PhD Assistantship on Harvesting and Logistics of Short Rotation Woody Crops

The Willow Project Research Group (http://www.esf.edu/willow) at the State University of New York College of Environmental Science and Forestry (SUNY-ESF) (Dr. Timothy A. Volk - tavolk@esf.edu) in Syracuse, NY is inviting applications for a PhD assistantship (20 hrs/wk for 3-4 years) to work on a recently funded U.S. Department of Energy (US DOE) project on improved advanced biomass logistics utilizing short rotation woody crops (shrub willow and hybrid poplar). The ideal candidate will have a Master’s of Science in Forestry, Agriculture, Forest or Agricultural Engineering, Sustainable Energy, Natural Resources Management, GIS or a related field with a strong desire to work in the area of biomass for bioenergy and bioproducts. There are numerous interesting possibilities for the research program; any strengths, proficiencies, or experience in SAS or R programming, SQL or database management, ARCGIS, Python, agricultural CAN Bus systems, life cycle assessments, techno-economic analyses, and/or time-motion analyses should be highlighted. Students may apply for admission into the Forest and Natural Resources Management Program (http://www.esf.edu/fnrm/graduate/) or the Environmental Science program (Coupled Natural and Human Systems area of study - http://www.esf.edu/environmentalscience/graduate/default.htm). Start Date Summer 2015.