

**JANAKI R.R. ALAVALAPATI**

Professor and Head

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**EDUCATION**

<b>Institution</b>	<b>Major</b>	<b>Degree</b>	<b>Year</b>
Department of Resource Economics and Environmental Sociology (formerly Rural Economy), University of Alberta, Canada	Forest Economics ( <i>Agricultural and Economic Development as a Complementary Field</i> )	Ph.D	1995
University of Alberta, Canada	Rural Sociology ( <i>Extension</i> )	MS	1990
Forest Research Institute and Colleges, India	Forestry ( <i>Allied subjects</i> )	M.Sc	1982
Sri Venkateswara (S.V.) University, India	Botany ( <i>Plant Virology</i> )	M.Sc	1975
S.V. University, India	Botany, Zoology, & Chemistry	B.Sc	1973

**Administrative Training**

- Administrative and Executive Leadership Training, Executive Development Institute at Virginia Tech, 2009-10
- Resolving Conflict Through Leadership, University of Florida, 2000

**Technical Training**

- Advances in Modeling Human Choice Behavior, University of Alberta, Canada, 2006
- Computable General Equilibrium (CGE) Modeling using MPSGE, University of Colorado, Boulder, 2004
- Advanced Economic Modeling, Washington, DC, 2003
- Dynamic Global Trade Analysis (2000) & Static Global Trade Analysis, Purdue University (1997)

**EMPLOYMENT HISTORY**

<b>Employer</b>	<b>Position</b>	<b>Dates</b>
Virginia Polytechnic and State University (VT)	Professor and Head	2008 - present
U.S. Department of State &	Senior Advisor for International Energy	2007 – 2008

University of Florida	Affairs (bioenergy focus)	
University of Florida	Professor (Tenured)	2007 - 2008
University of Florida	Associate Professor (Tenured)	2003 - 2007
University of Florida	Assistant Professor (Tenure accruing)	1998 - 2003
University of Alberta & Canadian Forest Service, Canada	Visiting Assistant Professor & Resource Economist	1995 - 1998
Department of Rural Economy University of Alberta, Canada	Graduate Research Assistant Postdoctoral Fellow	1990 - 1995
Department of Rural Economy, University of Alberta, Canada	Canadian International Development Agency (CIDA) Fellow	1987 - 1989
Government of Andhra Pradesh, India	Assistant Conservator of Forests Forest Range Officer	1982 – 1987 1976 – 1980

## HONORS and AWARDS

- Senior Fellow, Energy and Climate Partnership of the Americas, Bureau of Western Hemisphere Affairs, US Department of State (2011-present)
- Talented Conservator Award for outstanding contribution in the field of conservation and restoration of medicinal plants/trees presented at the International Seminar on International Medicinal Plants and Herbal Products, India 2010
- International Union of Forest Research Organizations Scientific Achievement Award at the World Forestry Congress 2010 in Seoul, South Korea.
- Superior Honor Award from the US Department of State for policy guidance and coordination of Washington International Renewable Energy Conference 2008.
- Jefferson Science Fellow (selected by the National Academy Sciences) 2007-2008
- University of Florida (UF) Research Foundation Professorship 2006-2009
- Founding Director, Conserved Forest Ecosystems Outreach and Research (CFEOR) 2006-2007
- Stephen Spurr Award for technical contributions to Forestry in Florida by the Florida Division of the Society of American Foresters 2005.
- Graduate Teacher & Adviser of 2003-2004, College of Agricultural and Life Sciences, University of Florida.
- Advisor of the outstanding PhD dissertation School of Forest Resources and Conservation (SFRC), UF 2004 & 2003; Advisor of the outstanding MS thesis SFRC/UF 2003
- Courtesy faculty in the School of Forest Resources and Conservation (2008-present), Affiliate faculty status in the School of Natural Resource and Environment (1998-2008), Food and Resource Economics Department (1999-2008), and the Center for Latin

American Studies (2004-07) at the UF

- Co-founder of the Center of Subtropical Agroforestry, UF
- University of Alberta PhD scholarship for 1990-92
- T.W. Manning prize for 1991-92 & 1988-89, University of Alberta
- Canadian International Development Agency Scholarship 1987-89
- Indian Forester Prize, Forest Research Institute and Colleges, India 1978.

## **ADMINISTRATIVE EXPERIENCE**

**As the Head of the Department of Forest Resources and Environmental Conservation (2008-present)**, a nationally ranked academic unit at Virginia Tech, I have:

- Administered 56 employees (28 faculty, 4 extension specialists, 16 postdoctoral fellows or research associates, and 8 support and technical staff)
- Managed a budget of over \$8 million annually
- Facilitated the name change of the department to better reflect our academic programs.
- Facilitated the development of new transfer guidelines with community colleges and the addition of new undergraduate majors/options and deletion of obsolete programs.
- Promote professional development, scholarship and leadership among graduate students by instituting annual graduate symposium, departmental seminars (Fall and Spring), and a graduate course in research procedures
- Coordinated inter-college and inter-departmental interdisciplinary graduate programs.
- Administered faculty hiring, retention, and tenure and promotion process; created a three-pronged approach for to-be-tenured faculty to successfully establish and earn tenure and promotion. Facilitated the process for faculty to earn college, university, national, and international level awards.
- Decentralized the decision-making process to promote shared governance, advanced collegiality through formal and informal means to promote collaboration, and increased communication network (through twice a year newsletters and bi-weekly updates electronically) to provide greater transparency.
- Worked with Natural Resources Distance Learning Consortium and Institute for Distance and Distributed Learning at VT to promote distance education.
- Worked with Development Officer and Advisory Board members to secure private endowments.
- Restructured extension administration to make it more efficient
- Worked with support and technical staff and reorganized the structure to provide better services to students and faculty.

***All the above have led to an increase in undergraduate enrollment increased by 42%, graduate enrollment by 30%, research expenditures by 45%, and a more vibrant extension program.***

- As an executive member of the Department Heads Council at VT, I have worked on major academic and administration issues that interface departments and colleges.
- I have actively worked with other departmental heads and deans of College of Natural Resources and Environment and College of Agriculture and Life Sciences at Virginia Tech in formulating and implementing education, research, and extension programs.

- In addition, in a year-long special administrative training from the Executive Development Institute at VT (2009-10), I have worked with senior administrators of various units and gained a deep understanding of the university governance.

**As a Forest Officer** in India, I have successfully developed and implemented agroforestry programs and forestry extension projects. I have trained forestry extension staff, administered over 55 personnel, and managed state and central government budgets.

## **ACADEMIC LEADERSHIP AND SERVICE**

### **National experience**

- As a Senior Fellow, Energy and Climate Partnership of the Americas, Bureau of Western Hemisphere Affairs, US Department of State, I have been promoting President Obama's initiative by providing advice on sustainable landscapes, bioenergy, and climate mitigation (2011-present)
- As a Jefferson Science Fellow in the U.S. Department of State and the National Academy of Sciences, I provide advice and service on education, science, and technology matters (2007-2012)
- Member of review panels for NSF, DOE, and USDA
- Reviewer, Masters of Science program in Sustainable Management program at the University of Toronto (2011)
- Reviewer, Graduate Program in Forestry and Environmental Resources, College of Natural Resources, NC State University (2009).
- As a Senior Advisor for International Energy Affairs at the U.S. Department of State in Washington D.C., I have worked with senior diplomats and representatives from the USAID, DOE, USDA, US Department of Commerce, NSF, EPA, FAO, several non-governmental organizations, and the private sector in developing or implementing national, bilateral and multilateral agreements (2007-08).

### **International Experience**

- Served as an external examiner for a PhD committee in the Lincoln University, New Zealand (2005-2006).
- Served as an external examiner for a PhD committee in the University of Toronto (2004).
- Member of a team teaching field course--Integrated Forested Watershed Management--at the Czech Agricultural University, Prague since 2003. The course involves lectures, labs, and extensive field tours in Czech Republic, Germany, Slovakia, and Austria.
- Direct research experience in U.S., Canada, India, China, Czech Republic, and Rwanda; indirect research experience (as a major advisor of graduate students) in Nepal, Nicaragua, Micronesia, Vietnam, Zambia, Botswana, Namibia, Trinidad and Tobago, and Brazil.
- Supervised a visiting scholar--Dr. Karen Ter-Ghazaryan, Deputy Executive Director and Director of Research Programs, Forest Research and Experimental Center, Yerevan, Armenia---between May and June 2002. He was funded by the US Department of State,

Bureau of Educational and Cultural Affairs and administered by the International Research & Exchange Board (IREX).

- Hosted 3 short-training courses for Indian Forest Officials (2000 & 2003)

### **University-wide**

- Member, Executive Committee, Department Heads Council, VT (2009-present)
- Member, University of Florida Senate 2004 – 2007
- Member, Land Use Committee, University of Florida Senate 2005
- Member, Curriculum Committee, Tropical Conservation and Development, Center for Latin American Studies, UF 2003-2008
- Faculty advisor, Environment, Science, and Policy Society, UF 2006-2007
- Member, UF Sustainable Task Force, 2002
- Member, Graduate Programs Committee, School of Natural Resources and Environment/UF, 2001-2008
- Mentor, Minority Students, 2001
- Advisor, Student Council, College of Natural Resources and Environment, UF 2001
- Commencement Marshal, University of Florida (1998-2002).

### **College-wide**

- Member, College of Natural Resources and Environment's Promotion and Tenure Committee, VT (2008-present)
- Member, Search Committee, Associate Dean for Academic Affairs, College of Natural Resources and Environment, VT (2010)
- Chair, Search Committee, Professor and Head of the Department of Wood Science and Forest Products, VT (2009-10)
- Chair, College of Agricultural and Life Sciences (CALs), UF, Teaching and Advising Committee 2005 – 2007 (Coordinated evaluation of packets for the best Undergraduate Advising Award; Undergraduate Teaching Award; and Graduate Teaching/Advising Award)
- Chair, CALs, UF, Doctoral Dissertation Advisor/Mentoring Committee 2005 - 2007
- Chair, CALs, UF, Teaching Technology Committee 2004
- Member, Organizing Committee, Climate Information for Managing Risks Symposium, June 10-13, 2008, St. Pete Beach, FL.
- Member, Search and Screen Committee, Assistant Professor Environmental /Water/Land Economics and Policy, Food and Resource Economics Department, UF, 2005-06
- Member, CALs, UF, Teaching Technology Committee 2003
- Member, Peer Evaluation Committee for Dr. Madan Oli, Wildlife Ecology and Conservation, UF, 2004
- Member, Search and Screen Committee, Assistant/Associate Professor in Water Resources, IFAS/UF 2004

### **Department-wide**

- Overall in-charge for learning, discovery, and extension activities of the Department of FREC, VT (2008-present)
- Member, School of Forest Resources and Conservation (SFRC) Standing Mentoring Committee (for faculty) 2006- 2008
- Chair, Mentoring Committee for Dr. Karen Kainer, SFRC/UF 2003-2006
- Chair, Peer Evaluation Committee for Dr. Martha Monroe, SFRC/UF, 2005
- Member, Peer Evaluation Committee for Dr. Douglas Carter, SFRC/UF 2006
- Member, John Grey Lecture Series Committee, SFRC/UF 2004-2008
- Member, Graduate Programs Committee, SFRC/UF, 1998-2008
- Member, Undergraduate Programs Committee, SFRC/UF 1999-2005
- Member, Search and Screen Committee, Assistant Professor in Fire Science and Forest Conservation, SFRC/UF, 2005-06
- Member, Steering Committee, An international conference on “Working Forests in the Tropics: Policy and Market Impacts on Conservation and Management” February 14-15, 2005, UF/IFAS/SFRC, Gainesville, FL.
- Member, Search and Screen Committee, Assistant Professor in Hydrology, SFRC/UF, 2005
- Member, Local Organizing Committee, 1<sup>st</sup> World Congress of Agroforestry: Working Together for Sustainable Land-use Systems, June 27 – 2 July 2004, Orlando, Florida, USA
- Member, Search and Screen Committee, Assistant Professor in Quantitative Genetics, SFRC/UF, 2004
- Member, Steering Committee, A conference on “Working Forests in the Tropics” February 25-26, 2002, UF/IFAS/SFRC, Gainesville, FL.
- Member, Search and Screen Committee, Assistant Professor of Biological Modeling, SFRC/UF, 2001
- Member, Search and Screen Committee, Research Assistant Professor, Center for Subtropical Agroforestry, SFRC/UF 2001
- Member, Search and Screening Committee, Associate Professor of Tropical Forestry and Executive Director of the Forest Management Trust, SFRC/UF 1999

### **ACADEMIC ADVISEMENT, AND MENTORING**

- Advisor, Pre-law (undergraduate) and JD (graduate) programs, SFRC, UF
- Chair/co-chair, 15 PhD and 12 masters committees
- Member, 19 PhD and 15 masters committees
- Supervisor, 7 Postdoctoral fellows
- Mentor, 12 international visiting fellows/scholars;
- Mentor, 2 honors students and 3 summer interns

## **PROFESSIONAL SOCIETY/ORGANIZATIONS SERVICE**

- Policy Chair, National Association of University Forest Resource Programs (NAUFRP), 2010-present
- NAUFRP representative on Association of Public and Land-grant Universities (APLU) Committee on Legislation and Policy which focuses on developing Farm Bill 2012.
- Policy Chair, Southern NAUFRP, 2009-10
- Member, Scientific Advisory Board, The TRIA Project: Mountain Pine Beetle System Genomics, Canada 2009-present
- Member, Advisory Board, Virginia Forestry Association 2009-2010
- Deputy Coordinator, Social and Economic Aspects of Forestry Unit, International Union of Forest Research Organizations (IUFRO) (2005-2010)
- Chair, Society of American Foresters (SAF)- Economics, Policy, and Law Working Group 2008-2009
- Chair-elect for Society of American Foresters (SAF)- Economics, Policy, and Law Working Group 2007-2008
- Member, Florida SAF Policy & Legislative Committee (2000-2008)
- Steering Committee Member, Southern Forest Economics Association, US (2003-2007)
- Member, Association of the Environmental & Resource Economists (1998-2006)
- Member, Virginia Forestry Association, USA (2008-present)
- Member, Florida Forestry Association, USA (1998-2008)
- Member, American Association for the Advancement of Science (1999-2005)
- Member, Xi Sigma Pi, School of Forest Resources and Conservation (1999-2008)
- Member, Gamma Sigma Delta, Florida Chapter (2002-2008)

## **OTHER NATIONAL AND INTERNATIONAL PROFESSIONAL EXPERIENCE**

### **Service on Editorial Board**

- Scientific Advisory Board Member, *Forest Policy and Economics* 2006-present
- Advisory/Editorial Board Member, *World Forests*, Springer, Netherlands 2006-present
- Associate Editor, *Forest Science* 2006-2007
- Associate Editor, *Canadian Journal of Forest Research* 2005-2007
- Editorial Board Member, *Agroforestry systems* 2001-2008
- Associate Editor, Book Review, *Forest Science* 2002-2005
- Guest Associate Editor, *Forest Science* 2002
- Guest Associate Editor, *Forest Policy and Economics* 2005

### **Consulting Experience**

- Consultant to Inter-American Development Bank to assess economy-wide impacts of forest concessions in Brazil (2011-12).
- Invited participant in the Curriculum Development Workshop sponsored by U.S.-India Agricultural Knowledge Initiative, New Delhi and Hyderabad, India (2007)

- Member of a Trade Team to Hong Kong and China sponsored by the Commissioner, Florida Department of Agriculture and Consumer Services 2002: Responsible to explore and assess market opportunities for Florida forest products.
- Consultant to the Wildlife Conservation Society 2002: Responsible to conduct research on stakeholder preferences for managing Nyungwe Forest Reserve in Rwanda (Worked with Mr. Michel Masozera on this task)
- Member of the Natural Forest Management (NFM) Project Advisory Group for the USAID-sponsored Natural Forest Management Assessment (2001-2002). Responsible to provide guidance on the design and development of methodologies for assessing forestry projects. The service is provided through the Forest Management Trust and Chemonics International Inc.
- Consultant to the International Institute for Environment and Development, United Kingdom 1997-98: The responsibility was to conduct research and develop a report on “The distributional effects of environmental tax reform”.

## **EDUCATION, RESEARCH, EXTENSION EXPERIENCE**

- **Teaching:** Taught courses in Natural Resource Policy and Administration, Forest Conservation and Management Policy, Resource Valuation, Bioenergy, Forest Economics, Natural Resource Economics, and Integrated Forested Watershed Management (team taught course) at Virginia Tech, the University of Florida, University of Alberta, Czech Agricultural University.
- **Research:** Over 20 years of research experience in natural resources and agriculture
  - Investigated issues include valuing environmental services (carbon sequestration, biodiversity, water quality, and recreation), land use in wildland-urban interface, invasive species management, bioenergy, agroforestry, protected areas management, and community based resource management.
  - Demonstrated competency in quantitative techniques including computable general equilibrium, dynamic optimization, regional economic modeling, limited dependent variable analysis, and analytical hierarchy process.
  - Secured over \$5 million (as PI or co-PI) research support from US Department of Agriculture, US Department of Energy, USDA Forest Service, National Commission on Science for Sustainable Forestry, National Science Foundation, Florida Division of Forestry, Florida Forestry Association, Canadian Embassy, Canadian Forest Service, Beinecke Memorial and Wildlife Conservation Society, and Environmental Defense.
- **Extension:** Led agroforestry and social forestry extension projects funded by Canadian International Development Agency and state and national governments in India (1984-87). Worked with several extension associates at the UF to disseminate research information to clients and to bring field knowledge into class room (1998-2007). Administered forestry and natural resource extension activities by working with faculty and staff at VT and stakeholders across the state of Virginia and beyond (2008-present).

**Education, research, extension grants (total >\$5 million)**

- USDA Forest Service: Policies to promote forest landowner participation in Greenhouse Gas reduction programs (2009-11, PI). \$60,000
- USDA Forest Service, Bioenergy implications on Southern Forests Future (2009-11, PI). \$65,000
- American Forest Foundation, Graduate Research Seminar--Bioenergy and Family Forestry (2009-2010, PI). \$30,000
- National Council for Science and the Environment, Impacts of Bioenergy Production on the Conservation of Wildlife Habitat (2008-09, PI), \$94,641.
- Developing an Online Graduate Program in Ecological Restoration, USDA Higher Education Challenge Grant, (2007-2010, Co-PI), \$472,000.
- National Science Foundation, Doctoral Dissertation Research: Linking Tourism, Well-being, and Conservation in the Okavango Delta (2007-08, PI), \$12,000.
- Environmental Protection Agency, Developing Indicators for Measuring the Sustainability of Bioenergy Products Derived from Pine Forests in the U.S. South (2008-09, PI), \$10,000.
- Southern Growth Policies Board, Southern Bioenergy Roadmap- Asset Inventory (2008, PI), \$40,000.
- Environmental Defense, Opportunities for Greenhouse Gas Reduction through Forestry and Agriculture in Florida (2006-07, Co-PI), \$75,000
- US Department of Agriculture & US Department of Energy / Bioenergy: optimum incentives and sustainability of non-industrial private forests in the U.S. South (2006-09, PI), \$821,019
- Florida Division of Forestry / Visitor preferences and economic impact analysis of OHV recreation (2005-06, PI), \$50,000
- UF/IFAS / Fire in the Juniper Prairie Wilderness: Is it a viable tool for ecosystem management? (Co-PI), \$92,000
- UF/IFAS / Valuing environmental services of rural lands in Florida (Co-PI), \$85,000
- UF/SNRE Creating a cooperative for sustainable management of Florida's public forest resources (2005-06, PI), \$15,000
- Canadian Embassy, Washington DC / A comparative analysis of regulatory and incentive policies influencing private forestry in the United States and Canada (PI), \$7,500
- National Commission on Science for Sustainable Forestry / Identification and assessment of conservation compatible forest practices (PI), \$99,249
- Florida Forestry Association / Economic impact analysis of the Florida forest products industry (Co-PI), \$66,048
- UF/IFAS / Identifying opportunities and challenges for conservation easements (PI), \$3,000
- USDA-TSTAR / Economics of managing invasive species in tropical and subtropical areas of the United States of America (Co-PI), \$705,000
- UF / IFAS Review of incentive programs for sustainable management of forestlands (PI), \$2,400

- USDA-HEC / Interdisciplinary program in natural resource management: Integrated analyses of forested watersheds (Co-PI), \$99,814
- USDA SARE / Enhancing the environmental and economic competitiveness of small farms through agroforestry (Co-PI), \$190,000
- UF / IFAS Economic analysis of wildlife recreation on Deseret Cattle Ranch in South Florida (PI), \$2,400
- USDA Forest Service / Regional economic impact assessment of National Forest Protection and Restoration Act of 2001 (PI), \$5,000
- USDA Smith Lever / Florida's water resources: An extension education initiative (Co-PI), \$36,750
- Center for Natural Resources, UF / Biofuel production from slash pine plantations: Implications for timberland values and carbon sequestration (PI), \$3,500
- USDA - IFAFS / Establishing a Center for Subtropical Agroforestry (Co-PI), \$3,914,000
- UF / Feasibility of public private venture (PPV) approach to manage recreational activities on U.S. National Forests (PI), \$2,400
- Beinecke Memorial and Wildlife Conservation Society / Socioeconomic impact analysis of Nyungwe Forest conservation in Rwanda (PI), \$30,000
- Forest Department, Andhra Pradesh, India / Training of Indian forestry professionals in integrated forest management planning and evaluation (PI), \$24,127
- USDA - CSREES / Course restructuring for the teaching of critical thinking (Participant), \$1,500
- USDA Foreign Agricultural Service & Canadian Forest Service / Forest carbon sequestration policies: Implications for forest management in Canada and the U.S. (PI), \$75,025
- USDA Forest Service / Changes in international trade and investments in forestry: Implications for the U.S. South (PI), \$20,000
- USDA Forest Service / Effect of carbon sequestration policies on the forestry and other sectors of the U.S. economy (PI), \$15,000
- Center for Natural Resources - UF / Economics of non-timber uses of longleaf pine forest biomass: Policy implications for restoration (PI), \$6,000
- USDA Forest Service / Silver Glenn Springs nature-based tourism study (Co-PI), \$37,080
- UF-IFAS Florida FIRST Competitive Grants / Ecological economic sustainability of alley cropping agroforestry systems (Co-PI), \$18,000
- Foothills Model Forest & Canadian Forest Service / Socioeconomic analysis of forestry issues in Foothills Model Forest (PI), \$4,737
- Indian Council of Forestry Research and Education & FAO / Training of Indian forestry professionals (PI), \$7,000
- Center for Biomass Programs - UF / Economic analysis of forest biomass as carbon sink: Implications for forest management in Florida (PI), \$6,000
- Canadian Embassy, Washington DC / Emerging issues in Canadian forestry (PI), \$3,932

**PUBLICATIONS<sup>1</sup> (Total = 194; Books edited 7; book chapters 24; refereed journal articles 80; non-refereed publications 83)**

**Books/Journals/Proceedings Edited (Total = 7)**

1. Alavalapati, J.R.R., Hodges, A. W. Lal, P., Dwivedi, P., Rahmani, M., Kaufer, I., Matta, J.R., Susaeta, A., Kukrety, S., Stevens, T.J., 2009. Bioenergy Roadmap for Southern United States. Southeast Agriculture & Forestry Energy Resources Alliance (SAFER), Southern Growth Polices Board, North Carolina, pp1-127.
2. Mulkey, S., J.R.R. Alavalapati, A. Hodges, A. Wilkie, and S. Grunwald 2008. Opportunities for greenhouse gas reduction through forestry and agriculture in Florida. A report prepared for Environment Defense Council, Washington, DC, pp 1-61.
3. Zarin, D., J.R.R. Alavalapati, and M. Schmink (eds.) Working Forests in the Tropics: Policy and Market Impacts on Conservation and Management. 2008. Journal of Sustainable Forestry (Special Issue) 27(1–2): 1-188.
4. Alavalapati, J.R.R., D.R. Carter, and D.H. Newman (eds.) 2005. Economic and policy perspectives of the wildland-urban interface. Forest Policy and Economics (Special Issue) 7(5): 705-830.
5. Alavalapati, J.R.R. and D.R. Carter. 2005. Competitiveness of southern forest products markets in a global economy: Trends and predictions. Proceedings of the Southern Forest Economics Workshop, March 14-16, 2004, St. Augustine, Florida, pp 1-303.
6. Zarin, D., J.R.R. Alavalapati, F. Putz, and M. Schmink (eds.) 2005. Working forests in the American tropics: Conservation through sustainable management, Columbia University Press, New York, 1-437.
7. Alavalapati, J.R.R. and E. Mercer. 2004. Valuing agroforestry systems: Methods and applications, Kluwer Academic Press, Dordrecht, The Netherlands, pp 1-314.

**Book Chapters (Total = 24)**

1. Dwivedi\*, P., J.R.R. Alavalapati, D. Carter, and S. Larkin. 2011. Impact of emerging voluntary carbon and bioenergy markets on non-industrial private forest landowners' profitability. In *The Economics of Alternative Energy Sources and Globalization*, edited by A. Schmitz, N. Wilson, C. Moss, and D. Zilberman. UAE: Bentham Science Publishers (in press).

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<sup>1</sup>An asterisk (\*) denotes the author was a graduate student and a double asterisk (\*\*) denotes the author was a post doctoral fellow or research associate who worked under my direct supervision.

2. Lal\*, P., J. Alavalapati, and E. Mercer. 2011. Socio-Economic Impacts of Climate Change on Rural Communities in the United States. Pp 73-118. In: Alig, R.J. Technical Coordinator, *Economic modeling of effects of climate change on the forest sector and mitigation options: a compendium of briefing papers*. Gen. Tech. Rep. PNW-GTR-837. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.
3. Mercer, E., P. Lal, and J. Alavalapati. 2011. Competitiveness of Carbon Offset Projects on Nonindustrial Private Forest Lands in the United States. Pp 119-160. In: Alig, R.J. Technical Coordinator, *Economic modeling of effects of climate change on the forest sector and mitigation options: a compendium of briefing papers*. Gen. Tech. Rep. PNW-GTR-837. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station.
4. Godsey, L, D.E. Mercer, R.K. Grala, S.C. Grado, and J.R.R. Alavalapati 2009. Agroforestry economics and policy. Pp. 315-337. In G. Garret (ed), *North American Agroforestry: An Integrated Science and Practice*, 2<sup>nd</sup> edition, American Society of Agronomy, Madison, WI, USA.
5. Freeman, J.E., R. Albritton, S. Jose, and J.R.R. Alavalapati 2008. The economics, law, and policy of invasive species management in the United States: Responding to a growing crisis. Pp 409-426. In R.K. Kohli, S. Jose, H.P. Singh, and D.R. Batish (eds). *Invasive plants and forest ecosystems*, CRC Press, Boca Raton, USA.
6. Alavalapati, J.R.R., A. Stainback\*\*, and J.R. Matta\*\*. 2006. Longleaf pine restoration: Economics and policy. Pp 403-412. In: S. Jose, E.J. Jokela, and D. Miller (eds), *Longleaf pine ecosystems: Ecology, management and restoration*. Springer, New York.
7. Mohan, S., J.R.R. Alavalapati, P.K.R. Nair. 2006. Financial analysis of homegardens: A case study from Kerala, India. Pp283-296. In: B.M. Kumar and P.K.R. Nair (eds), *Tropical homegardens: A time tested example of sustainable agroforestry*. Springer, Dordrecht, The Netherlands.
8. Nair, P. K. R., M. E. Bannister, V. D. Nair, J. R.R. Alavalapati, E. A. Ellis, S. Jose, and A. J. Long. 2005. Silvopasture in southeastern United States: More than just a new name for an old practice. Pp72-82. In: Mosquera-Losada, M.R., J. McAdam, and A. Rigueiro-Rodríguez (eds), *Silvopastoralism and sustainable land management*. CAB International, Wallingford, U. K.
9. Alavalapati, J.R.R., and J.R. Montambault\*. 2005. Multi-Use management. In: Carl Mitcham (ed), *Encyclopedia of science, technology, and ethics*. Macmillan Reference Detroit, USA, Vol. 3, 1245-1246.

10. Alavalapati, J.R.R. and S. Mehrotra\*. 2005. Political economy of the Canada-U.S. softwood lumber trade dispute. Pp, 139-148. In: Schmitz, A., C.B. Moss, T.G. Schmitz, and W. Koo (eds.), *International agricultural trade disputes: Case studies in North America*. University of Calgary Press, Calgary, Canada.
11. Alavalapati, J.R.R. 2005. Overview of policies influencing the wildland-urban interface. Pp 63-76. In: M. Duryea and S. Vince (eds.), *Forest at the wildland-urban interface: Conservation and management*. CRC Press LLC, Boca Raton, FL.
12. Alavalapati, J.R.R., R.K. Shrestha\*\*, A. Stainback\*\*, J.R. Matta\*\*. 2004. Agroforestry development: An environmental economic perspective. Pp 299-310. In: Nair, P.K.R., M.R. Rao, and L.E. Buck (eds.), *New vistas in agroforestry: A compendium for the 1<sup>st</sup> World Congress of Agroforestry*. Kluwer Academic Publishers, Dordrecht, The Netherlands (Also published as a refereed journal article).
13. Alavalapati, J.R.R., E. Mercer, and J. Montambault\*\*. 2004. Agroforestry systems and valuation methodologies: An overview. Pp. 31-8. In: Alavalapati, J.R.R. and E. Mercer (eds.), *Valuing agroforestry systems: Methods and applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
14. Drew\*, W. M., J. R.R. Alavalapati, and P. K. R. Nair. 2004. Determining agroforestry profitability using the policy analysis matrix: A case study from Pohnpei, Federated States of Micronesia. Pp. 303-310. 59-78. In: Alavalapati, J.R.R. and E. Mercer (eds.), *Valuing agroforestry systems: Methods and applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
15. Shrestha\*\*, R.K. and J.R.R. Alavalapati. 2004. Estimating ranchers' cost of agroforestry adoption: A contingent valuation approach. Pp. 303-310. 183-199. In: Alavalapati, J.R.R. and E. Mercer (eds.), *Valuing agroforestry systems: Methods and applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
16. Thangata\*, P. H., J.R.R. Alavalapati, and P. E. Hildebrand. 2004. Metamodeling of agroforestry adoption: Assessing factors influencing adoption of improved fallows in southern Africa using an integrated linear programming and econometric model. Pp. 219-236. In: Alavalapati, J.R.R. and E. Mercer (eds.), *Valuing agroforestry systems: Methods and applications*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
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#### **Refereed Journal Articles (Total = 80)**

1. Susaeta\*, A, J. R.R. Alavalapati, P. Lal, and E. Mercer. Random preferences towards bioenergy environmental externalities: a case study of woody biomass based electricity in the Southern United States. *Energy Economics* (in press).
2. Banerjee\*, O. and J. R. R. Alavalapati. Modeling Forest Sector Illegality: The Case of Forest Concessions in Brazil. *Journal Policy Modeling* (in press).

3. Collomb\*, J.G., J.R.R. Alavalapati and T. Fik (in review). Building a Multidimensional Wellbeing Index for rural populations in Northeastern Namibia. *Journal of Human Development and Capability* (in press).
4. Susaeta\*\*, A., J. R.R. Alavalapati, E. Mercer, and P. Lal. Economics of Intercropping Loblolly Pine and Switchgrass for Bioenergy Markets in the Southeastern United States. *Agroforestry Systems* (in press).
5. Dwivedi\*, P., R. Baily, J.R.R. Alavalapati, and T. Nesbit. Global warming impact of E85 fuel derived from forest biomass: A case study from southern United States. *BioEnergy Research* (in press).
6. Rossi, F., D.R. Carter, J.R.R. Alavalapati, and J.T. Nowak. Assessing landowner preferences for forest management practices to prevent the southern pine beetle: An attribute-based choice experiment approach. *Forest Policy and Economics* (in press).
7. Rossi, F., D.R. Carter, J.R.R. Alavalapati, and J.T. Nowak. Forest landowner participation in state-administered southern pine beetle prevention cost-share programs. *Southern Journal of Applied Forestry* (in press).
8. Adams, D.C., A. N. Bwenge, D. J. Lee, S. L. Larkin, and J.R.R. Alavalapati 2011. Public preferences for controlling upland invasive plants in state parks: Application of a choice model. *Forest Policy and Economics* 13: 465-472.
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22. Banerjee\*, O, A. Macpherson, and J.R.R. Alavalapati 2009. Towards a policy of sustainable forest management in Brazil: An historical analysis. *Journal of Environment and Development* 18: 130-153.
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**Book Reviews (Total = 4)**

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**Non-refereed Conference Proceedings (Total = 20)**

1. Adams, D.C., A.N. Bwenge, D.J. Lee, S.L. Larkin, and J.R.R. Alavalapati, "Economic Value of Upland Invasive Plant Management in Florida State Parks." FR352/FOR290 EDIS/University of Florida (Oct. 2011). <http://edis.ifas.ufl.edu/fr352>
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17. Stainback, G.A.\* and J.R.R. Alavalapati. 1999. The economics of Florida slash pine and carbon sequestration. Proceedings of the Southern Forest Economics Workers Annual Conference. April 19-20, 1999. I. Munn and S. Bullard (eds). Biloxi, MS, pp: 51-56.
18. Alavalapati, J.R.R., W. L. Adamowicz, and W. White. 1999. Regional economic impact analysis: Flight from Jurassic Park. Proceedings of the 1999 Sustainable Forest Management Network Conference on Science and Practice: Sustaining the Boreal Forest, February 14-17, 1999, at Edmonton, Canada, pp: 363-368.
19. Alavalapati, J.R.R., W. L. Adamowicz, and W. White. 1998. Welfare analysis of forest management policies in Alberta. Conference Proceedings for the Southern Forest Economics Workshop, March 25-27, 1998, at Williamsburg, Virginia, USA, pp: 165-171.
20. Alavalapati, J.R.R., M.B. Percy, and M.K. Luckert. 1994. Effect of timber harvest regulations on the economy of British Columbia: A CGE analysis. Conference Proceedings for the Southern Forest Economics Workshop, March 27-29, 1994, at Savannah, Georgia, USA.

**Non-refereed Research Reports (Total = 29)**

1. Alavalapati, J.R.R., G. Amacher, S. Mehmood, and W. Smith 2010. Biomass incentives and forest sustainability. Final report sponsored by the Biomass Research and Development Initiative, U.S. Department of Agriculture, Washington, DC, pp1-113.
2. Alavalapati, J.R.R., J. Munsell, and M. Mortimer 2010. Bioenergy and family forest sustainability seminar. Final report sponsored by the American Forest Foundation, Washington, DC., pp1-52.
3. Fletcher, R., J.R.R. Alavalapati, J. Evans, and J.R. Matta 2009. Impacts of bioenergy production on the conservation of wildlife habitat. Final report sponsored by the Wildlife Habitat Policy Research Program, National Council for Science and the Environment, Washington, DC., pp1-38.
4. Alavalapati, J.R.R. and P. Lal 2009. Woody biomass for energy: An overview of key emerging issues. Virginia Forests (Fall), pp4-8.
5. Parent\*, G, J. R.R. Alavalapati, T. Stein, and A. Hodges. 2007. Croom motorcycle area economic impact and visitor assessment survey report. Final report to the Florida Division of Forestry, Tallahassee, pp1-38.

6. Alavalapati, J.R.R. 2006. Bioenergy. Pp.19-22. In: Mulkey, S (eds.). Towards a sustainable Florida: A review of environmental, social, and economic concepts for sustainable development in Florida. The Century Commission for a Sustainable Florida, Tallahassee.
7. Alavalapati, J.R.R., S. Jose, T. Stein, G. Tanner. 2006. Creating a cooperative of Conserved Forest Ecosystems: Research and Outreach (CEFOR). Final Report to the School of Natural Resources and Environment, University of Florida, Gainesville, pp1-19.
8. Alavalapati, J.R.R., J.R. Matta\*\*, and G. Tanner. 2005. Identifying and assessing conservation compatible forest practices on NIPFs. Final Project Report to the National Commission on Science for Sustainable Forestry (NCSSF), Washington, DC, pp1-22.
9. Hodges, A., D. Mulkey, J.R.R. Alavalapati, D.R. Carter, and C. Kiker. 2004. Economic Impacts of the Forest Industry in Florida, A Final Report to the Florida Forestry Association, pp1-47.
10. Hodges, A., D. Mulkey, J.R.R. Alavalapati, D.R. Carter, and C. Kiker. 2004. Executive summary: Economic impacts of the forest products industry in Florida. Florida Forests (Fall) Vol. 8 (3): 12-15.
11. Alavalapati, J.R.R. 2002. Can the Chinese market provide new opportunities for Florida pine forest products? Florida Forests (Fall) Vol.6 (4): 8-13.
12. Alavalapati, J.R.R., J. Andino, G. Baker, M. Brown, F. Cantrell, B. Dassler, A. Flournoy, J. Glover, C. Kibert, N. Kibert, L. Thiele, E. Warren and D. Newport. 2002. Sustainability Task Force Report, University of Florida, Gainesville, pp67 (authors are just listed alphabetically).
13. Alavalapati, J.R.R. and R. K. Shrestha\*. 2002. Economic impacts of closing national forests for commercial timber production in Florida and Liberty County. Project report. USDA Forest Service, pp22.
14. Alavalapati, J.R.R., G. Wong\*, W. White, and B. Moulton. 2002. Forest carbon sequestration policies: Implications for forest management in Canada and the US. Project report. Foreign Agriculture Service, USDA, pp71.
15. Alavalapati, J.R.R., D.R. Carter, G. Das\*, and D. Wear. 2002. Changes in environmental regulations, investments and international trade in U.S. forestry: implications for the U.S. South. Project report, Southern Forest Research Station, USDA Forest Service, pp43.
16. Alavalapati, J.R.R., G. Wong\*, and B. Moulton 2001. Effect of forest carbon sequestration policies on the forestry and other sectors of the U.S. economy. Project report, Southern Forest Research Station, USDA Forest Service, pp39.

17. Patriquin, M., J.R.R. Alavalapati, W. Adamowicz, and W. White. 2001. Environmentally extended regional economic impact modeling. A joint Sustainable Forest Management Network and Foothills Model Forest Project Report, University of Alberta, pp 54.
18. Hodges, A., D. Mulkey, E. Philippakos, and J.R.R. Alavalapati. 2001. Economic impact of Florida forest industries. EDIS document FE 282, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida, pp6.
19. Alavalapati J.R.R., A. Albertin\*, J. Bellow\*, M. Drew\*, J. Easton\*, B. James\*, L. Morris\*, J. Rickards\*, D. Schultz\*, and G. Wong\*. 2000. Presenting an effective seminar: Reflections from the SFRC Seminar Class (Fall 1999), pp4.
20. Patriquin, M., J.R.R. Alavalapati, A. Wellstead, W. Adamowicz, and W. White. 2000. A computable general equilibrium model of the Foothills Model Forest economy. Foothills Model Forest Information Report, pp47.
21. Adamowicz, W., J.R.R. Alavalapati, G. Armstrong, M. Haener, J. Jobs, and M. Patriquin. 2000. Assessing the economic impacts of natural disturbance forest management. Sustainable Forest Management Network Project Report, University of Alberta, Canada, pp 25.
22. Johnston, N. and J.R.R. Alavalapati. 1998. The distributional effects of environmental tax reform. International Institute for Environment and Development Discussion Paper 98-01, London, UK, pp:1-42.
23. Alavalapati, J.R.R. 1998. Why not incentives for forests carbon sequestration? Florida Forests (Fall) pp:27-29.
24. Alavalapati, J.R.R. and W.L. Adamowicz. 1997. Economic importance of the forestry related sectors in the provincial and North Western regional economy of Alberta. Working Paper SES-1. Sustainable Forest Management Network of Centers of Excellence, University of Alberta, Canada, pp 21.
25. Luckert, M.K. and J.R.R. Alavalapati. 1995. Short-run supply behavior of timber quota holders in Alberta. Project Report #5005, Canadian Forest Service, Northern Forestry Center, Edmonton, pp33.
26. Alavalapati, J.R.R. and M. Percy. 1995. The 1994 stumpage price increases in British Columbia forests: Impacts on the coastal and interior regions of the province. Information Bulletin, Number 27, Western Centre for Economic Research, University of Alberta, Edmonton, pp 9.

27. Alavalapati, J.R.R., M.K. Luckert, and W.L. Adamowicz. 1994. Short-run dynamics of the Canadian wood pulp industry: A vector autoregression analysis. Staff Paper 94-09, Department of Rural Economy, University of Alberta, pp35.
28. Alavalapati, J.R.R., and D.S. Gill. 1991. Adoption of social forestry Practices in West Godavari District, India: An empirical analysis. Project Report #91-07, Department of Rural Economy University of Alberta, Edmonton, pp. 41.
29. Alavalapati, J.R.R., and D.S. Gill. 1991. Social forestry: A conceptual and theoretical analysis. Department of Rural Economy Staff Paper #91-07, University of Alberta, Edmonton, pp18.

### **Bibliographies / Catalogs (Total = 3)**

1. Montambault\*, J., J.R.R. Alavalapati, and S. Franzel. 2005. Economic and policy analysis in agroforestry literature (1992-2002): An annotated bibliography, pp146.
2. Gill, D.S., and J.R.R. Alavalapati. 1991. An international bibliography on social forestry with emphasis on forestry extension. Monticello: Vance Bibliographies, Public Administration Series, Bibliography #P3079, pp 74.
3. Gill, D.S., and J.R.R. Alavalapati. 1990. A select bibliography on social forestry with emphasis on forestry extension education. Department of Rural Economy Staff Paper # 90-06, University of Alberta, Edmonton.

### **Abstracts (Total = 24)**

1. Alavalapati, J.R.R., P. Dwivedi, M. Huang, S. Kukrety, P. Lal, and A. Susaeta 2010. Lessons learned from quantitative analyses of forest bioenergy markets. A presentation made to the IUFRO 2010 Congress, August, 23-28, COEX Center, Seoul, South Korea, pp168.
2. Lepetu\*, J., J.R.R. Alavalapati, and P.K.R. Nair 2006. Forest dependency and its implications for protected area management: A case study from Kasane Forest Reserve, Botswana. 12<sup>th</sup> International Symposium on Society and Resource Management, 3-8 June 2006, University of British Columbia, Vancouver, Canada, pp182.
3. Thuy\*, N. and J.R.R. Alavalapati. 2006. Household's social capital and attitude toward conservation: A case study of Cat Tien National Park, Vietnam. 12<sup>th</sup> International Symposium on Society and Resource Management, 3-8 June 2006, University of British Columbia, Vancouver, Canada, pp226.
4. Matta\*\*, J.R., A. Hodges, and J.R.R. Alavalapati. 2006. Public preferences for open space: A contingent choice application to conserving natural areas in Florida. 12<sup>th</sup>

International Symposium on Society and Resource Management, 3-8 June 2006, University of British Columbia, Vancouver, Canada, pp205.

5. Parent\*, G., J.R.R. Alavalapati, T. Stein, and C. Reed. 2006. Economic impact and visitor preference of off-highway vehicle recreation: A case study from Florida. 12<sup>th</sup> International Symposium on Society and Resource Management, 3-8 June 2006, University of British Columbia, Vancouver, Canada, pp241.
6. Alavalapati, J.R.R., J.R. Matta\*\*, and G. Tanner. 2005. Economic analysis of biodiversity conservation compatible forest practices on non-industrial private forestlands. XXII IUFRO World Congress, Brisbane Convention & Exhibition Centre, 8-13 August 2005 (abstract was not printed in the book).
7. Matta\*\*, J.R., J.R.R. Alavalapati, R. Gruby. 2005. Incentives for habitat conservation on non-industrial private forests (NIPF) of Florida – An ecological economic analysis. XIX Annual Meeting of the Society for Conservation Biology, University of Brasilia, July 15-19, Brazil, pp130.
8. Mohan, S., P.K.R. Nair, and J.R.R. Alavalapati. 2004. Economic value of tropical homegardens: A case study in Kerala, India. 1<sup>st</sup> World Congress of Agroforestry, June 27-July 2, 2004, Orlando, Florida, pp135.
9. Shrestha\*\*, R. and J.R.R. Alavalapati. 2004. Estimating recreational hunting benefits of silvopasture practices: A case study from Florida. 1<sup>st</sup> World Congress of Agroforestry, June 27-July 2, 2004, Orlando, Florida, pp280.
10. Zhang\*\*, J., J.R.R. Alavalapati, and T. Timko. 2004. Macroeconomic impacts of policies influencing silvopasture practices: A case study from Florida. 1<sup>st</sup> World Congress of Agroforestry, June 27-July 2, 2004, Orlando, Florida, pp289.
11. Stainback\*\*, G.A. and J.R.R. Alavalapati. 2004. Restoring longleaf pine through silvopasture practices: An economic analysis. Book of Abstracts of International Conference on Economics of Sustainable Forest Management, May 20-22, 2004, Toronto, Canada, pp49-50.
12. Wong\*, G. and J.R.R. Alavalapati. 2002. The cost of sequestering carbon in forests: A computable general equilibrium analysis. Book of Abstracts of Second World Congress of Environmental and Resource Economists, June 24 - 27, Monterey, California, p 240.
13. Shrestha\*\*, R. and J.R.R. Alavalapati. 2002. Valuing environmental benefits of silvopasture using attribute-based stated preference method. Book of Abstracts of Second World Congress of Environmental and Resource Economists, June 24 - 27, Monterey, California, p 211.

14. Alavalapati, J.R.R. and G.A. Stainback\*\*. 2002. Incorporating environmental benefits into the economic analysis of longleaf pine. Book of abstract of the Forestry and Natural Resources Field Day, June 11, Milton, Florida, p 29.
15. Alavalapati, J.R.R. and E. Anderson\* 2002. Market based approaches to conserve rural ecosystems and limit urban sprawl. Book of abstracts of the Ninth International Symposium on Society and Resource Management, June 2-5, Indiana University, Bloomington, Indiana, pp 273-274 (on CD-ROM).
16. Alavalapati, J.R.R. and R. Shrestha\*\*. 2002. Economics and social acceptance of PPV approach to manage recreation on U.S. national forestlands. Abstracts of Southern Forest Economics Workers Annual Conference, March 17-19, Virginia Beach, Virginia, p1.
17. Alavalapati, J.R.R. 2001. Overview of policies influencing the wildland-urban interface. Book of Abstract of the Wildland-Urban Interface: Sustaining Forests in a Changing Landscape, November 5-8, Gainesville, Florida, p 21.
18. Alavalapati, J.R.R and G. A. Stainback.\* 2001. Ecological economic analysis of restoring longleaf pine on private lands in the US South: Implications for public policy. Book of Abstracts of Global Initiatives and Public Policies: First International Conference on Private Forestry in the 21st Century, March 25-27, Atlanta, Georgia, pp II-D3.
19. Wong, G.\* and J.R.R. Alavalapati. 2001. An Economy-wide assessment of a forest carbon policy in the U.S. Book of Abstracts of Global Initiatives and Public Policies: First International Conference on Private Forestry in the 21st Century, March 25-27, Atlanta, Georgia, pp I-E2.
20. Alavalapati, J.R.R 2000. Ecological economic analysis of forest biomass and bioenergy: Policy implications. Book of Abstracts of International Biotechnology for Energy and Clean Environment Workshop, May 1-2, Gainesville, Florida, p 32.
21. Alavalapati, J.R.R. 1999. Economic analysis of pine timber and carbon sequestration in the U.S. South: Implications for timber supply and land values. Book of abstracts and proceedings of the International Symposium on 150 years of the Faustmann Formula: Its consequences for forestry and economics in the past, present, and future, October 3-6, 1999, Darmstadt, Germany, p 274.
22. Alavalapati, J.R.R., and W. White. 1998. Economic impacts of changes in the forestry sector: A case study of the Foothills Region in Alberta. Book of abstracts for the Seventh International Symposium on Society and Resource Management, May 27-31, 1998, University of Missouri-Columbia, p107.
23. Alavalapati, J.R.R. W.L. Adamowicz and W.A. White. 1998. Distributive impacts of forest policies in Alberta: A SAM analysis. Abstracts of Southern Forest Economics Workshop, March 25-27, Williamsburg, Virginia, pp 11.

24. Alavalapati, J.R.R., D.S. Gill, and M.K. Luckert. 1994. Adoption of agroforestry practices in India: A logit analysis. Book of abstracts for the Fifth International Symposium on Society and Resource Management, June 7-10, 1994, at Fort Collins, Colorado, p 46.

**LECTURES, SPEECHES OR POSTERS PRESENTED AT PROFESSIONAL CONFERENCES/MEETINGS (Total = 133 and 39 invited)**

**International: Total = 54 (invited = 15)**

1. Alavalapati, J.R.R. 2011. Forests, markets and policy in mitigating GHGs in the U.S. A presentation made to the National Chaiyi University, Taiwan, December 16, 2011 **(Invited)**.
2. Alavalapati, J.R.R. 2011. Forests and bioenergy markets & policy for mitigating climate change in the U.S. Workshop on Management of Green House Gases of Agriculture Sectors in Taiwan, National University of Taiwan, Taipei, December 19, 2011 **(Invited)**.
3. Alavalapati, J.R.R. 2011. Forests and bioenergy markets & policy for mitigating climate change in the U.S. Workshop on Management of Green House Gases of Agriculture Sectors in Taiwan, Chinese Culture Univeristy, Taipei, December 20, 2011 **(Invited)**.
4. Alavalapati, J.R.R. 2011. Role of forests and bioenergy in the reduction of atmospheric GHGs. A presentation made at the University of Agriculture and Forestry, Ho Chi Minh City, Vietnam, December 26, 2011 **(Invited)**.
5. Alavalapati, J.R.R. and S. Kukrety 2011. Restoration of red sanders forests for ecological and environmental benefits. A presentation made at the Forest Department, Hyderabad, Andhra Pradesh, India, July 5, 2011 **(Invited)**.
6. Alavalapati, J.R.R. Emerging issues and trends: Implications for future forestry. A presentation made at the Andhra Pradesh Forest Academy, Dhulapally, India, July 6, 2011 **(Invited)**.
7. Kukrety, S., J.R.R. Alavalapati, and S. Jose 2011. Environmental and economic evaluation of ethanol production from forest grass biomass as poverty reduction and sustainable energy initiative in India. International Symposium on Society and Resource Management 2011, 6-9 June, Madison, WI.
8. Collomb, J.G. & J.R.R. Alavalapati 2011. Tourism and Host Residents' Wellbeing in Northeastern Namibia. , International Symposium on Society and Resources Management, June 6-9, 2011, Madison, WI.
9. Alavalapati, J.R.R., O. Banerjee, P. Dwivedi, M. Huang, S. Kukrety, P. Lal, and A. Susaeta 2010. Lessons learned from quantitative analyses of forest bioenergy markets. A presentation made to the Department of Bioenergy, Tamil Nadu Agricultural University, Coimbatore, India, January 6, 2011.
10. Alavalapati, J.R.R. 2010. Economics of medicinal plants and herbal products. A presentation made at the 2<sup>nd</sup> International Seminar on Medicinal Plants and Herbal Products at Sri Venkateswara University, Tirupati, India, December 27-29 **(Invited)**.

11. Alavalapati, J.R.R., O. Banerjee, P. Dwivedi, M. Huang, S. Kukrety, P. Lal, and A. Susaeta 2010. Lessons learned from quantitative analyses of forest bioenergy markets. A presentation made to the Center for Economic and Social Studies, Hyderabad, India, India, November 22, 2010.
12. Alavalapati, J.R.R., O. Banerjee, P. Dwivedi, M. Huang, S. Kukrety, P. Lal, and A. Susaeta 2010. Lessons learned from quantitative analyses of forest bioenergy markets. A presentation made to the IUFRO 2010 Congress, COEX Center, Seoul, South Korea, August, 23-28.
13. Alavalapati, J.R.R. 2009. Forestry in the 21<sup>st</sup> Century. A presentation made to the Andhra Pradesh Forest Department, August 5, Hyderabad, India.
14. Banerjee, O. and J.R.R. Alavalapati 2010. Modelling Forest Sector Illegality in a Dynamic Computable General Equilibrium Framework. Presented at CSIRO @ Waite Seminar Series, August 19th, 2010, Adelaide, Australia
15. Banerjee\*, O. and J.R. Alavalapati. 2009. Modeling Forest Sector Illegality in a Dynamic Computable General Equilibrium Framework: The Case of Forest Concessions in Brazil. A presentation made at the Twelfth Annual GTAP Conference: Trade Integration and Sustainable Development: Looking for an Inclusive World, June 10-12, 2009, Santiago, Chile.
16. Huang\*, M. and J.R.R. Alavalapati. 2008. Economy-wide impact analysis of policies to promote bioenergy in Florida. A presentation made at the IUFRO Forest Sector Modeling Conference at the University of Washington, November 17-20, 2008, Seattle, Washington.
17. Banerjee\*, O. and J.R.R. Alavalapati. 2008. Socioeconomic and Environmental Trade-offs of Ethanol Expansion in Brazil. A presentation made at the Second Regional Meeting on General Equilibrium Models: Contributions to Economic Policy Development in Latin America and the Caribbean, November 24-25, 2008, Alajuela, Costa Rica.
18. Banerjee\*, O., A.J. Macpherson and J.R.R. Alavalapati. 2008. Socioeconomic and Environmental Trade-offs of Ethanol Expansion in Brazil. A presentation made at the International Society of Tropical Foresters Conference, Drivers of Land Use Change in the Tropics, Bioenergy and Avoided Deforestation, March 28-29, 2008, New Haven, Connecticut.
19. Rossi\*, F., S.L. Larkin, J.R. Alavalapati, and R.D. Emerson. 2007. Socio-economic impacts of community forest management in rural India. A poster presentation at the International Conference on Poverty Reduction and Forests, September 3-4, 2007, Bangkok, Thailand.

20. Alavalapati, J.R.R. 2007. Distance education and electronic learning (DEEL): A socioeconomic development perspective. A presentation made at the Indo-US Workshop on Innovative E-technologies for Distance Education and Extension/Outreach for Efficient Water Management, March 5-9, 2007, ICRISAT, Hyderabad, India.
21. Lepetu\*, J., J.R.R. Alavalapati, P.K. Nair. 2006. Forest dependency and its implications for protected area management: A case study from Kasane Forest Reserve, Botswana. A presentation made at the 12th International Symposium on Society and Resource Management (ISSRM), June 3-8, University of British Columbia campus, Vancouver, Canada.
22. Parent\*, G., J.R.R. Alavalapati, T. Stein, and C. Reed. 2006. Economic impact analysis of OHV recreation: A case study from Florida. A presentation made at the 12th International Symposium on Society and Resource Management (ISSRM), June 3-8, University of British Columbia campus, Vancouver, Canada.
23. Nguyen\*, T. and J.R.R. Alavalapati. 2006. Household's social capital and attitude toward conservation: A case study of Cat Tien National Park, Vietnam. A poster presentation made at the 12th International Symposium on Society and Resource Management (ISSRM), June 3-8, University of British Columbia campus, Vancouver, Canada.
24. Matta\*\*, J.R., A. Hodges, and J.R.R. Alavalapati. 2006. Public preferences for open space: A contingent choice application to conserving natural areas in Florida. A presentation made at the 12th International Symposium on Society and Resource Management (ISSRM), June 3-8, University of British Columbia campus, Vancouver, Canada.
25. Alavalapati, J.R.R., G. Amacher, S. Mehmood, W. H. Smith. 2006. A framework to determine optimum policies to promote bioenergy and sustainability of forests. 3<sup>rd</sup> International Biofuels Conference, January 18-19, Hotel Le Meridian, New Delhi, India.
26. Alavalapati, J.R.R., J.R. Matta, and G. Tanner. 2005. Economic analysis of biodiversity conservation compatible forest practices on non-industrial private forestlands. A presentation made at the XXII IUFRO World Congress, Brisbane Convention & Exhibition Centre, 8-13 August 2005.
27. Alavalapati, J.R.R., J.R. Matta, and G. Tanner. 2005. Economics of enhancing biodiversity on private forests. A seminar presentation made at the University of New England, Armidale, August 9, 2005 (**Invited**).
28. Alavalapati, J.R.R. 2005. Forest biomass and bioenergy: Economic and policy issues. A presentation made at the Bioenergy Mini-symposium, ASAE International Conference July 17-20 in Tampa, Florida (**Invited**).

29. Matta\*\*, J.R., J.R.R. Alavalapati, R. Gruby. 2005. Incentives for habitat conservation on non-industrial private forests (NIPF) of Florida – An ecological economic analysis. XIX Annual Meeting of the Society for Conservation Biology, University of Brasilia, July 15-19, Brazil.
30. Matta\*\*, J.R. and J.R.R. Alavalapati. 2005. Effect of habitat conservation on optimal management of non-industrial private forests. Second International Faustmann Symposium, April 21-22, Baton Rouge, Louisiana.
31. Alavalapati, J.R.R. and T. Timko. 2004. Economics of silvopasture. Pre-Congress Workshop on Silvopasture, 1<sup>st</sup> World Congress of Agroforestry, June 27-July 2, 2004, Orlando, Florida (**Invited**).
32. Mohan, S., P.K.R. Nair, and J.R.R. Alavalapati. 2004. Economic value of tropical homegardens: A case study in Kerala, India. 1<sup>st</sup> World Congress of Agroforestry, June 27-July 2, 2004, Orlando, Florida.
33. Stainback, G.A. and J.R.R. Alavalapati. 2004. Restoring longleaf pine through silvopasture practices: An economic analysis. International Conference on Economics of Sustainable Forest Management, May 20-22, 2004, Toronto, Canada.
34. Alavalapati, J.R.R. and M. Masozera. 2003. Forest dependency and its implications for protected areas management: A case study from the Nyungwe Forest Reserve, Rwanda. IDFRO Science-Policy Interface Workshop, June 23, 2003, Copenhagen, Denmark.
35. Alavalapati, J.R.R. and S. Mehrotra. 2003. Political economy of the Canada-U.S. softwood lumber trade dispute. International Conference on Trade Disputes: Case Studies in North America, March 19, 2003, Gainesville, Florida (**Invited**).
36. Alavalapati, J.R.R. 2002. Discussant to International Workshop on Forest Science and Forest Policy in the Asia-Pacific Region: Building Bridges to a Sustainable Future, July 16-19, Chennai, India. Organized by IUFRO Task Force on the Science/Policy Interface with assistance from M.S. Swaminathan Research Foundation and the USDA Forest Service – Research & Development (**Invited**).
37. Wong, G\* and J.R.R. Alavalapati. 2002. The cost of sequestering carbon in forests: A computable general equilibrium analysis. Second World Congress of Environmental and Resource Economists, June 24 - 27, Monterey, California.
38. Shrestha, R\*\* and J.R.R. Alavalapati. 2002. Valuing environmental benefits of silvopasture using attribute-based stated preference method. Second World Congress of Environmental and Resource Economists, June 24 - 27, Monterey, California.

39. Alavalapati, J.R.R. and E. Anderson.\* 2002. Market based approaches to conserve rural ecosystems and limit urban sprawl. Ninth International Symposium on Society and Resource Management, June 2-5, Indiana University, Bloomington, Indiana (**invited**).
40. Alavalapati, J.R.R. 2002. "Paying for forest carbon" session and Member of Panel Discussion on "Is Sustainable Forest Management an Effective Strategy for Conservation and Development in the Tropics?" Working Forests in the Tropics: Conservation through Sustainable Management, February 25-26, Gainesville, Florida (**invited**).
41. Das, G.G.\*\* and J.R.R. Alavalapati. 2001. Biotechnological innovations in the forestry sector and their economic impacts on other sectors via embodied technology transfer: An investigation within dynamic GTAP framework. Fourth Annual Conference on Global Economic Analysis, June 27-29, Purdue University, West Lafayette.
42. Alavalapati, J.R.R and G.G. Das\*\*. 2001. Economic impacts of biotechnological innovations in logging sectors: A dynamic applied general equilibrium analysis. Social and Economic Perspectives of Boreal Forest Ecosystem Management, June 5-8, Edinburgh, Scotland. Also served as a moderator at this conference.
43. Alavalapati, J.R.R, G. A. Stainback\*, and D. R. Carter. 2001. Ecological economic analysis of restoring longleaf pine on private lands in the US South: Implications for public policy. Global Initiatives and Public Policies: First International Conference on Private Forestry in the 21st Century, March 25-27, Atlanta, Georgia.
44. Wong, G.\*, Alavalapati, J.R.R. and R. Moulton. 2001. An Economy-wide assessment of a forest carbon policy in the U.S. Global Initiatives and Public Policies: First International Conference on Private Forestry in the 21st Century, March 25-27, Atlanta, Georgia.
45. Alavalapati, J.R.R. 2000. Ecological economic analysis of forest biomass and bioenergy: Policy implications, International Biotechnology for Energy and Clean Environment Workshop, May 1-2, Gainesville, Florida.
46. Alavalapati, J.R.R. 1999. Socioeconomic and environmental aspects of biotechnology in waste reuse. International symposium on Waste Management and role of biotechnology in waste reuse for 2000, July 1, Bangalore, India (**invited**).
47. Alavalapati, J.R.R and G.A. Stainback\*. 1999. Economic analysis of slash pine timber and carbon sequestration in the U.S. South: Implications for timber supply and land values. IUFRO International Symposium on 150 Years of the Faustmann Formula: The Consequences for Forestry and Economics in the Past, Present, and the Future. October 2-6, Dermstadt, Germany.
48. Alavalapati, J.R.R., W.L. Adamowicz, and W.A. White. 1999. Regional economic impact analysis: Flight from Jurassic Park. Sustainable Forest Management Conference on

Science and Practice: Sustaining the Boreal Forest. February 14-17, Edmonton, Canada (invited).

49. Alavalapati, J.R.R. and W.A. White. 1998. Economic impacts of changes in the forestry sector: A case study of the Foothills region in Alberta. Seventh International Symposium, Society and Resource Management, May 27-31, Columbia, Missouri, USA.
50. Alavalapati, J.R.R. 1997. Environmental and tourism issues in regional economic policy analysis. Invited presentation for the International Institute for Environment and Development, May 20, London, UK.
51. Salami, H. and J.R.R. Alavalapati. 1995. Effect of technical change and subsidies in the agricultural sector on the economy of Iran. Sixth International CGE Modeling Conference, October 26-28, University of Waterloo, Canada.
52. Alavalapati, J.R.R., D.S. Gill, and M.K. Luckert. 1994. Adoption of agroforestry practices in India: A logit analysis. Fifth International Symposium on Society and Resource Management, June 7-10, Fort Collins, Colorado, USA.
53. Alavalapati, J.R.R. and M.B. Percy. 1994. Welfare and distributive analysis of a stumpage price increase policy: Coast and Interior British Columbia. Forestry and the Environment: Economic Perspectives II, October 12-15, Banff, Alberta, Canada.
54. Alavalapati, J.R.R. and M.K. Luckert. 1994. Effect of institutional constraints on short-run timber supply of quota holders in Alberta. Forestry and the Environment: Economic Perspectives II, October 12-15, Banff, Alberta, Canada.

**National: Total = 27 (Invited =9)**

1. Alavalapati, J.R.R. 2011. Economics of forestry: Implications for decision-making. A presentation made to the Indian Forest Service Officers Training, September 30, Yale University, New Haven, USA (**Invited**).
2. Alavalapati, J.R.R. 2010. Economics of forestry: Implications for decision-making. A presentation made to the Indian Forest Service Officers Training, October 11, Yale University, New Haven, USA (**Invited**).
3. Alavalapati, J.R.R. 2010. Economic decision-making in forestry: Rationale and approaches. A presentation made to the Indian Forest Service Officers Training, June 23, Yale University, New Haven, USA (**Invited**).
4. Alavalapati, J.R.R. 2010. Emerging issues and trends: Implications for future forestry. A presentation made to the Indian Forest Service Officers Training, June 15, State University of New York, Syracuse, USA (**Invited**).

5. Alavalapati, J.R.R. and J.G. Collomb 2010. Congress in the classroom. A presentation made at the 8<sup>th</sup> Biennial Conference on University Education in Natural Resources, March 25-27, Virginia Tech, Blacksburg, USA.
6. Evans, J. R. Fletcher, and J.R.R. Alavalapati. 2008. Biofuels and wildlife: Habitat implications of alternative feedstock production scenarios. A poster presented at the 9<sup>th</sup> National Conference on “Society, Policy and the Environment: Biodiversity in a rapidly changing world”, December 8-10, Ronald Reagan Building and International Trade Center, Washington, DC, USA.
7. Alavalapati, J.R.R. 2008. Non-traditional markets: Challenges and opportunities for forestland owners. A presentation made at the American Forest Foundation Research Partners Group Meeting September 17-19, 2008, Breckenridge, Colorado.
8. Alavalapati, J.R.R. 2008. Socioeconomics of forested protected areas: Lessons learned from selected case studies. A presentation made at the USAID, July 24, 2008, Washington, DC (**Invited**).
9. Alavalapati, J.R.R. 2008. Biofuels: An environmental economic perspective. A presentation made at the US Department of State course PE 150: Biotechnology in Trade and Development, July 10, 2008, at the George P. Schultz National Foreign Affairs Training Center, Arlington, VA (**Invited**).
10. Alavalapati, J.R.R. 2008. Forest biomass for bioenergy: Implications for sustainable forestry in the U.S. South. A presentation hosted by the Washington Academy of Sciences & the National Capital Society of American Foresters at the American Association for the Advancement of Science (AAAS), June 12, 2008, Washington, DC (**Invited**).
11. Alavalapati, J.R.R. 2008. Forest bioenergy: Implications for sustainable forestry and conservation. A presentation made at the Conservation International, June 11, 2008, Washington, DC (**Invited**).
12. Susaeta, A, J. Alavalapati, D. Carter and S. Mehmood. 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, Oregon.
13. Rossi, F., D.R. Carter, J.R. Alavalapati, and J.T. Nowak. 2007. Assessment of the Southern Pine Beetle Program Effectiveness and Landowner Response in the Southern United States. A presentation made at the Society of American Foresters National Convention, October 23-27, 2007, Portland, Oregon.
14. Alavalapati, J.R.R., G. Amacher, S. Mehmood, W. H. Smith. 2006. A framework to determine optimum mix of policies to promote bioenergy and sustainability of forests. A

poster presented at the 6<sup>th</sup> National Conference on “Society, Policy and the Environment: Energy for a sustainable and secure future”, January 26-27, Ronald Reagan Building and International Trade Center, Washington, DC, USA.

15. Alavalapati, J.R.R., J.R. Matta\*\*, and G. Tanner. 2005. Identifying and assessing conservation compatible forest practices on NIPFs. Final Project Meeting National Commission on Science for Sustainable Forestry (NCSSF) June 15, Portland, ME.
16. Alavalapati, J.R.R., S. Jose, and J.R. Matta\*\*. 2005. Economic analysis of cogongrass (*Imperata Cylindrica*): A case study from Florida. Hawaii T-STAR Research Workshop on Modeling Biological Invasions for Management Decision-Making, University of Hawaii-Manoa, Campus Center-Room 309, April 5.
17. Alavalapati, J.R.R., J.R. Matta\*\*, and G. Tanner. 2005. Identification and assessment of biodiversity conservation compatible practices on private forests. A seminar presentation made at the Department of Natural Resources & Environmental Management, University of Hawaii-Manoa, April 6 (**Invited**).
18. Alavalapati, J.R.R., S. Jose, and J.R. Matta\*\*. 2005. Economic analysis of controlling cogon grass in Florida’s forests. Second Annual TSTAR Meeting Ashford Salon, Wyndham Condado Plaza Hotel, June 21-23, San Juan, Puerto Rico.
19. Alavalapati, J.R.R., B. Sohngen, R. Sedjo, and G. Wong\* 2002. Integrating Forest Sector Models that Investigate GHGs with Computable General Equilibrium Models. Greenhouse Gas Modeling Forum, October 8 -11, 2002 Shepherdstown, West Virginia (**Invited**).
20. Stainback, G. A\* and J.R.R. Alavalapati. 2002. Fire risk in economic analysis of forest carbon sequestration. Annual meeting of the American Agricultural Economics Association, July 28-31, Long Beach, California.
21. Alavalapati, J.R.R. 2001. Overview of policies influencing the wildland-urban interface. The Wildland-Urban Interface: Sustaining Forests in a Changing Landscape, November 5-8, Gainesville, Florida. Also served as a moderator at this conference.
22. Alavalapati, J.R.R. and G. Wong G.\* 2001. Global timber model with links to other sectors. Forestry and Agriculture Greenhouse Gas Modeling Forum, September 30 - Oct. 3, Shepherdstown, West Virginia (**Invited**).
23. Denny, C.\*, T. Stein, and J.R.R. Alavalapati. 1999. Nature based recreation options in Ocala National Forest, Florida. Society of American Foresters annual convention, September 11-16, Portland, Oregon.

24. Alavalapati, J.R.R. 1999. Economics of forest carbon sequestration in Florida. Climate Change, Agriculture, and Carbon Sequestration Conference, September 9, Gainesville, Florida.
25. Alavalapati, J.R.R. 1998. Changes in Canadian resource policies and implications for the US. SAF/SFRC Spring Symposium on Changing Societal Demands for Forest Products, April 14-15, Gainesville, Florida, USA (**invited**).
26. Alavalapati, J.R.R. W.L. Adamowicz and W.A. White. 1998. Random variables in forest policy: A systematic sensitivity analysis. Forestry Decision-Making in an Uncertain World Workshop, March 23-24, Athens, Georgia, USA.
27. Alavalapati, J.R.R. and W.L. Adamowicz. 1997. Modeling the economy of a tourism-oriented forest dependent region. Seventh Symposium on Systems Analysis in Forest Resources May 28-31, Shanty Creek Resort, Traverse City, Michigan USA.

**Regional: Total = 52 (invited =15)**

1. Alavalapati, J.R.R. 2011. A Vision of Forestry for the Future. One of the 6 panel members at 2011 Virginia Forestry Summit April 8-10, Williamsburg, VA (**Invited**).
2. Alavalapati, J.R.R. 2010. Wood-based bioenergy: Status of science and policy. A presentation made to the Virginia Forestry Association Annual Convention April 16-18, Wintergreen, VA (**Invited**).
3. Mercer, E., P. Lal, and J.R.R. Alavalapati 2010. Competitiveness of carbon offset projects on NIPF lands. A presentation made at the Southern Forest Economics Workers (SOFEW) 2008 Annual Meeting, March 15-17, 2010, Pinehurst, North Carolina.
4. Alavalapati, J.R.R. 2009. Wood-based bioenergy in the US South: Challenges and opportunities. A presentation made to the Commonwealth of Virginia Energy Symposium preconference meeting on Virginia Biomass Energy Group Meeting, October 6, Virginia Military Institute, Lexington, VA (**Invited**).
5. Alavalapati, J.R.R. 2009. Wood-based bioenergy: Opportunities and Challenges for Sustainable Forests. A presentation made to the Virginia Division of the Society of American Foresters Summer Meeting, June 3-5, 2009, Blacksburg, Virginia (**Invited**).
6. Huang, M., Alavalapati, J., Banerjee, O. 2009. Economy wide impacts of bioenergy in Florida: a computable general equilibrium (CGE) analysis. A presentation made to the Southern Forest Economic Workers (SOFEW) Meeting, March 2009, Chapel Hill, NC.
7. Alavalapati, J.R.R. 2009. Working Together to Meet the Challenge of Change: Competitiveness, Profitability, Sustainability, Globalization and the Future of Virginia's

Forests and Forest Industries. A Panel Discussion. Virginia Forestry Association Annual Meeting, March 24, 2009, Norfolk, Virginia (**Invited**).

8. Alavalapati, J.R.R. 2009. Perspectives on forest biomass availability for bioenergy. A forum on Ensuring Forest Sustainability in the Development of Wood Biofuels and Bioenergy: Implications for Federal and State Policies, February 9-10, Resources and Conservation Center, 1616 P street NW, Washington, DC (**Invited**).
9. Alavalapati, J.R.R. 2008. Effects of bioenergy market on southern forests, forest owners, and forest products markets. Southern Forests Future Project meeting, December 15-17, 2008, Atlanta, Georgia (**Invited**).
10. Rossi, F., D.R. Carter, J.R. Alavalapati, and J.T. Nowak. 2008. Investigating landowner response to the southern pine beetle prevention program. A presentation made at the 51<sup>st</sup> Southern Forest Insect Work Conference, August 4-7, 2008, Chattanooga, TN.
11. Alavalapati, J.R.R. 2008. Carbon markets and biofuels: Implications for sustainable forestry. A presentation made at the Graduate Seminar in the Department of Wood Science and Forest Products, Virginia Tech, October 8, 2008, Blacksburg, VA.
12. Alavalapati, J.R.R. and A. Hodges 2008. Southern Bioenergy Roadmap Interim Report. A presentation made at the Biomass South 2008 conference, September 21-23, Raleigh, NC (**Invited**).
13. Alavalapati, J.R.R. and A. Hodges 2008. Southern Bioenergy Roadmap Interim Report. A presentation made at the Southern Growth Policies Board Workshop, August 7-8, Memphis, TN (**Invited**).
14. Dwivedi\*, P., T.S. Nesbit, A. Lindner, and J.R. Alavalapati. 2008. Life Cycle and Cost-Benefit Analyses of Ethanol Production from Slash Pine Plantations. A presentation made at the Southern Forest Economics Workers (SOFEW) 2008 Annual Meeting, March 9 - 11, 2008, Savannah, Georgia.
15. Alavalapati, J.R.R. 2008 Forest carbon sequestration: A case study from the southeastern U.S. A presentation made at the Climate Change: The Issues, Registries, Forestry Offsets & Industry Strategies, July 17-18, 2008, Atlanta, Georgia organized by the Seminar Group, Vashon, WA 98070 (**Invited**).
16. Susaeta, A., J.R.R. Alavalapati, D. Carter, S. Mehmood 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.
17. Alavalapati, J.R.R. 2006. Challenges and opportunities for bioenergy in Florida. A presentation made at the ASERTTI 2006 Annual Meeting on cutting-edge energy ideas

among state and local energy institutions, Cocoa Beach, Florida, October 16-19, 2006, with a focus on exchanging **(Invited)**.

18. Alavalapati, J.R.R. 2006. Economics and policy issues of bioenergy. A presentation made at the Farm to Fuel Summit organized by the Florida Department of Agriculture and Consumer Services, August 30-September 1, Orlando, Florida **(Invited)**.
19. Alavalapati, J.R.R. 2006. Polynomials of interdisciplinary education and research. A panel discussion on interdisciplinary education and research organized by the School of Natural Resources and Environment, September. 12, University of Florida, Gainesville, Florida **(Invited)**.
20. Alavalapati, J.R.R., S. Jose, T. Stein, and G. Tanner. 2006. A cooperative for conserved forest ecosystems: Outreach and research (CFEOR). A presentation made at the meeting of the Century Commission representatives, May 2, Reitz Union, University of Florida, Gainesville, Florida **(Invited)**.
21. Alavalapati, J.R.R. 2006. Sustainability: The confluence of science and public policy. A panel discussion organized by the Environment, Science, and Policy Society at the University of Florida, March 27, Gainesville, Florida **(Invited)**.
22. Matta\*\*, J.R. and J.R.R. Alavalapati. 2006. Spatial attributes influencing landowner participation in habitat conservation. Southern Forest Economic Workers Conference, March 23-24, Knoxville, Tennessee.
23. Parent\*, G. J.R.R. Alavalapati, T. Stein, and C. Reed. 2006. Economic impact analysis of off-highway vehicle recreation in Florida. Southern Forest Economic Workers Conference, March 23-24, Knoxville, Tennessee.
24. Gruby\*, R., J.R.R. Alavalapati, and J.R. Matta. 2006. Comparative analysis of private forestry in Florida and New Brunswick: Implications for Canada-US softwood lumber trade dispute. Southern Forest Economic Workers Conference, March 23-24, Knoxville, Tennessee.
25. Gruby\*, R., J.R.R. Alavalapati, and J.R. Matta. 2006. Comparative analysis of private forestry in Florida and New Brunswick: Implications for Canada-US softwood lumber trade dispute. Student Conference on Conservation Science, March 15-17, 2006, Duke University, Durham, North Carolina.
26. Matta\*\*, J.R., J.R.R. Alavalapati and E. Mercer. 2005. Optimum incentives and habitat conservation on Florida's non-industrial private forests. Annual conference of the Southern Economic Association, November 18-20, Washington, DC.
27. Alavalapati, J.R.R. 2005. Dynamics of parks-communities interface. A presentation made to participants of the Special Program for India on Park Management and Conservation in

the 21<sup>st</sup> Century, organized by the Meridian International Center, Washington, DC on October 3 by the University of Florida Hotel and Conference Center, Gainesville, Florida.

28. Matta\*\*, J.R., J.R.R. Alavalapati and E. Mercer. 2005. Incentives for biodiversity conservation and private forest landowner participation. Southern Forest Economic Workers Conference, April 18-20, Baton Rouge, Louisiana.
29. Mashour\*, T. and J.R.R. Alavalapati. 2004. Analyzing landowners' perceptions and prices of conservation easements. Seminar in the School of Natural Resources and Environment, November 16, 2004, University of Florida, Gainesville (**Invited**).
30. Timko\*, T., J.R.R. Alavalapati, J. Zhang\*\*, and G. Das\*\*. 2004. Effect of environmental tax and incentives for silvopasture on Florida's ranching industry: A CGE Approach. Southern Forest Economics Workers Annual Conference, March 14-16, 2004, St. Augustine, Florida.
31. Zhang\*\*, J. and J.R.R. Alavalapati. 2004. Economy-wide effects of growth in fishing, hunting and wildlife watching in Florida. Southern Forest Economics Workers Annual Conference, March 14-16, 2004, St. Augustine, Florida.
32. Alavalapati, J.R.R. Economics of forest carbon sequestration. Annual meeting of Florida Forestry Association, September 3, 2003, St. Augustine, Florida (**Invited**).
33. Alavalapati, J.R.R. 2003. Economic benefits of agroforestry systems. CSTAF Third Annual Meeting May 22, Milton, Florida.
34. Alavalapati, J.R.R., R. Shrestha\*\*, and G.A. Stainback\*\* 2003. Environmental economic analysis of silvopasture practices in the Lake Okeechobee Watershed. Seminar in Center for Wetlands, April 9, 2003, University of Florida, Gainesville (**Invited**).
35. Shrestha\*\*, R. and J.R.R. Alavalapati 2003. Florida's ranchers' willingness to participate in silvopasture practices: A dichotomous choice contingent valuation approach. Southern Forest Economics Workers Annual Conference, March 16-18, 2003, New Orleans, Louisiana.
36. Stainback\*\*, G.A., J.R.R. Alavalapati, R. Shrestha\*\*, S. Larkin, and G. Wong 2003. Reducing phosphorus runoff through silvopasture: An ecological economics approach. Proceedings of the Southern Forest Economics Workers Annual Conference, March 16-18, 2003, New Orleans, Louisiana.
37. Alavalapati, J.R.R. 2002. Ecological Economics of longleaf restoration. Forestry and Natural Resources Field Day, June 11, 2002, the West Florida Research and Education Center, Jay, Florida (**invited**).

38. Alavalapati, J.R.R. 2002. Economic benefits of agroforestry systems. CSTAF Annual Meeting May 30, University of Florida.
39. Alavalapati, J.R.R. 2002. Policy implications and their influence on current and future markets. Florida-Georgia Society of American Foresters Spring Symposium April 23-25, Jekyll Island, Georgia (**invited**).
40. Alavalapati, J.R.R. and R. Shrestha.\*\* 2002. Economics and social acceptance of PPV approach to manage recreation on U.S. national forestlands. Southern Forest Economics Workers Annual Conference, March 17-19, Virginia Beach, Virginia. Also served as a moderator at this conference.
41. Anderson, E.\* and J.R.R. Alavalapati. 2002. Conservation easements in the Southeastern United States: A review of issues arising out of laws, relationships, and land uses. The second Annual IFAS Graduate Research Symposium, March 18, University of Florida, Gainesville.
42. Larkin, S., J.R.R. Alavalapati, and R. Shrestha.\*\* 2002. Hedonic Analysis of Preservation Lands in Florida. Southern Agricultural Economics Association 34th Annual Meetings, February 3-6, Orlando, Florida.
43. Wu, L.\*, J.R.R. Alavalapati, D.R. Carter, D. Wear, and G.G. Das.\*\*. 2001. Assessing the Impact of Trade Policy and Technology Change in U.S. Forestry Sectors. Southern Forest Economics Workers Annual Conference March 26-27, 2001, Atlanta, Georgia. Also served as a moderator at this conference.
44. Stainback, G. A\* and J.R.R. Alavalapati. 2000. Ecological economic analysis of forest land values in the Mississippi Delta. Southern Forest Economics Workers Annual Conference, March 26-28, Lexington, Kentucky. Also served as a moderator at this conference.
45. Monroe, M. and J.R.R. Alavalapati. 1999. Florida Natural Resources Leadership Institute: Experiences during 1998-99. School of Forest Resources and Conservation Seminar Series, September 8, Gainesville, Florida.
46. Stainback, G. A\* and J.R.R. Alavalapati. 1999. The economics of Florida slash pine and carbon sequestration. Southern Forest Economics Workers Annual Conference, April 2-4, Biloxi, Mississippi.
47. Thangata, P. H\* and J.R.R. Alavalapati. 1999. Adoption of agroforestry practices in Malawi: A case study of Glyricidia sepium and maize. Southern Forest Economics Workers Annual Conference, April 2-4, Biloxi, Mississippi.

48. Wellstead, A. M., J.R.R. Alavalapati, and W.A.White. 1999. Modeling economic impacts in a resource and visitor dependent region: Tools for local decision makers. Southern Forest Economics Workers Annual Conference, April 2-4, Biloxi, Mississippi.
49. Alavalapati, J.R.R. W.L. Adamowicz and W.A. White. 1998. Distributive impacts of forest policies in Alberta: A SAM analysis. Southern Forest Economics Workshop, March 25-27, Williamsburg, Virginia, USA.
50. Alavalapati, J.R.R., H. Salami, M.K. Luckert, and T.S. Veeman. 1995. Effect of environmental constraints on the forest productivity: A case of study of British Columbia. Western Forest Economists Conference, May 1-3, Portland, USA.
51. Alavalapati, J.R.R. 1994. Timber supply behavior of quota holders in Alberta. Forestry Toward 2000, April, Department of Renewable Resources, University of Alberta, Edmonton.
52. Alavalapati, J.R.R. and M.B. Percy. 1994. Effect of timber harvest regulations on the economy of British Columbia: A CGE analysis. Southern Forest Economic Workshop, March 27-29, Savannah, Georgia, USA.