

# MARÍA ANGÉLICA NARANJO-BARRANTES

## OFFICE ADDRESS

Development Economics Group, Wageningen University  
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## GENERAL INFORMATION

*Nationality:* Costa Rican  
*Date of birth:* March 20<sup>th</sup>, 1982  
*Place of birth:* San José, Costa Rica

## EDUCATION

*September 2012- 2018 (expected)* **PhD. Student**  
*Development Economics Group*  
Wageningen University, the Netherlands

*September 2007* **M.Sc. Management Economics and Consumer Studies**  
**Environmental Economics and Natural Resources**  
Wageningen University, the Netherlands

*October 2004* **Bachelor in Economics**  
University of Costa Rica, San José, Costa Rica

## PROFESSIONAL EXPERIENCE

*Jan 2017*     *Jan 2018*     **Director and Research Fellow**  
EfD – CATIE, Environment for Development Initiative  
([www.efdinitiative.org](http://www.efdinitiative.org))  
Turrialba, Costa Rica

*July 2011 – Dec 2016*     **Deputy Director and Research Fellow**  
EfD – CATIE, Environment for Development Initiative  
Turrialba, Costa Rica

- Ago 2010 – Jul 2011*      **Research Fellow**  
EfD – CATIE, Environment for Development Initiative  
Turrialba, Costa Rica
- Oct 2007 – Ago 2010*      **Dissemination Officer and Junior Research Fellow**  
EfD – CATIE, Environment for Development Initiative  
Turrialba, Costa Rica
- Jan 2006 – Sept 2006*      **Web Page Manager**  
Costa Rica Platform  
Nature Valuation and Financing Network  
([www.fsd.nl/naturevaluation](http://www.fsd.nl/naturevaluation))  
Wageningen, The Netherlands
- Apr 2005 – Jul 2005*      **AIESEC Trainee**  
Foreigner Trade Department  
Polser Ltd.  
Izmir, Turkey
- Ago 2004 – Nov 2004*      **Researcher**  
Foreign Trade Corporation of Costa Rica (PROCOMER)  
San José, Costa Rica
- Dec 2003 – Apr 2004*      **Consultant**  
Stewardship, University of Costa Rica  
San José, Costa Rica
- Mar 2003 – Ago 2003*      **Research Assistant**  
Economic and Environmental Studies Center (CIESA)  
San José, Costa Rica
- Dec 2002 – Mar 2003*      **Research Assistant**  
Institute for Economic Research (IICE),  
University of Costa Rica  
San José, Costa Rica

## **PUBLICATIONS**

### **Peer review**

- Rivera, J., Naranjo M.A., Robalino J., Alpízar F. and Blackman, A. (2017). “Local Community Characteristics and Cooperation for Shared Green Reputation” *The Policy Studies Journal*. vol: 45 (4) pp: 613-632
- Madrigal-Ballesteros R. and Naranjo, M.A. (2015) “Adaptive capacity, drought and the performance of community-based drinking water organizations in Costa Rica” forthcoming in *Journal of Climate Change and Water*.

Blackman, A., Naranjo M.A., Robalino J., Alpízar F. and Rivera J. (2014). "Does Tourism Eco-Certification Pay? Costa Rica's Blue Flag Program." *World Development* 58: 41-52.

Blackman, A. and Naranjo M.A. (2012), "Does Eco-Certification Have Environmental Benefits? Organic Coffee in Costa Rica". *Ecological Economics*, Volume 83, November 2012, Pages 60–68

Alpizar, F., Carlsson, F. and Naranjo, M.A. (2011), "The Effect of Ambiguity, and Coordination on Farmers' Adaptation to Climate Change: A Framed Field Experiment." *Ecological Economics* 70 (2011) 2317-2326.

### **Working papers**

Naranjo, M.A., Pieters, J. and Alpizar, F. "Credit, insurance and farmers' liability: evidence from a lab in the field experiment with coffee farmers in Costa Rica." *Environment for Development Discussion Paper Series*. March 2017. EfD DP 17-04

Naranjo, M.A., Alpizar, F., Martinsson, P. "Measuring farmers risk attitudes: comparing between stated preference methods and incentivized experiments."

Naranjo, M.A., Martinsson, P. Alpizar, F. "Production shocks and cooperation: Evidence from public goods experiment with coffee farmers in Costa Rica."

### **Consultancies and reports**

Naranjo, M.A. Viguera, B. and Steller, A. (2017) "Characterization of energy use in Central America: households choices and opportunities to promote energy transition initiatives in low and middle-income countries." *Work in progress*.

Naranjo, M.A., Villalobos-Fiat, L., Muñoz, C. (2012). "Cost based pricing tool to estimate the cost of providing non-essential services in protected areas and Institutional Base Line: Case Study National Corcovado and Marino Ballena." The Nature Conservancy, Costa Rica.

Naranjo, M.A., F. Alpízar, A. Vargas (2010). "Cost based pricing tool to estimate the cost of providing non-essential services in protected areas: Case Study National Park Chirripó." The Nature Conservancy, Costa Rica.

Naranjo, M.A, J. Robalino, F. Alpízar and T. O'garra (2009), "Diagnosis and fee estimation model for renewable electricity power plants in Costa Rica." The Costa Rican Regulatory Authority (ARESEP). San José, Costa Rica.

Alpízar, F., F. Castillo and M.A. Naranjo (2007). "Entrance fees and prices for services provide in Costa Rica's Protected Areas: Case Studies in Braulio Carrillo National Park - Barva and National Park Chirripó". The Nature Conservancy, Costa Rica.

## Other Publications

*Research Brief: [“Credit, insurance and farmers’ liability: Evidence from a lab-in-the-field experiment with coffee farmers in Costa Rica.”](#)* Based on Naranjo, M.A., Pieters, J., and Alpizar, F. Credit, insurance and farmers’ liability for debt: evidence from a lab-in-the-field experiment with coffee farmers in Costa Rica. *Environment for Development Discussion Paper Series*. March 2017. EfD DP 17-04.

*Policy Brief: [Does Tourism Eco-Certification Pay? Costa Rica's Blue Flag Program.](#)* Based on Blackman, Allen, Maria A. Naranjo, Juan Robalino, Francisco Alpizar and Jorge Rivera (2012), “Does Tourism Eco-Certification Pay? Costa Rica's Blue Flag Program”, *Environment for Development Discussion Paper Series* November 2012. EfD DP 12-13.

*Policy Brief: [Does Eco-Certification Have Environmental Benefits?](#)* Based on results from: Blackman, A., Naranjo, M. “Does Eco-Certification Have Environmental Benefits? Organic Coffee in Costa Rica”, *Environment for Development. Discussion Paper Series*. November 2010. EfD DP 10-25.

*Policy Brief: [Estrategias para adaptarse al cambio climático \(Spanish only\)](#)* Based on results from: Alpizar, Francisco, Fredrik Carlsson, and Maria Naranjo (2009), “The Effect of Risk, Ambiguity, and Coordination on Farmers' Adaptation to Climate Change: A Framed Field Experiment”, *EfD Discussion Paper 09-18*, *Environment for Development Initiative and Resources for the Future*, Washington DC, September 2009.

## TEACHING EXPERIENCE

*Since May 2008* Support to Master course in Environmental Economics and Natural Resources at Tropical Agricultural and Higher Education Center (CATIE)

*September 2011* Course: Environmental Economics and Ecotourism  
Interdisciplinary Master in Environmental Management and Recreation, University of Costa Rica.

## OTHER ACTIVITIES

*Oct 2017* **11<sup>th</sup> Annual Meeting Environment for Development** Presenter:  
“Measuring farmers risk attitudes: testing consistency between stated preference methods and incentivized experiments.”  
Addis Ababa, Ethiopia

*June 2017* **Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2017)**  
Presenter: “*Credit, insurance and farmers’ liability: evidence from a lab in the field experiment with coffee farmers in Costa Rica.*”  
Athens, Greece

- May 2017 **Spring Meeting of the Sustainable Energy Transitions Initiative (SETI)**  
Duke University Durham, NC
- Nov 2016 **10<sup>th</sup> Annual Meeting Environment for Development** Presenter:  
*"Credit, insurance and farmers' liability: evidence from a lab in the field experiment with coffee farmers in Costa Rica."*  
Pucón, Chile
- Feb 2016 **EfD Policy Research Review Workshop**  
Presenter: *"Strategic review of Central America's environmental priorities"*  
Addis Ababa, Ethiopia
- Nov 2015 **9<sup>th</sup> Annual Meeting Environment for Development**  
Presenter: *"Risk, ambiguity, time preferences, and adaptation practices: A study of coffee farmers in Costa Rica."*  
Shanghai, China
- May 2015 **The Choice Lab, Norwegian School of Economics**  
Presenter: *"Risk taking and fairness: A lab in the field experiment with coffee farmers in Costa Rica."*  
Bergen, Norway
- April 2015 **3rd annual Ph.D. workshop "Experimental Development Economics: Lab-in-the-field."**  
Organized by the University of East Anglia. UK.
- Oct 2013 **J-PAL Course on Randomised Evaluations**  
Abdul Latif Jameel, Poverty Action Lab  
University of Cape Town, South Africa
- Jun 2012 **19<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2012)**  
Presenter: *"Does Tourism Eco-Certification Pay? Costa Rica's Blue Flag Program"*  
Prague, Czech Republic
- May 2012 **Voluntary Pollution Control (VPC) Workshop 2012**  
Presenter: *"Does Community Eco-Certification Attract Business? Costa Rica's Blue Flag Program"*  
The Ohio State University, United States of America
- Oct 2011 **5<sup>th</sup> Annual Meeting Environment for Development**  
Presenter: *"Green certified communities and business investment: The case of the Blue Flag Program in Costa Rica."*  
Arusha, Tanzania

- Jun 2011*      **18<sup>th</sup> Annual Conference of the European Association of Environmental and Resource Economists (EAERE 2011)**  
 Presenter: *"Does Eco-Certification Have Environmental Benefits? Organic Coffee in Costa Rica"*  
 Rome, Italy
- Jun 2011*      **9<sup>th</sup> International Conference of the European Society for Ecological Economics (ESEE 2011)**  
 Presenter: *"Does Eco-Certification Have Environmental Benefits? Organic Coffee in Costa Rica"*. Istanbul, Turkey
- Nov 2009*      **3<sup>rd</sup> Annual Meeting**  
 Presenter: *Voluntary Environmental Regulation in Central America: Costa Rica's Blue Flag Beach Program*  
 Naivasha, Kenya
- Mar 2009*      **IV Congress of the Latin American and Caribbean Association of Environmental and Natural Resources Economists (ALEAR)**  
 Presenter: *"The role of uncertainty, ambiguity, and coordination for adaptation to climate change: A framed field experiment on coffee farmers in Costa Rica."*  
 National University of Costa Rica, Heredia, Costa Rica
- Jan 2008*      **Training Course: Environmental Policy and Resource Economics**  
 Latin American and Caribbean Environmental Economics Program (LACEEP)  
 Participant, Turrialba, Costa Rica
- Nov 2004*      **Latin American & Caribbean Economic Association (LACEA) Annual Meeting**  
 Participant, San José, Costa Rica

## **SKILLS AND TRAINING**

*Computing skills:* **Windows Office**, strong knowledge of **Excel** for statistical purposes and a fair command of **Stata, ArcGIS**.

*Languages:* Spanish, mother tongue; English, fluently speaking and writing; Dutch, basic.

## **GRANTS AND OTHER RELEVANT INFORMATION**

*Travel grants:*      **ENLACE**  
 Enhancing Scientific Cooperation between the European Union and Central America.  
 For participation at the 9th International Conference of the European Society for Ecological Economics (ESEE, 2011) and the

18th Annual Conference of the European Association of Environmental and Resource Economists (EAERE, 2011).

*Studying grants:* **Netherlands Fellowship Programmes (NFP)**  
Netherlands Organization for International Cooperation in Higher Education (NUFFIC)  
Two years of Master Studies (2005-2007)  
Four years of Ph.D. Studies (2012-2017)