processing of Chinese tallow tree (*Triadica sebifera* syn. *Sapium sebiferum*) biomass. *Wood and Fiber Science*. 38(1):55-63.
61. Shupe, T.F., C.Y. Hse, and H. Roliadi. 2006. Removal of creosote from wood particles at different horizontal and vertical locations of decommissioned poles using steam treatment. *Wood and Fiber Science*. 38(2):345-350.
62. Shupe, T.F., D. Ring, A. Morgan, G. Henderson, and Q. Wu. 2006. Use preservative-treated wood and integrated pest management when rebuilding. *Southern Regional Extension Publication*. SREF-WP-001:1-5.

63. Shupe, T.F., L.H. Groom, T.L. Eberhardt, T.G. Rials, C.Y. Hse, and T. Pesacreta. 2006. Mechanical and physical properties of composite panels manufactured from Chinese tallow tree furnish. *Forest Products Journal*. 56(6):64-67.
64. Singh, V. P. and Y. J. Xu (eds). 2006. *Coastal Hydrology and Processes*. Water Resources Publications LLC, Highlands Ranch, Colorado, USA, 509pp (ISBN 1-887201-46-7).
65. Stouffer, P.C., R.O. Bierregaard, Jr., C. Strong, and T.E. Lovejoy. 2006. Long-term landscape change and bird abundance in Amazonian rainforest fragments. *Conservation Biology* 20: 1212-1223.
66. Van Houtan, K.S., S.L. Pimm, R.O. Bierregaard, Jr., T.E. Lovejoy, and P.C. Stouffer. 2006. Local extinctions in flocking birds in Amazonian forest fragments. *Evolutionary Ecology Research* 8: 129-148.
67. Via, B.K., L.G. Eckhardt, C.L. So, T.F. Shupe, L.H. Groom, and M. Stine. 2006. The response of visible/near infrared absorbance to wood staining fungi. *Wood and Fiber Science*. 38(4):717-726.
68. Viosca, A., A. Mason, P. Saksa, Y. J. Xu, and R. Stich. 2006. Assessment of forestry best management practices in a Louisiana watershed. In Y. J. Xu & V. J. Singh (eds.): *Coastal Environment and Water Quality*, p293-302, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
69. Vlosky, R.P. and T.F. Shupe. 2006. "An Overview of the U.S. Treated Wood Preserving Industry." *Proceedings of Wood Preserving 2006*. Sponsored by the Forest Products Society. New Orleans, Louisiana.
70. Wang, F., Y. J. Xu and A. Bourgeois-Calvin. 2006. Using landsat imagery to model salinity change in Lake Pontchartrain due to Hurricanes Katrina and Rita. In Y. J. Xu & V. J. Singh (eds.): *Coastal Environment and Water Quality*, p467-480, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
71. Wang, Qingbiao, Yong Yang, Xiaomin Zhao, Bin Zhu, Peng Nan, Jiayuan Zhao, Li Wang, Fan Chen, Zhijun Liu, and Yang Zhong. 2006. Chemical variation in the essential oil of *Ephedra sinica* from Northeastern China. *Food Chemistry* 98: 52-58.
72. Weirich, C.R., D.R. Groat, R.C. Reigh, E.J. Chesney and R.F. Malone. 2006. Effect of feeding strategies on production characteristics and body composition of Florida pompano reared in marine recirculating systems. *North American Journal of Aquaculture* 68(4): 330-338.
73. Wu, K. and Y. J. Xu. 2006. Evaluation of the applicability of the SWAT model for coastal watersheds in southeastern Louisiana. *Journal of the American Water Resources Association* 42(5):1247-1260.
74. Xu, Y. J. 2006. Total nitrogen inflow and outflow from a large river swamp basin to the Gulf of Mexico. *Hydrological Sciences Journal* 51(3):531-542.
75. Xu, Y. J. and A. Patil. 2006. Organic carbon fluxes from the Atchafalaya River into the Gulf of Mexico. In Y. J. Xu & V. J. Singh (eds.): *Coastal Environment and Water Quality*, p217-226, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
76. Xu, Y. J. and F. Wang. 2006. The role of Louisiana's forest ecosystems in carbon sequestration. *Louisiana Agriculture* 49(2): 22-23.
77. Xu, Y. J. and V. P. Singh (eds). 2006. *Coastal Environment and Water Quality*. Water Resources Publications LLC, Highlands Ranch, Colorado, USA, 519pp (ISBN 1-887201-47-5).
78. Xu, Y. J., A. Viosca, A. Mason and P. Saksa. 2006. Forestry BMPs protect water quality in Louisiana's streams, bayous and lakes. *Louisiana Agriculture* 49(2): 20-21.
79. Xu, Y. J., K. Wu and V. P. Singh. 2006. Hydrological sensitivity of coastal watersheds in the northern Gulf of Mexico to climate change. In V. J. Singh & Y. J. Xu (eds.): *Coastal Hydrology and Processes*, p71-88, Water Resources Publications, LLC, Highlands Ranch, CO, USA.
80. Zhao, Jiayuan, Jimei Liu, Xiaoyan Zhang, Zhijun Liu, Tashi Tsering, Yang Zhong and Peng Nan. 2006. Chemical Composition of the Essential Oils of Three Wild *Bergenia* Species from Western China. *Flavour and Fragrance Journal* 21: 431-434.
81. Zhu, Bin, Qingbiao Wang, Esben F. Roge, Peng Nan, Zhijun Liu, Yang Zhong. 2006. Chemical variation in leaf oils of *Pistacia chinensis* from five locations in China. *Chemistry of Natural Products*. 42(4): 422-425.

1. Aguilar, F. X., R. P. Vlosky and Q. Wu. 2005. Demographic Profile and Spatial Analysis of Sugarcane Growers in Louisiana, *Journal of the American Society of Sugar Cane Technologists*. 25: 157-172.
2. Aguilar, F.X, R.P. Vlosky and Q. Wu. 2005. Demographic Profile and Spatial Analysis of Sugarcane Growers in Louisiana. *J. of the American Society of Sugar Cane Technologists*. 25(2005): 157-172. Published through the website: [www.assct.org](http://www.assct.org)
3. Bechtoldt, C.L. and P.C. Stouffer. 2005. Home-range size, response to fire, and habitat preferences of wintering Henslow's Sparrows. *Wilson Bulletin* 117: 211-225.
4. Chabreck, R.H., and J.A. Nyman. 2005. Management of coastal wetlands. Pages 839-860 in C.E. Braun, editor *Techniques for wildlife investigations and management*. Sixth Edition. The Wildlife Society, Bethesda, Maryland, USA. ISBN 9780933564152
5. Chambers, J.L., Conner, W.H., Day, J.W., Faulkner, S.P., Gardiner, E.S., Hughes, M.S., Keim, R.F., King, S.L., McLeod, K.W., Miller, C.A., Nyman, J.A., and Shaffer, G.P. 2005. Conservation, protection and utilization of Louisiana's Coastal Wetland Forests. Final Report to the Governor of Louisiana from the Coastal Wetland Forest Conservation and Use Science Working Group. (special contributions from Aust, W.M., Goyer, R.A., Lenhard, G.J., Souther-Effler, R.F., Rutherford, D.A., and Kelso, W.E.). 121p.
6. Chambers, J.L., R.F. Keim, W.H. Conner, John W. Day, Jr., S.P. Faulkner, E.S. Gardiner, M.S. Hughes, S.L. King, K.W. McCleod, C.A. Miller, J.A. Nyman, and G.P. Shaffer. 2005. Conservation of Louisiana's coastal wetland forests. pages 117-135 In T.F. Shupe and M.A. Dunn (eds.) *Proceedings of Louisiana Natural Resources Symposium*. LSU AgCenter, Baton Rouge, LA. ISBN 0-9763632-1-6
7. Chang, S.J., C. Cooper, and S. Guddanti. 2005. Effects of the rotational angle and depth of the opening cut on hardwood log sawing. *Forest Products Journal* 55(10): 49-55.
8. de Hoop, C.F., W.R. Smith, A.M. Sterling and J.T. Houston, Jr. 2005. Comparison of soybean wax firelogs, commercial firelogs and firewood with respect to air emissions. *Forest Products Journal* 55(5):52-58.
9. Dimov, L.D., Chambers, J.C., Lockhart, B.R. 2005. Spatial continuity of tree attributes in bottomland hardwood forests in the southeastern United States. *Forest Science* 51(6): 532-540.
10. Donkor, B.N, R.P. Vlosky and A. Attah. 2005. Appraisal of Government Interventions for Diversification of Species Utilization in Forest Product Exports: Lessons from Ghana. *J. of Institute of Wood Science*. 17(1):1-10. Issue 97. Summer 2005.(UK)
11. Dozier, H. and K. Machtmes. 2005. Arborists in Louisiana, U.S.A: A baseline assessment of safety and professionalism. *Journal of Arboriculture* 31: 228-234.
12. Duery, S. and R.P. Vlosky. 2005. Bolivia: A Global Leader in Certification. *Forest Prod. J. Cover and Feature Article*. 55(8):8-18
13. Han, G., Q. Wu, and X. Duan. 2005. Physical and mechanical properties of mixed comrind and hardwood oriented strandboard bonded with phenol formaldehyde resin. *Forest Products Journal* 55(10):28-36. (IF=0.4)
14. Hwang, C.Y., C.Y. Hse, and T.F. Shupe. 2005. Effects of recycled materials on the properties of wood fiber-polyethylene composites – Part 1: Effect of recycled fiber. *Forest Products Journal*. 55(11):61-64.
15. Ince, P., S.M. Kallioranta and R.P. Vlosky. 2005. ICT and the Paperboard and Packaging Industry. In: *Information Technology in the Forest Sector*. Laurie Hetemaki and Sten Nilsson. (Eds.). International Union of Forest Research Organizations (IUFRO), Vienna. ISBN 3-901347-56-9
16. Jerez, M., T. J. Dean, Q. V. Cao, and S. D. Roberts. 2005. Describing leaf area distribution in loblolly pine plantations with the Johnson's SB function. *For. Sci.* 51:93-101.
17. Keim, R.F., A.E. Skaugset, and M. Weiler. 2005. Temporal persistence of spatial patterns in throughfall. *Journal of Hydrology* 314:263-274.
18. Kelso, W. E., D. A. Rutherford, C. F. Bryan, M. J. Sabo, and K. R. Gelwicks. 2005. Fishes and bottomland forests: hydrologic changes and floodplain habitats of the Atchafalaya River, Louisiana. Pages 213-224 in: L. H. Fredrickson, S. L. King, and R. M. Kaminski, editors. *Ecology and Management of Bottomland Hardwood Systems: The State of Our Understanding*. University of Missouri-Columbia. Gaylord Memorial Laboratory Special Publication No. 10. Puxico.
19. La Peyre, M.K., C.S. Bush Thom, C. Winslow, A. Caldwell and J. A. Nyman. 2005. Comparison of seed bank size and composition in fringing, restored, and impounded marsh in southwest Louisiana. *Southeastern Naturalist* 4:273-286. DOI: 10.1656/1528-7092(2005)004[0273:COSBSA]2.0.CO;2

20. Lu, J.Z., and Q. Wu. 2005. Surface and interfacial characterization of wood-PVC composites: imaging morphology and wetting behavior. *Wood Fiber Sci.* 37(1):95-111. (IF=0.4)
21. Lu, J.Z., Q. Wu, and I.I. Negulescu. 2005. Maleated wood fiber-high density polyethylene composites: coupling mechanisms and interfacial characterization. *Composite Interfaces* 12 (1-2):125-140. (IF=0.6)
22. Lu, J.Z., Q. Wu, and I.I. Negulescu. 2005. Maleated wood fiber-high density polyethylene composites: coupling agent performance. *Journal of Applied Polymer Science* 96:93-102. (IF=1.3)
23. Lutz, C.G. 2005. Production of Turtle Hatchlings. In: J. Silverstein, A. Kelly and C. Kohler (Editors), *Aquaculture in the 21st Century*. American Fisheries Society, Bethesda, MD, pp.209-216.
24. Lutz, C.G. 2005. Viewing urban aquaculture as an agro-industry. In: B.A. Costa-Pierce, P. Edwards, D. Baker and A. Desbonnet (Editors), *Urban Aquaculture*. CABI Publishing (UK), pp. 15-24.
25. Merino, J.H., J.A. Nyman, and T. Michot. 2005. Effects of season and marsh management on submersed aquatic vegetation in coastal Louisiana brackish marsh ponds. *Ecological Restoration* 23:235-243. OI:10.3368/er.23.4.235
26. Piao, C., T.F. Shupe, R.C. Tang, and C.Y. Hse. 2005. Finite element analyses of wood laminated composite poles. *Wood and Fiber Science.* 37(3):535-541.
27. Piao, C., T.F. Shupe, V.J. Gopu, and C.Y. Hse. 2005. Theoretical modeling and experimental analyses of laminated wood composite poles. *Wood and Fiber Science.* 37(4):662-672.
28. Roberts, S.D., T.J. Dean, D.L. Evans, J.W. McCombs, R.L. Harrington, and P.A. Glass. 2005. Estimating individual tree leaf area in loblolly pine plantations using LiDAR-derived measurement of height and crown dimensions. *Forest Ecology and Management* 213: 54-70.
29. Poleo, G.A., C.G. Lutz, G.Cheuk and T.R. Tiersch. 2005. Fertilization by intracytoplasmic sperm injection in Nile tilapia (*Oreochromis niloticus*) eggs. *Aquaculture* 250(1-2):82-94.
30. Shupe, T.F., F.X. Aguilar, R.P. Vlosky, M. Belisle, and A. Chavez. 2005. Wood properties of selected lesser-used Honduran wood species. *Journal of Tropical Forest Science.* 17(3):349-357.
31. Smith, W.R. and Q. Wu. 2005. Durability improvement for structural wood composites- Current state of the art. *Forest Products Journal* 52(2):8-17. (IF=0.3)
32. Strong, C.M., D.R. Brown, and P.C. Stouffer. 2005. Frugivory by wintering Hermit Thrushes in Louisiana. *Southeastern Naturalist* 4: 627-638
33. Taylor, S.S., I.G. Jamieson, and D. Armstrong. 2005. Successful island reintroductions of New Zealand robins and saddlebacks with small numbers of founders. *Animal Conservation* 8:415-420.
34. Via, B.K. and T.F. Shupe. 2005. Relationship of species and season to sawmill by-product production: A case study. *Forest Products Journal.* 55(7/8):35-41.
35. Via, B.K., C. So, T.F. Shupe, M. Stine, and L.H. Groom. 2005. Capability of near infrared spectroscopy to monitor air-dry density distribution and variation of wood. *Wood and Fiber Science.* 37(3):394-402.
36. Via, B.K., C.L. So, T.F. Shupe, L.G. Eckhardt, M. Stine, and L.H. Groom 2005. NIR prediction of wood mechanical and chemical properties in the presence and absence of blue stain using two NIR machines. *Journal of Near Infrared Spectroscopy.* 13(4):201-212.
37. Via, B.K., I.D. Hartley, T.F. Shupe, S.Y. Lee, and B.G. Lee. 2005. The swelling response of loblolly pine (*Pinus taeda*) juvenile wood to water submersion. *Korean J. Wood Science and Technology.* 33(2):17-23.
38. Via, B.K., Q. Wu, I.D. Hartley, T.F. Shupe, S.Y. Lee, and B.G. Lee. 2005. Theoretical sensitivity of warp to varying layer thickness in 5-layer plywood. *Korean J. Wood Science and Technology* 33(2): 24-28.
39. Via, B.K., T.F. Shupe, M. Stine, C.L. So, and L.H. Groom. 2005. Tracheid length prediction in *Pinus palustris* by means of near infrared spectroscopy: the influence of age. *Holz als Roh- und Werkstoff.* 63:231-236.
40. Vlosky, R.P. and T.F. Shupe. 2005. Manufacturers perceptions about using treated wood in children's playground equipment. *Forest Products Journal.* 55(12):190-193
41. Vlosky, R.P., F.X. Aguilar and S. Duery. 2005. Future Status and Potential Future Developments for Forest Certification. *Proceedings of the Louisiana Natural Resources Symposium*. Shupe, T.F. and M.A. Dunn. (Eds.). 2005. LSU AgCenter. Baton Rouge, LA. ISBN 0-9763632-1-6



42. Vun, R.Y. , C.F. de Hoop, and F.C. Beall. 2005. Monitoring Critical Defects of Creep Rupture in Oriented Strandboard using Acoustic Emission: Incorporation of EN300 Standard. *Wood Science Technology* (2005) 39:199-214. Springer Verlag Press. Published online 27 January 2005.  
<http://www.springerlink.com/index/10.1007/s00226-004-0278-9>
43. Wu, K. and Y.J. Xu. 2005. Applicability of SWAT for three coastal watersheds in Louisiana. In A. Saleh (ed): *Watershed Management to Meet Water Quality Standards and Emerging TMDL*, p489-499, ASABE Publication No. 701P0105.
44. Wu, Q., Cai, Z., and J.N. Lee. 2005. Tensile and dimensional properties of wood strands made from plantation southern pine lumber. *Forest Products Journal* 52(2):1-6. (IF=0.3)
45. Xu, Y.J. 2005. Nitrogen retention of the largest river swamp in North America. In A. Saleh: *ASAE Third Conference on Watershed Management to Meet Water Quality Standards and Emerging TMDL*, p14-23, ASABE Publication No. 701P0105.
46. Xu, X., Q. Wu, and D. Zhou. 2005. Kenaf core composites: a laboratory trial. *Journal of Nanjing Forestry University* 29(1):10-16.