

## **Curriculum Vitae Francisco Alpizar R.**

### **Office address**

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### **BIOGRAPHICAL INFORMATION**

*Date of birth:* February 8, 1974

*Nationality:* Costa Rican

### **PROFESSIONAL ACADEMIC EXPERIENCE**

*Since January 2007:* Environment for Development Program (EfD) ([www.efdinitiative.org](http://www.efdinitiative.org)) )

**Coordinator for Central America and research fellow**

*Since July 2005:* Latin American and Caribbean Environmental Economics Program (LACEEP) for capacity building ([www.laceep.org](http://www.laceep.org))

**Technical Program Director**

*Since July 2003:* Latin American and Caribbean Association of Environmental and Resource Economists ([www.alear.org](http://www.alear.org)).

**Member of the Board of Directors**

*July 2003-July 2005:* Initiative for the Creation of the Environmental Economics Capacity Building Program for Latin America and the Caribbean.

**Development of proposal and resource mobilization strategy**

*April 2003-Dec. 2006:* Tropical Agricultural Research and Higher Education Center (CATIE).

**Director of MSc. Program in Environmental Economics**

*Since July 2002:* Tropical Agricultural Research and Higher Education Center (CATIE) and Environmental Economics Unit (EEU), Gothenburg University, Sweden.

**Associate researcher and lecturer (environmental and natural resource economics & environmental valuation)**

*Nov. 2000 to Dec. 2003:* Capacity Building Agreement for Central America: Swedish International Development Agency (Sida)-EEU-CATIE.

**Swedish Coordinator**

*March 1997-August 1997:* Inter-American Institute for Cooperation in Agriculture (IICA), Sustainable Development Studies, San José, Costa Rica.

**Researcher**

*Jan. 1996-April 1997:* Institute for Economic Research, Universidad de Costa Rica,

**Researcher**

*Jan. 1994-Dec. 1995:* School of Economics, Universidad de Costa Rica.

**Teaching Assistant**

### **ADMINISTRATIVE EXPERIENCE**

*Since August 2007:* Team leader, G-SEBSA Research Group, CATIE

*Since January 2007:* Environment for Development Program (EfD) ([www.efdinitiative.org](http://www.efdinitiative.org)) )

**Coordinator for Central America**

Since July 2005: Latin American and Caribbean Environmental Economics Program (LACEEP) for capacity building ([www.laceep.org](http://www.laceep.org))  
**Program Director and Chair of Advisory Committee**

## **EDUCATION**

October 2002: **PhD in Environmental Economics**, Dept. of Economics (Environmental Economics Unit), Gothenburg University, Sweden. Thesis: "Essays on Environmental Policy-making in developing Countries: Applications to Costa Rica."

October 2001: **Ph. Licenciante in Economics (Swedish Degree above a MSc.)**, Dept. of Economics (Environmental Economics Unit), Gothenburg University, Sweden. Thesis: "Choice Experiments: Theory and an Application to Urban Transport Demand".

March 1996: **BSc. in Economics**, School of Economics, Universidad de Costa Rica.

## **AREAS OF SPECIALIZATION AND CURRENT RESEARCH INTERESTS**

- Design and application of economic policy instruments to environmental problems in developing countries.
- Environmental valuation methods (Contingent Valuation Method and Choice experiments): applications and performance evaluations
- Design, financing and evaluation of mechanisms for Payment for Ecosystem Services
- Management and funding of natural protected areas
- Applications of experimental and behavioral economics

## **REFEREED PUBLICATIONS**

Alpizar, F., F. Carlsson and O. Johansson (2007). Anonymity, reciprocity and conformity: Evidence from Voluntary Contributions to a National Park in Costa Rica. Forthcoming in *Journal of Public Economics*.

Alpizar, F., F. Carlsson and O. Johansson (2007). Does context matter more for hypothetical than for actual contributions? Evidence from a natural field experiment. Forthcoming in *Experimental Economics*.

Blackman, A., F. Alpizar, and A. Pfaff. 2007. "Payments for Ecological Services: The Importance of Precision and Targeting." *Resources* 165, Spring: 20-22.

Campos, J.J., Alpizar F., Louman, B. and Parrotta, J. 2005. An Integrated Approach to Forest Ecosystem Services. In Mery, G., Alfaro, R., Kanninen, M. and Lobovikov, M.(Eds.). 2005. *Forests in the Global Balance - Changing Paradigms*. IUFRO World Series Volume 17, Helsinki, Pp. 97-116.

Alpizar, F. (2006) 'The Pricing of Protected Areas in Nature-Based Tourism: A Local Perspective'. *Ecological Economics*, **56** 294-307.

Alpizar, F. and T. Requate (2004). 'Collective versus Random Fining: An Experimental Study on Controlling Non-Point Pollution', *Environmental and Resource Economics*, **29**: 231-252

Alpizar, F., F. Carlsson and O. Johansson (2005). 'How much do we care about absolute versus relative income and consumption?', *Journal of Economic Behavior and Organization*. Vol. 56:3, pp. 405-421

Alpizar, F. and F. Carlsson (2003). 'Policy Implications and Analysis of the Determinants of Travel Mode Choice: An Application of Choice Experiments to Metropolitan Costa Rica', *Environment and Development Economics*, 8:603-619.

Alpizar, F., F. Carlsson and P. Martinsson (2003). 'Using Choice Experiments for Valuing the Environment', *Economic Issues* 8: 83-110.

### **OTHER PUBLICATIONS**

Baltodano, M.E. and F. Alpizar (2006). Valuing an increase in the supply of hidrological environmental services. *Laderas*. Year 9, No. 23, PASOLAC.

Harvey, C., F. Alpizar, R. Madrigal and M. Chacón (2005). 'Assesing Linkages between agriculture and biodiversity in Central America: Historical Overview and Future Perspectives'. The Nature Conservancy, Costa Rica, ISBN:9968-9557-1-X.

Alpizar, F. (2002). 'Preserving Nature can be Good Business', *Sustainable Development Update Newsletter*, ([www.albaeco.com/sdu/newsletter.htm](http://www.albaeco.com/sdu/newsletter.htm)); 2:1, June 2002.

Alpizar, A; Madrigal, R.; Wilk, D. (2006) "Bienes y servicios ecosistémicos en América Latina y el Caribe: buenas prácticas, mecanismos de financiamiento y rol del Estado". **IDB**, Washington DC.

### **WORKING PAPERS (Spanish and English)**

Alpizar, F; Madrigal, R. 2007. Valoración económica de servicios ecosistémicos hídricos en paisajes intervenidos, cantón de Esparza, Costa Rica.

Alvarado, M; Madrigal, R; Alpizar, F. 2007. Autosostenibilidad financiera de un esquema de pagos por servicios ecosistémicos en Valle de Ángeles, Honduras. Programa FOCUENCAS II-CATIE. 30 p.

Cisneros, J; Alpizar, F; Madrigal, R. 2007. Valoración económica de los beneficios de la protección del recurso hídrico bajo un esquema de pago por servicios ecosistémicos en Copán Ruinas, Honduras. Sometido a *Revista Recursos Naturales*, CATIE. 18 p.

Madrigal, R; Alpizar, F. 2007. Principios de diseño e implementación de esquemas de pagos por servicios ecosistémicos. CCAD-Iniciativa Corredor Biológico Mesoamericano. 55 p.

Retamal, R; Madrigal, R; Alpizar, F; Jiménez, F. 2007 Oferta de servicios ecosistémicos hídricos en el municipio de Copán Ruinas: ¿dónde se generan? ¿cómo protegerlos? ¿cuánto pagar por la protección? Programa FOCUENCAS II-CATIE, Turrialba, CR. 40 p.

Campos, J.J., Alpizar F., Louman, B., Parrotta, J., Madrigal, R. 2006. Enfoque integral para esquemas de pago por servicios ecosistémicos forestales. Artículo presentado en Segundo Congreso Latinoamericano IUFRO-LAT. 26 p.

Madrigal, R; Alpizar, F. 2006. Lecciones aprendidas del diseño de esquemas de pago por servicios ecosistémicos. Programa FOCUENCAS II-CATIE, Turrialba, CR. 17 p.

Alpizar F. y R. Madrigal (2005). "Construction of a land use index to guide the provision and payment of hydrological environmental services: Input to an integral approach to hydrological PES". GEF- Silvopastoral Project, CATIE.

Alpizar, F. and L. Mercado (2005). "Identificación de aspectos prácticos ligados al desarrollo de mercados para servicios ambientales: Lecciones aprendidas de experiencias en la región latinoamericana". UNDP-SURF.

Alpizar, F and L. Mercado (2006). "Guía para el diagnóstico rápido de las condiciones mínimas requeridas para el desarrollo de esquemas de cobro y pago por servicios ambientales: caso del recurso hídrico para consumo humano en el ámbito local", UNDP-SURF.

Alpizar, F and L. Mercado (2006). "Introducción al diagnóstico rápido de las condiciones mínimas requeridas para el desarrollo de esquemas de cobro y pago por servicios ambientales". UNDP-SURF

Alpizar and Otárola (2003). "WTP for Improved Watershed Management: The Case for Environmentally Adjusted Prices for Hydroelectricity; JASEC.

Alpizar (1999) "Insights into Biodiversity Conservation: A Political, Ecological and Economic Approach". Paper presented for the Beijer International Institute of Ecological Economics.

Alpizar (1999) "The Use of Policy Instruments to Regulate Private Transportation: Special Attention to the Case of Costa Rica".

## **REPORTS AND OTHERS**

Alpizar, F. y R. Madrigal (2005). "Propuesta metodológica para el establecimiento de tarifas de entrada en las Áreas Silvestres Protegidas de Costa Rica: Casos de estudio en Parque Nacional Braulio Carrillo, Parque Nacional Manuel Antonio y Parque Nacional Corcovado". The Nature Conservancy, Costa Rica.

Alpizar, F. and F. Castillo (2007) Estimación de tarifas de admisión y por servicios prestados por las Áreas Protegidas de Costa Rica: Estudios de caso del Parque Nacional Braulio Carrillo, Sector Barva y el Parque Nacional Chirripó.

## **PROFESSIONAL EXPERIENCE (CONSULTANCIES AND ADVISORY WORK)**

*2007:* The Nature Conservancy-Central America

**Consultant:** Sustainable Tourism in Natural Protected Areas (NPA): Case studies in Chirripó NP and Braulio Carrillo NP.

*Dec. 2005-Nov. 2006* Inter-American Dialogue on Policy and the Environment, Inter-American Development Bank

**Consultant:** "Bienes y servicios ecosistémicos en América Latina y el Caribe: buenas prácticas, mecanismos de financiamiento y rol del Estado".

**Presentations in meetings of ministers of environment in Buenos Aires, Lima, San Jose and Washington**

*October 2005:* World Wildlife Fund (WWF)

**Consultant:** Economic Valuation of a sustainable management program in the Motagua Watershed, Sierra de las Minas, Guatemala: The Pasabien river.

*Julio 2005:* United Nations Development Program-Latin America and Caribbean

**Consultant:** Elaboration of a quick appraisal guide to explore the minimum required conditions for the development of payment for environmental services schemes: The hidrological environmental service at the local level

*Sept. 2004:* United Nations Development Program-Latin America and Caribbean

**Consultant:** Conceptual Framework and Identification of Practical Lessons in the Development of Markets for Environmental Services: Experiences in Latin America and the Caribbean.

*Aug. 2004:* The Nature Conservancy-Central America

**Consultant:** Sustainable Tourism in Natural Protected Areas (NPA): Alternative Strategies for the Financial Sustainability of Tourism in NPA. Case studies Manuel Antonio NP, Corcovado NP and Poás NP.

*Jan. 2004:* The Nature Conservancy-Central America

**Consultant/Researcher:** “Linking Agricultural Development and Biodiversity Loss in Central America: Historical Overview and Future Perspectives”

*Dec. 2003-April 2004:* Forest Valuation Program, IUCN-South America

**Consultant:** Preparation of a proposal for a forestry valuation program for South America,

*Since January 2004:* Integrated Silvopastoral Approaches to Ecosystem Management Project, GEF-World Bank-CATIE; Colombia, Nicaragua, Costa Rica.

**Researcher:** Design, financing and evaluation of a water related Payment for Environmental Services Scheme for agricultural landscapes in the 3 target countries.

*Since January 2004:* FOCUENCAS Project, Swedish International Development Agency.

**Researcher:** Design and Evaluation of a Payment for Environmental Services Scheme in 4 municipalities of Nicaragua and Honduras

*2003-2004:* Junta Administradora de Servicios Eléctricos de Cartago, Costa Rica (regional electricity company)

**Consultant:** Construction of a Payment for Environmental Services scheme, including the preparation of an action plan for the supply of hydrological services and a study of the demand for environmental services in the target population.

## CONFERENCES AND SEMINAR PRESENTATIONS

Paper: “Does context matter more for hypothetical than for actual contributions? Evidence from a natural field experiment.”

- 3<sup>rd</sup> Congress of ALEAR, Chile, 2007

- LACEEP workshop, Guatemala, 2006

Paper: “Anonymity, reciprocity and conformity: Evidence from Voluntary Contributions to a National Park in Costa Rica”

- EAERE Congress, Greece, 2007

- Resources for the Future, USA, 2006

Paper: “Economic experiments as rural appraisal tool: Is cooperation around a common pool resource possible?”

- 2<sup>nd</sup> Congress of ALEAR, Oaxaca, Mexico, 2005

Paper: “Linkages between agricultural development and biodiversity loss”,

- Walton School of Business, University of Arkansas, April 2004.

Paper: “The Pricing of Protected Areas in Nature-Based Tourism: A Local Perspective”

- 1<sup>st</sup> Congress of ALEAR, Cartagena, Colombia, July 2003.

Paper: "Collective versus Random Fining: An Experimental Study on Controlling Non-Point Pollution"

- 2<sup>nd</sup> World Congress of Environmental and Resource Economists, Monterey, California, June 2002.

- Conference Game Practice and the Environment, Alessandria, Italy. *April 2002*

- Workshop organized by the Beijer Institute for Ecological Economics, Mérida, Mexico, December, 2001.

Representative for Sida (Swedish International Development Agency) for the conference "Capturing the Value of Ecosystem services: Developing Markets for Environmental Assets", Forest Trends and the Katoomba Group, London, UK, March 2002.

## **TEACHING**

### **At CATIE:**

- Environmental and Natural Resources Economics, 3<sup>rd</sup> trimester of M. Sc. Program.
- Economic Valuation of the Environment, 4<sup>th</sup> trimester of M. Sc. Program.
- Advanced Topics of Environmental Economics, short capacity building course, January 2002.
- Environmental Economics and Valuation of Environmental Good and Services, two-week capacity building course, 2002, 2003, 2004, 2005.

### **At Gothenburg University**

- Invited Professor responsible for developing and teaching the course Environmental Policy Instruments, Msc. in Industrial Ecology, Gothenburg University and Chalmers University of Technology, January 2005.
- Graduate Teaching Associate for the course Environmental Valuation; Ph.D. Program in Environmental Economics; Environmental Economics Unit, University of Göteborg, Sweden, November 2000.

### **As invited lecturer:**

- Environmental Economics and Policy; one-week course at the Universidad Técnica de Pereira, Colombia, April 2003
- Lectures (2) on valuation methods based on stated preferences, M. Sc. course in Environmental Valuation Methods, CINPE, Universidad Nacional, Costa Rica, November, 2002.
- Lecture on Valuation methods, course in Environmental Aspects of Logistics and Transportation, Chalmers University of Technology, Sweden, April 2000 and May 2001
- The relation between growth and the environment. Walton School of Business, University of Arkansas, April 2004.

## **PROFESSIONAL ASSOCIATIONS**

*Since 2003:* Member of the Board of Directors of ALEAR

*Since 2002:* Member of the Latin American and Caribbean Association of Environmental and Resource Economists (ALEAR)

*Since 1999:* Member of the European Association of Environmental and Resource Economists (EAERE)

*Since 1998:* Member of the Association of Environmental and Resource Economist (AERE)

Member of the American Economic Association

## **OTHERS**

*Languages:* Fluent in Spanish, and English, strong command of German, and basic Swedish.