

# Juan A. Robalino

Apartado Postal 7170 Turrialba  
LACEEP, CATIE  
Turrialba, Costa Rica

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## CURRENT POSITIONS

- 09/2007 - Present      Research Fellow, Environment for Development Initiative, CATIE
- 09/2007 - Present      Deputy Director, Latin American and Caribbean Environmental  
Economics Program, CATIE

## EDUCATION

- 2002-2005              Ph.D. Department of Economics, Columbia University
- 2001-2002              M.Phil. Department of Economics, Columbia University
- 1999-2001              M.A. Department of Economics, Columbia University
- 1994-1998              B.Sc. Departamento de Economía, Universidad de Costa Rica

## HONORS & AWARDS

- 2002-2004              Institute for Social and Economic Research and Policy Fellow,  
Columbia University
- 2002-2003              Center for Economy, Environment and Society Fellow,  
The Earth Institute, Columbia University
- 2000-2002              Teaching Fellow, Department of Economics, Columbia University

## RESEARCH FIELDS

Environmental & Res. Economics      Development Economics      Applied Microeconomics

## PUBLICATIONS

Robalino, J. 2007 “Land Conservation Policies and Income Distribution: Who Bears the Burden of our Environmental Efforts?” *Environment and Development Economics* 12(4) 521-533

Robalino, J., Pfaff, A., and Sánchez, A., 2006 “Estimating Spatial Interactions in Deforestation Decisions” In A. Kantolean, U. Pascual and T. Swanson Eds. *Biodiversity Economics: principles, methods and applications.*, Cambridge University Press.

Pfaff, A., Robalino, J., Walker, R., Reis, E., Perz, S., Boher, C., Aldrich, S., 2005 “Road Investment, Spatial Intensification and Deforestation in the Brazilian Amazon” *Journal of Regional Science* 47 (1) 109-123

Sanchez, G., A. Pfaff, J. Robalino and J. Boomhower., 2007 “Costa Rica’s Payment for Environmental Services Program: Intention, Implementation and Impact”. *Conservation Biology* 21 (5) 1165-1173

Pfaff, A. and Robalino, J. 2008 “Human Choices Affect Conservation Impact: Correct Impact Evaluation after the Fact and Looking Forward.” In C. Palmer and S. Engel Eds. *Avoided Deforestation: Prospects for Mitigating Climate Change* In Press.

Andam, K., Ferraro, P., Pfaff, A. Sanchez, A. and Robalino, J. 2008 “Measuring the Effectiveness of Protected Area Networks in Reducing Deforestation: A Rigorous Impact Evaluation Approach” *Proceedings of National Academy of Science*. Forthcoming.

### **RESEARCH IN PROGRESS**

Robalino, J., and Pfaff, A. 2006 “Contagious Development: Neighbors’ Interactions in Deforestation” (Revision Requested, *Journal of Development Economics*)

Robalino, J. 2006 “Evaluating Policy Impacts on Deforestation: Spillover Effects of National Parks in Costa Rica”

Pfaff, A., Robalino, J., and Sánchez, A., 2006 “Payments for Environmental Services: Empirical Analysis for Costa Rica” Working Paper Series SAN08-05 Terry Sanford Institute of Public Policy, Duke University

Robalino, J., Pfaff, A., Sanchez, A., Alpízar, F., León, C. and Rodríguez CM., 2007 “Deforestation Impacts of Environmental Services Payments: Costa Rica’s PSA Program 2000-2005” Resource for the Future and EfD Working Paper Series DP24

Pfaff, A., Robalino, J., Sanchez, A., Andam, K and Ferraro, P., 2008 “Location Affects Protection: Observable Characteristics Drive Park Impacts in Costa Rica” Working Paper Series SAN08-06 Terry Sanford Institute of Public Policy, Duke University

Hall, L, Madrigal, R and Robalino, J. 2008 “Quality of Life in Urban Neighborhoods in Costa Rica” Research Network Working Paper Series #R-563

### **RESEARCH POSITIONS**

09/2005 - 08/2007 Postdoctoral Research Scholar, The Earth Institute, Columbia University

08/2003 - 08/2005 Researcher, Project “A basin-scale Econometric Model for Projecting Future Amazonian Landscapes” (funded by NASA), Columbia University

04/2003 - 07/2003 Consultant for the World Bank, Project “Spatial Basis for Forest Strategies in Latin America” (for Kenneth Chomitz), Development Economics Research Group (DECRG) Infrastructure and Environment

01/2001 - 04/2002 Part Time Research Assistant, Project “Applied Economic Analysis of Deforestation and Poverty in Costa Rica” (for Alexander Pfaff), Columbia University and Food and Agriculture Organization

01/1999 - 08/1999      Research Assistant, Project “The Effect of *El Niño* on Grain Yields in Costa Rica”, Instituto de Investigaciones de Ciencias Económicas, Universidad de Costa Rica, San José, Costa Rica

### **RESEARCH GRANTS**

2007                      Inter-American Development Bank, Principal Investigator, “Quality of Life in Urban Neighborhoods in Costa Rica” \$ 40000

2007                      Latin American and Caribbean Environmental Economics Program, Principal Investigator, Evaluating Spillover effects of Protected Areas in Costa Rica \$15000

2007                      Inter-American Institute for Global Change Research, Co-Investigator “Conservation Policy Impact in Tropical Dry Forest.” \$80000

### **TEACHING EXPERIENCE**

Spring 2008            Quantitative Methods for Socioeconomics, Instructor and coordinator, Graduate School of CATIE, Master Level

Fall 2006                Principles of Economics, Instructor, Department of Economics, Clark University

2000-2002            Principles of Economics, Intermediate Microeconomics and Environmental Economics, Teaching Assistant, Department of Economics, Columbia University

1996-1998            Matemáticas para Economía I, Matemáticas para Economía II, and Matemáticas para Economía VI, Teaching Assistant, Department of Mathematics, Universidad de Costa Rica

### **PRESENTATIONS IN CONFERENCES**

06/2008                EAERE annual meeting, “Payments for Environmental Services: Empirical Analysis for Costa Rica”, Gothenburg, Sweden

09/2007                ALEAR annual meeting, “Evaluating Policy Impacts on Tropical Deforestation”, Talca Chile

09/2006                Environmental Economics Seminar, Yale University “Evaluating Policy Impacts on Tropical Deforestation”

09/2006                Department of Economics Seminar, Clark University “Evaluating Policy Impacts on Deforestation: Spillover Effects of National Parks in Costa Rica”

07/2006                Third World Conference Environmental & Resource Economists, Kyoto, Japan “Effects of Protected Areas on Neighboring Deforestation: An empirical analysis of Spillovers in Costa Rica”

- 09/2005 Large Scale Biosphere-Atmosphere Experiment in Amazonian Meeting, Sao Paulo, Brazil “Road Investments, Spatial Intensification and Deforestation in the Brazilian Amazon”
- 08/2005 Eighth Occasional Conference on Environmental Economics, Bren School of Environmental Science & Management, University of California Santa Barbara Deforestation is contagious: Evidence of spatial interactions from forest clearing
- 07/2005 Northeast Universities Development Consortium Conference, Brown University “Estimating Spatial Interactions: Evidence from forest clearing in Costa Rica”
- 03/2005 Eastern Economic Association Annual Conference, New York “Deforestation is contagious: Evidence of spatial interactions from forest clearing in Costa Rica”
- 02/2005 School of Public and International Affairs Seminar, University of Pittsburgh “Contagious Development: Neighbors’ interactions in Deforestation”
- 11/2004 Latin American & Caribbean Economic Association Annual Meeting, Costa Rica “Land Conservation Policies and Income Distribution: Who bears the burden of our environmental efforts?”
- 10/2004 Environmental and Resource Economics Workshop, University of Colorado “Estimating Spatial Interaction in forest clearing”
- 09/2004 Sixth Annual BIOECON Conference, Cambridge University, England “Spatial Interactions in Forest Clearing: Deforestation and Fragmentation in Costa Rica”
- 10/2003 Seventh Occasional Conference on Environmental Economics, Bren School of Environmental Science & Management, University of California Santa Barbara “Land Conservation Policies and Income Distribution”

## **OTHER RELEVANT INFORMATION**

Computer skills: Matlab, Gauss, Stata, Arcview (GIS) and Arcmap (GIS)

Referee for: Journal of Environmental Economics and Management (JEEM)  
Environment and Development Economics (EDE) and Land Use Policy