

María Alejandra Vélez, PhD  
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Associate Professor  
School of Management  
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## Education

### **University of Massachusetts, Amherst, MA, USA**

PhD Resource Economics, May 2006.

#### **Area of Specialization: Natural Resource and Environmental Economics**

Dissertation: Three Essays on the Determinants of Behavior in the Commons: Experimental Evidence from Fishing Communities in Colombia.

### **University of Massachusetts, Amherst, MA, USA**

Master of Science Degree in Resource Economics

Finished all requirements by September 2004. Received Diploma by February 2005.

### **Los Andes University, Bogotá, Colombia.**

BA Economics, September 1999.

Thesis: An economic analysis of Colombian guerrillas' (FARC and ELN) evolution and patterns of territorial expansion.

## Academic Experience

### **Duke Center for Latin American & Caribbean Studies- Duke University, Durham, NC**

Mellon Visiting Professor, August – December 2013.

### **Center for Research on Environmental Decision – Columbia University, New York City**

Postdoctoral Research Scientist, September 2006- August 2008.

Research on decision making under uncertainty, with a focus on water management and climate variability in Ceara, Brazil.

### **Research Assistant at the University of Massachusetts, Amherst**

June 2002-2005 Professors John Stranlund and Jim Murphy, Department of Resource Economics.

Project: Design and conduct laboratory experiments to test compliance behavior and enforcement strategies for environmental policies.

### **Teaching Assistant at the University of Massachusetts, Amherst**

January 2002 - June 2002, Introductory Statistics for Social Sciences, Department of Resource Economics.

September 2001 - December 2001, Environmental Policy and Natural Resource Economics, Department of Resource Economics.

### **Lecturer, Los Andes University, Bogotá, Colombia**

September 1999 - December 1999. Introductory Economics, Economics Department

**Research Assistant at Los Andes University, Bogotá, Colombia.**

January 1999-June 1999 Professor Jose Leibovich, Director of the Center for Economic Development Studies (CEDE).

July 1998 - December 1998 Professor Juan Manuel Gonzalez, Center for Interdisciplinary Regional Studies (CIDER).

January 1998 -June 1998 Professor Santiago Montenegro, Dean of Economic Department.

### **Teaching Assistant at Los Andes University, Bogotá, Colombia**

1997- 1996 Introductory Economics and Economic Indicators, Economics Department.

### **Professional Experience**

#### **Institute Alexander Von Humboldt - Colombia**

Researcher Biotrade Program, January 2000 - August 2001.

Advised traditional communities and small companies on the sustainable trade of biodiversity products.

#### **National Federation of Coffee Growers of Colombia**

Economic Analyst and Advisor, July 1999 - December 1999.

Conducted a survey and produced a report regarding the production and trade of organic coffee in Colombia.

### **Publications**

#### **Journal Articles**

Velez, M. A. and M. C. Lopez. 2013. Rules compliance and age: experimental evidence with fishers from the Amazon river. *Ecology and Society* 18(3): 10. <http://dx.doi.org/10.5751/ES-05721-180310>.

Pfaff Alexander, Maria A. Velez, Kenneth Broad and Renzo Taddei. 2013. "Unequal Information, Unequal Allocation: Bargaining field experiments in NE Brazil". *Environmental Science and Policy*, 26, 90-101.

Velez, Maria Alejandra John K. Stranlund; and James J. Murphy. 2012. "Preferences for Government Enforcement of a Common Pool Harvest Quota: Theory and Experimental Evidence from Fishing Communities in Colombia." *Ecological Economics*, 77, 185-192.

Pfaff Alexander and Maria A. Velez, 2012. "Efficiency and Equity in Negotiated Resource Transfers: Contributions and Limitations of Trust with Limited Contracts". *Ecological Economics*. 74, 55-63.

Velez, Maria Alejandra, Pablo Ramos y Laura Alayón. 2011. "Instituciones Anidadas para prevenir y resolver conflictos socio-ambientales: manejo y distribución del agua en Campo Alegre (Huila, Colombia)". *Cuadernos de Desarrollo Rural*. 8:67,71-90.

Vélez, Maria Alejandra, 2011. "Collective Titling and the Process of Institution Building: The New Common Property Regime in the Colombian Pacific. *Human Ecology*. 39: 2, 117-129.

Peterson Nicole, Kenneth Broad, Ben Orlove, Carla Roncoli, Renzo Taddei y Maria Alejandra Vélez. 2010. "Participatory processes and climate forecast use: Socio-cultural context, discussion, and consensus". *Climate and Development*, 2 :1, 14-29.

Vélez, María Alejandra, James J. Murphy and John K. Stranlund. 2010. "Centralized and Decentralized Management of Local Common Pool Resources in the Developing World: Experimental Evidence from Fishing Communities in Colombia." *Economic Inquiry*. 48 : 2, 254–265.

Patt Anthony, Nicole Peterson, Michael Carter, María Velez, Ulrich Hess and Pablo Suarez, "Making index insurance attractive to farmers". 2009. *Mitigation and Adaptation Strategies for Global*, 14:737–753.

Vélez, María Alejandra. 2009. "Sistemas complejos de gobierno local. Reflexiones sobre la titulación colectiva en el Pacífico vallecaucano". *Revista de Estudios Sociales*, 32, 74 – 85.

Vélez, María Alejandra, John K. Stranlund and James J. Murphy. 2009. "What Motivates Common Pool Resource Users? Experimental Evidence from the Field." *Journal of Economic Behavior and Organization*, 70:3, 485-497.

Vélez, María Alejandra. 2007. "Dissertation Abstract: Three Essays on the Determinants of Behavior in the Commons: Experimental Evidence from Fishing Communities in Colombia". *Experimental Economics*, 10:2, pp. 183-184.

Vélez, María Alejandra. 2001. "FARC-ELN: Evolución y Expansión Territorial." *Revista Desarrollo y Sociedad* 47,151-225.

## Book Chapters

Velez, M.A. "Entre el Estado y la Sociedad Civil: El rol de los consejos en la gestión de lo público". En *Dilemas de lo público*. Editado por Clemente Forero y Luis Diaz. Facultad de Administración. Ediciones Uniandes. 2014.

Klaus Moeltner, James J. Murphy, John K. Stranlund and María Alejandra Vélez , "Institutional Heterogeneity in Social Dilemma Games: A Bayesian Examination" . In *Handbook On Experimental Economics And The Environment*. Estados Unidos ISBN: 978-1847206459 ed: Edward Elgar , v. , p.67 - 88 , 2013.

María Alejandra Vélez, Lina Moros Canon y Juan Fernando Bermúdez, "Experimentos económicos: herramienta pedagógica para el salón de clases" *Experimentos En Ciencias Sociales: Usos, Métodos Y Aplicaciones* . En: Colombia ISBN: 978-958-716-614-9 ed: Editora De La Pontificia Universidad Javeriana, p.81 - 122 2013.

Santiago Montenegro y María Alejandra Vélez, "La economía política del café y el petróleo hasta los años noventa". En: *Sociedad Abierta, Geografía y Desarrollo*. Colombia ISBN: 958-04-9184-4 ed: Norma , v. , p.243 - 277, 2006.

María Alejandra Vélez, "Facilitación del Comercio de Bienes y Servicios amigables con el medio ambiente" En: *Cinco Estudios Sudamericanos Sobre Comercio Y Ambiente*. (Editor), Grupo Zapallar, Fundación Futuro Latinoamericano. Ecuador. v.1 , p.151 – 173, 1 ,2001.

## Cases

Lobo, Iván; Moros, Lina; Vélez María Alejandra. 2013. "Post-conflict in the classroom: pedagogical challenges for a divided society". En: Serie Casos de Enseñanza. CP- 05-01. Centro de Aprendizaje Centrado en el Participante, Facultad de Administración, Universidad de los Andes.

## Other

Vélez, María Alejandra Juan Carlos Rocha y Pablo Andrés Ramos. 2009. Titulación colectiva en el Pacífico vallecaucano: manejo del territorio y los recursos naturales .Bogotá: Universidad de los Andes, Facultad de Administración, Ediciones Uniandes.

López, Maria, Diana Maya, Liliana Mosquera y Maria Alejandra Vélez. 2006. *Normas y Reglas para la Regulación del Recurso Pesquero. Memorias de Juegos Económicos y Taller en la Ensenada de Tumaco*. Universidad Javeriana, WWF- Colombia, Universidad de Massachusetts, Amherst.

## Awards

Young Researcher Delegate to the 46<sup>th</sup> annual International Achievement Summit. Academy of Achievement, Washington DC, April 2007.

Fellow Latin American and Caribbean Environmental Economics Program (LACEEP), March, 2007. . "Collective Titling and the Process of Institution Building: Common Property Regime in the Colombian Pacific".

Center for Latin American, Caribbean and Latino Studies Travel Grant for Graduate Students 2005. University of Massachusetts, Amherst.

Member of University of Massachusetts Chapter of the Honor Society of Phi Kappa Phi 2003. Graduate School Fellowship Award 2003 – 2004, University of Massachusetts, Amherst.

Carolyn Harper Fellowship, Department of Resource Economics, University of Massachusetts, Amherst, 2002.

Best Undergraduate Thesis Project in Social Sciences and Economics, Los Andes University, Bogotá 1999. Thesis: FARC - ELN: Evolution and Territorial Expansion.

## Languages

English, Spanish and Basic Portuguese.