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## **Curriculum Vitae**

### **Andres Susaeta**

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Personal Citizen of Chile

#### **Professional Experience**

2010-present. Postdoctoral Associate. Department of Forest Resources and Environmental Conservation, Virginia Polytechnic Institute and State University.

2006-2009. Research Assistant. School of Forest Resources and Conservation, University of Florida.

Fall 2009. Teaching Assistant of Natural Resource Policy and Administration. School of Forest Resources and Conservation, University of Florida.

2003-2005. Research Assistant. School of Forestry, University of Canterbury.

2000-2003. Research Assistant. Faculty of Forest Sciences, University of Chile.

1999-2000. Research Assistant, National Center for Environment (CENMA), Chile.

#### **Other Employment**

2005. Project Engineer. Biodiversa Consultancy.

2004. Associate Consultant. Silvae Consultancy.

1998-1999. Teaching Assistant of Macroeconomics. Faculty of Forest Sciences, University of Chile.

## **Education**

Doctor of Philosophy (Ph.D.), December 2009. University of Florida, School of Forest Resources and Conservation, Gainesville, USA. General Area of Study: Forest Economics and Policy, Food and Resource Economics. Dissertation: "Economics of forest biomass based bioenergy in the Southern United States". Major Advisor, Dr. Janaki Alavalapati.

Master of Forestry Science (MForSc), June 2005. University of Canterbury, School of Forestry, New Zealand. General Area of Study: Forest Economics and Valuation. Thesis: "Comparative analysis of the discounted cash flow approach and option pricing theory for forest valuation: a Chilean case study" Major Advisor, Dr. Bruce Manley.

Forestry Engineer, 1999. University of Chile, Faculty of Forest Sciences, Santiago, Chile. Major: Forest Management.

**Research Interests:** Applied Econometrics, Natural Resource Economics and Policy, Forest Valuation, Bioenergy

## **Courses at Ph.D. level**

Valuation of Forest Resources  
Forest Conservation and Management Policy and Issues  
Mathematical Statistics  
Econometric Methods I  
Econometric Methods II  
Discrete Choice Analysis  
Welfare Economics and Public Policy  
Economic Development  
Macroeconomic Theory in Open Economies II  
Natural Resource Economics  
Seminar in Natural Resource and Environmental Economics

## **Short courses**

Environmental and Resource Economics Training Course: Valuation and Household Surveys. Latin American and Caribbean Environmental Economics Program (LACEEP), July 28<sup>th</sup>-August 11<sup>th</sup>, 2008, Turrialba, Costa Rica. Instructors: Dr. Fredrik Carlsson, University of Gothenburg, and Dr. Dale Whittington, University of North Carolina, Chapel Hill.

## **Publications**

### *Refereed Journal Articles*

Susaeta, A., Alavalapati, J., Carter, D. 2009. Modeling Impacts of Bioenergy Markets on Nonindustrial Private Forest Management. *Natural Resource Modeling* 22(3): 345-362.

Susaeta, A., Alavalapati, J., Lal, P., Matta, J. Assessing Public Preferences for Forest Biomass Based Energy in the Southern United States. *Environmental Management*. Forthcoming.

Dwivedi, P., Alavalapati, J., Susaeta, A., Stainback, A. 2009. Impact of Carbon Value on the Profitability of Slash Pine Plantations in the Southern United States: An integrated Life Cycle and Faustmann Analysis. *Canadian Journal of Forest Research* 39(5): 990-1000.

Lal, P., Alavalapati, J., Marinescu, M., Dwivedi, P., Susaeta, A. Developing Sustainability Indicators for Woody Biomass Harvesting in the United States *Journal of Sustainable Forestry*. Forthcoming.

### *Reports*

Alavalapati, J., Hodges, A., Lal, P., Dwivedi, P., Rahmani, M., Matta, J., Kaufer, I., Susaeta, A., Kukrety, S., Stevens, T. 2008. Southern Bioenergy Roadmap. Southeast Agriculture and Forestry Energy Resources Alliance (SAFER), University of Florida.

### *Work in Progress*

Public preferences towards environmental externalities: a choice experiment study of woody biomass based electricity in the Southern United States (with Pankaj Lal and Janaki Alavalapati; under review in *Energy Economics*)

Should the forest industry be concerned about bioenergy markets? An econometric model for wood markets in Florida, United States (with Janaki Alavalapati and Pankaj Lal; to be submitted in *American Journal of Agricultural Economics*)

Sustainability of Nonindustrial Private Forest (NIPF) Landowner (with Janaki Alavalapati, Greg Amacher, Sayeed Mehmood and Wayne Smith; White Paper under review in Biomass Incentives and Forest Sustainability (BIFS) research project, USDA/DOE.

## Scholarships and Awards

New Zealand Development Master Scholarship. New Zealand's International Aid & Development Agency (NZ Aid). Ministry of Foreign Affairs and Trade. February 2003 to June 2005.

Doctoral Scholarship. University of Florida, United States Department of Agriculture (USDA) and Department of Energy (DOE). August 2006 to December 2009.

## Funded Research

Duration	Short Title	Funding Source	Total Amount	Collaborators	Role
4/2008-4/2009	Impacts of Bioenergy Production on Conservation of Wildlife Habitat	National Council for Science and the Environment	95,000	Fletcher, R Alavalapati, J	Thematic area expert
5/2008-3/2009	Southern Bioenergy Roadmap	Southern Growth Policies Board	40,000	Alavalapati, J Hodges, W et al	Thematic area expert

## Presentations

Susaeta, A, Alavalapati, J., Carter, D., Mehmood, S. 2007. Impacts of Bioenergy Markets on Non Industrial Private Forest Management in the Southeastern USA. Presentation made at the Society of American Foresters Annual Convention. October 23-26, 2007. Portland, OR.

Susaeta, A. 2009. Economics of Forest biomass based Bioenergy in the southern United States. Seminar presentation at the School of Forest Resources and Conservation, University of Florida, November 30<sup>th</sup>, 2009.

Susaeta, A, Alavalapati, J. 2010. Bioenergy and Meta Issues: Progress and Future Plans. Presentation made at Southern Future Forest Project Meeting. February 22-24, 2010. Atlanta, GA.

Susaeta, A. 2010. Forest Biomass Based Bioenergy Production in the southern United States: an Economic Analysis. Seminar presentation at the Center for Environmental and Resource Economics (CERE), Umea University, March 9<sup>th</sup>, 2010.

## Professional Service

*Referee and Manuscript Review*

Journal of Environmental Management

**Skills:** Instrumental variable methods (2SLS and 3SLS), multiproduction functions, contingent valuation and choice modeling, forest valuation techniques. Softwares: STATA, LIMDEP and GAUSS.

## **Referees**

Janaki Alavalapati	Professor and Head Department, Forest Resources and Environmental Conservation, Virginia Polytechnic Institute and State University. Ph: 1 540 231 5676; email: jrr@vt.edu
Sherry Larkin	Associate Professor, Food and Resource Economics Department. University of Florida. Ph: 1 392 1845 Ext: 431; email: slarkin@ufl.edu
Bruce Manley	Associate Professor and Head of School, New Zealand School of Forestry, University of Canterbury Ph: 64 3 364 2122; email:bruce.manley@canterbury.ac.nz