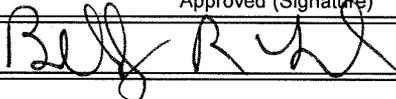


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U.S. Department of Agriculture Accomplishments Report AD-421 U.S. Dept. of Agriculture, State Agricultural Experiment Stations and Other Institutions			Date (Month, Day, Year) 03/23/2012
1. Accession 0224522	Agency Identification No. 2. NIFA 3. LA.B	5. Work Unit/Project No. LAB94080	6. Status Annual Report
7. Title Measuring the Financial Resiliency of Local Economic Institutions to Natural and Man-Made Disasters			
12. Investigator Name(s) (Last Name and Initials) Fannin, J. M.			
20. Termination Date 10/31/2015		40. Period Covered (mo/da/year): 01/01/2011 TO 12/31/2011	
Outputs: Products included the publication of a program manual that allows extension educators to educate local stakeholders. Additional dissemination included teaching one parish government through a participatory research process the current financial condition of their government and expected losses the government would face from multiple tropical natural disasters. Specific events included presentations at the Southern Regional Science Association annual meetings and the American Agricultural Economics Association meetings.			
Outcomes/Impacts: Activities included analyzing changes in financial health of parish and county governments before and after Hurricane Katrina, Rita and Gustav for Louisiana, Mississippi, and Alabama. Scenarios were analyzed incorporating the probabilities of future natural disasters and estimating their expected losses on local government finances and if these losses would reduce a local government's financial health below key healthy thresholds. Specific change in knowledge obtained by the scientist show that a local government's financial health is less a function of the variations in the economic health of the community in any one given year, but is path dependent. A county's economic growth or decline has less to do with financial health than the past management of local government finances. Further, local governments are impacted negatively when tropical natural disasters pass through or near their communities. Local governments better prepared in advance of tropical natural disasters experienced greater reductions in their financial health than local governments in poorer financial health. Federal policies supporting emergency activities, as well as, long-term reconstruction after a tropical natural disaster benefitted local governments with poorer financial planning greater than those with stronger plans in place.			
Publications: Fannin, J.M., and C Franze. 2011. Community Decision Support to Budget Planning Under Coastal Risk. Extension Program Manual. Louisiana Sea Grant. (August).			
Participants: James Fannin (PI), Joshua Detre, Carol Franze, Kevin Savoie, John D. Barreca, LSU AgCenter.			
Target Audiences: Local parish and municipal government finance and administrative staff as well as elected officials and their constituents who make decisions preparing budgets and financing mechanisms for services.			
Project Modifications: Nothing significant to report during this reporting period.			
Approved (Signature) 		Title	Date