

Professional Vitae
George Andrew Stainback
Center for Earth and Environmental Science
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Academic Background:

Doctor of Jurisprudence (J.D.), May 2006
(Awarded the Deborah K. Kearney Jurisprudence Book Award for Academic Excellence)
Florida State University

Doctor of Philosophy (Ph.D.) in Forest Resources and Conservation, December 2002
Specialization: Forest/Natural Resource Economics and Policy
Advisor: Dr. Janaki Alavalapati
Dissertation: Economics of Forest Carbon Sequestration in the Southeastern U.S.
(Selected as the 2002 School of Forest Resources and Conservation Outstanding Dissertation)
University of Florida

Master of Science (M.S.) in Resource Conservation, July 1998
Specialization: Resource Policy and Economics
University of Montana

Bachelor of Science (B.S.) in Biochemistry, May 1995
Minors: Biology and Chemistry
(cum laude)
Virginia Tech

Studied Biology at Vanderbilt University, 1995-1996

Research, Teaching and Work Experience:

Assistant Professor of Environmental Science, State University of New York Plattsburgh.
August 2007-Present. Teaching responsibilities include Environmental Law, Environmental
Management, Environment and Society and Environmental Science Seminar.

Visiting Assistant Professor of Economics, Georgia Southwestern State University. August
2006-May 2007. Teaching responsibilities included Principles of Microeconomics and
Principles of Macroeconomics.

Paid consultant: School of Forest Resources and Conservation, University of Florida. March
2005. Assisted post-docs and graduate students with economic modeling of ecosystem services.

Paid consultant: Wildlife Conservation Society. Rwanda. July-August 2004. Produced a study of
the best economic/environmental use of land in Nyungwe National Park buffer zone in Rwanda.

Post Doctoral Fellow: Natural Resource Policy and Economics. University of Florida. August
2002-May 2003. Developed economic models to investigate policies for mitigating phosphorus
runoff and sequestering carbon using silvopasture in south Florida and published results in
refereed journals.

Research Assistant: Forest Economics and Policy. University of Florida. 1998-2002. Produced economic models to determine the feasibility of carbon sequestration in private forestland in the U.S. southeast and published results in refereed journals.

Teaching Assistant: Natural Resource Policy and Administration. University of Florida. Spring and Fall Semesters 1999.

Publications:

P. Dwivedi, A. Susaeta, J.R.R. Alavalapati, G.A. Stainback. Carbon sequestration in slash pine (*Pinus elliotti*) plantations: Integrating life cycle analysis. *Submitted*.

J. R. Matta, J.R.R. Alavalapati, G.A. Stainback. Effect of conserving habitat for biodiversity on optimal management of non-industrial private forests in Florida. *Journal of Forest Economics (in press)*.

Alavalapati, J.R.R., Jose, S., Stainback, A., Matta, J.R., and D.R. Carter. 2007. Economics of cogongrass control in slash pine forests. *Journal of Agricultural and Applied Economics* 7: 59-66.

Alavalapati, J.R.R., G. A. Stainback, and J.R. Matta. 2007. Longleaf pine restoration: Economics and policy. pp. 403-412. In: *Longleaf Pine Ecosystems: Ecology, Management and Restoration*: Jose, S., E.J. Jokela, and D. Miller (eds.). Springer-Verlag, Springer, New York.

Stainback, G.A. and J.R.R. Alavalapati. 2005. Effects of carbon markets on the optimal management of slash pine (*Pinus elliottii*) plantations. *Southern Journal of Applied Forestry* 29(1): 27-32.

Stainback, G.A. and J.R.R. Alavalapati. 2004. Restoring longleaf pine through silvopasture practices: An economic analysis. *Forest Policy and Economics* 6 (3-4): 371-378.

Stainback, G.A. and J.R.R. Alavalapati. 2004. Modeling catastrophic risk in economic analysis of forest carbon sequestration. *Natural Resource Modeling* 17 (3): 299-317.

Stainback, G.A., J.R.R. Alavalapati, R.K. Shrestha, S. Larkin, and G. Wong. 2004. Effect of pollution taxes and carbon payments on the adoption of silvopasture. *Journal of Agricultural and Applied Economics* 36(2): 481-489.

Alavalapati, J.R.R., R.K. Shrestha, A. Stainback, J.R. Matta. 2004. Agroforestry development: An environmental economic perspective. *Agroforestry Systems* 61-62 (1-3): 299-310 (also published as a book chapter).

Alavalapati, J.R.R., R.K. Shrestha, A. Stainback, J.R. Matta. 2004. Agroforestry development: An environmental economic perspective. pp. 299-310. In: *New Vistas in Agroforestry A Compendium for the 1st World Congress of Agroforestry*: P. K. R. Nair, M. R. Rao, and L. E. Buck (eds.), Kluwer Academic Publishers, Dordrecht, The Netherlands.

Stainback, G.A. and J.R.R. Alavalapati. 2002. Economic analysis of carbon sequestration in slash pine: Implications for private landowners in the U.S. South. *Journal of Forest Economics* 8(2): 105-117.

Alavalapati, J.R.R., G.A. Stainback, and D.R. Carter. 2002. Restoration of the longleaf pine ecosystem on private lands in the U.S. South: An Ecological Economic Analysis. *Ecological Economics* 40(3): 411-419.

Stainback, G.A. and J.R.R. Alavalapati. 1999. The economics of Florida slash pine and carbon sequestration. In Proceedings: Southern Forest Economics Workers Annual Conference. April 19-20, 1999. Ian Munn and Steve Bullard (eds). Biloxi, MS. pp. 51-55.

Grants Written and Implemented:

Economics of carbon sequestration in Florida slash pine. 1999. The Center for Natural Resources (Biomass Program), University of Florida with J.R.R. Alavalapati. (\$3500)

Economics of non-timber uses of longleaf pine biomass. 2000. The Center for Natural Resources (Biomass Program), University of Florida with J.R.R. Alavalapati. (\$6000)

Economics of biofuel production in slash pine plantations. 2002. The Center for Natural Resources (Biomass Program), University of Florida with J.R.R. Alavalapati. (\$6000)

Presentations:

Rwanda: History and Current Challenges. *Third World Perspective Program Seminar*. Americus, GA. January 24, 2007.

Third World Development: Successes and Failures. *Third World Perspective Program Seminar*. Americus, GA. October, 11, 2006.

Reducing Phosphorus Runoff through Silvopasture: An Ecological Economics Approach. *Southern Forest Economics Workshop*. New Orleans, LA. March 17-18, 2003.

Carbon Sequestration and the Optimal Management of Slash Pine Forests. *USDA Symposium on Natural Resource Management to Offset Greenhouse Gas Emissions*. Raleigh, NC. November 19-21, 2002.

Fire Risk and the Economics of Sequestering Carbon in Forests. *Annual Meeting of the American Agricultural Economics Association*. Long Beach, CA. July 28-31, 2002.

Economic Analysis of Restoring Longleaf Pine on Private Lands in the U.S. South: Implications for Public Policy. *Global Initiatives and Public Policies: First International Conference on Private Forestry in the 21st Century*. Atlanta, GA. March 25-27, 2001.

Ecological-Economic Analysis of Land Values in the Mississippi Delta when Environmental Benefits are Considered. *Southern Forest Economics Workshop*. Lexington, KY. March 26-27, 2000.

Value of Carbon Sequestration: Implications for Slash Pine Forest Management in Florida. *Southern Forest Economics Workshop*. Biloxi, MS. April 18-20, 1999.

Professional Service:

Faculty leader to develop a new master's degree. March 2008-present. Responsibilities include developing a curriculum and internship proposal for a new Professional Science Master's (PSM) degree in environmental management and sustainability.

Campus sustainability committee. August 2008-present. University wide committee composed of administrators, faculty and students tasked with finding ways to make the campus more environmentally sustainable.

Curriculum committee. August 2007-present. Departmental committee of faculty tasked with reviewing course and curriculum changes and making recommendations to the department.

Faculty search committee. October 2007-March 2008. Departmental committee of faculty tasked with soliciting and reviewing applications for an open faculty position in the department.

Research Interest:

The policy and economics of ecosystem services such as carbon sequestration and biodiversity

Environmental, land use, and international law

Sustainable development

Professional Memberships:

Society of American Foresters

The International Society of Ecological Economics

Association of Third World Studies