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EDUCATION AND TRAINING:

- B.S. Forestry, Oklahoma State University, May, 1994.
- Masters of Forestry, SFRC, University of Florida, August, 2000.
- Ph.D., Economic and Environmental Analysis of Tree Crops on Marginal Lands in Florida, School of Forest Resources and Conservation, University of Florida, December, 2005.

PROFESSIONAL EXPERIENCE:

- April 2010-Present. Natural Resource & Environmental Economist, Oak Ridge National Lab, Bioenergy Program. Resource supply analysis.
- April 2007-April 2010. Project Director, BioResource Management, Gainesville, FL. Assess the economic availability of biomass for bioenergy projects.
- Fall 2009. Co-instructor, Introduction to Natural Resource and Environmental Economics. University of Florida, Gainesville, FL. Developed and presented lecture material.
- 2005-March 2007. Postdoctoral Research Associate, University of Florida, Gainesville, FL. Developed biomass resource supply curves for 28 communities in the southeast US to assess the economic availability of wood for electricity generation in support of “Wood to Energy: A Training Program to Utilize Interface Fuels for Bioenergy”, funded by US DOE and USDA Biomass Research and Development Initiative.
- 1998. Forest Inventory and Marking Technician, W.M. Beaty & Associates, Inc., Susanville, CA. Conducted systematic forest sampling (cruising) to gather stand data needed for forest management.
- 1997-1998. Environment Sector Coordinator, Peace Corps, Asunción, Paraguay. Provided technical and personal support to over 40 agroforestry extension agents and environmental educators.
- 1994-1996, Agroforestry Field Extension Agent, Peace Corps, Rural Paraguay. Provided intensive training to seven farm families successfully establishing innovative agroforestry systems that served as models for farm families in other communities.

PUBLICATIONS:

- Langholtz, M., Carter, D., Rockwood, D., Alavalapati, J. R. R., 2009. The Influence of CO₂ Mitigation Incentives on Profitability of Eucalyptus Production on Clay Settling Areas in Florida. *Biomass and Bioenergy*. 33(5), pp. 785-792.
- Langholtz, M., Carter, D., Rockwood, D., Alavalapati, J. R. R., 2007. The Economic Feasibility of Reclaiming Phosphate Mined Lands With Short-Rotation Woody Crops in Florida. *Journal of Forest Economics*. 12, pp. 237-249.
- Langholtz, M, Carter, D., and Schroeder, R., (In Review) The Economic Availability of Woody Biomass, in *Wood to Energy: Utilizing Interface Fuels for Bioenergy*, USDA Forest Service GTR-xxx.

- Langholtz, M, Carter, D., Marsik, M., and Schroeder, R., 2006. Application of ArcGIS Network Analyst to Assess the Economic Availability of Renewable Biomass for Energy, ArcUser, Vol. 9, No. 4, October-December Edition, pp. 22-25. Online at <http://www.esri.com/news/arcuser/1006/biomass1of2.html>.
- Rockwood, D., Carter, D., Langholtz, M., Stricker, J., 2006. Eucalyptus and Populus Short Rotation Woody Crops for Phosphate Mined Lands in Florida USA. Biomass and Bioenergy. 30, 8, pp. 728-734.
- Langholtz, M., Carter, D., Rockwood, D. L., Alavalapati, J. R. R., Green, A., 2005. Effect of Dendroremediation Incentives on the Profitability of Short-Rotation Woody Cropping of Eucalyptus grandis. Forest Policy and Economics. 7, 5, pp. 806-817.
- Langholtz, M., 2005, Economic and Environmental Analysis of Tree Crops on Marginal Lands in Florida. 1-155, PhD Dissertation, School of Forest Resources and Conservation, University of Florida.
- Hodges, A., Degner, R., Carter, D., Stevens, T., Langholtz, M., Morgan, K.. 2005. Market Enhancement for Small Diameter Timber in Florida. University of Florida, IFAS.
- Smith, W., Hermansen, A., Najafi, F., Rockwood, D., Langholtz, M., Toros, A., Multidisciplinary Academic Demonstration of a Biomass Alliance with Natural Gas” Proc (2004) ICEE conf. Gainesville FL.
- Breuer, N., Langholtz, M., Using Seasonal Climate Variability Forecasts to Plan Forest Plantation Establishment, Florida Cooperative Extension Service Document ABE354, 2004.

SYNERGISTIC ACTIVITIES:

- Outstanding Teaching Assistant of the Year 2002-2003, Forest Mensuration, School of Forest Resources and Conservation, University of Florida.
- University of Florida Alumni Fellowship, 2002.
- Co-presenter, Working Forests in the Tropics, Gainesville, FL, February 14th, 2005.
- Finalist, World Bank Development Marketplace, Washington D.C., April 2000.