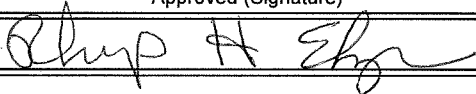


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U.S. Department of Agriculture Accomplishments Report AD-421 U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions			Date (Month, Day, Year)
1. Accession 0220773	Agency Identification No. 2. NIFA 3. LA.B	5. Work Unit/Project No. LAB04020	03/22/2012 6. Status Annual Report
7. Title New Bio-based Paths to Prosperity for Small and Medium Agricultural and Forest Landowners: A Pilot Study in Louisiana and Mississippi			
12. Investigator Name(s) (Last Name and Initials) Vlosky, R. P.; Hughes, H. G.; Terrell, D.; Blazier, M. A.			
20. Termination Date 12/31/2012		40. Period Covered (mo/da/year): 01/01/2011 TO 12/31/2011	
Outputs: This work resulted in 10 workshops, 2 conference presentations, 1 peer-reviewed article, 1 conference proceedings, 1 conference posters, and 2 non-peer reviewed published articles.			
Outcomes/Impacts: This project resulted in a baseline understanding of the roles that forest and agricultural producers play in the rapidly growing bio-based sector for fuel and energy. Short, medium and long-term opportunities were identified for forest landowners and agricultural producers that are seeking options to diversify their revenue generation portfolios. These business practices, if adopted, can significantly change the future priorities, revenue streams and the overall complexion of the agricultural and forestry landscapes for small and medium landowners in Louisiana, Mississippi, and elsewhere in the U.S. Gulf South. Completed: 1) 10 focus groups with representatives from key potential stakeholder groups in the bio-based development efforts. These include, forest landowners, potential investors, electric utilities, farm and forest associations and regional groups, economic development planners, and political representatives from municipalities; 2) Mail survey research-surveys sent to random sample of 9,000 small to medium forest landowners and agricultural producers drawn from the three study regions; 3) Interview and questionnaire quantitative data were coded, entered, and analyzed; 4) Survey results were used to identify high potential alternative product industry sectors that could produce bio-based products. Economic impacts of product scenarios were modeled using IMPLAN I/O models; 5) In Louisiana and Mississippi, we utilized the statewide presence of each state's extension service and experiment station network to conduct 10 stakeholder workshops.			
Publications: 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). Blazier, M., H. Liechty, E. Taylor, R. Vlosky and M. Pelkki. 2011. Extension programming to foster awareness of emerging Agroforestry methods for producing biofuels in the western Gulf region. In Ashton, S.F., S.W. Workman, W.G. Hubbard and D.J. Moorhead, eds. Agroforestry: a profitable land use. Proceedings, 12th North American Agroforestry Conference, Athens, GA, June 4-9, 2011. Vlosky, R.P. 2011. Biofuels Profitability-Paths to Prosperity for Small and Medium Producers in Louisiana and Mississippi. Louisiana Agriculture. Winter 2011.			
Participants: Vlosky, R.P. (PI), R. Smithhart, M. Blazier, R. Olson, P. Darby, LSU AgCenter; S. Lanka, University of Sri Jayawardenapura; D. Terrell, LSU; H. Hughes, Mississippi State University.			
Target Audiences: Forest landowners, potential investors, electric utilities, farm and forest associations, economic development planners, and political representatives.			

We received a no-cost extension to fully execute the extension/outreach component of the project. Demand has been high, requiring us to plan additional workshops in new locations in order to achieve desired geographic coverage.

Approved (Signature)	Title	Date
		3-23-12