

Deissy Martínez Barón

MSc. In Rural Development

B.A. in International Relations and Political Affairs and B.A in Economics

PROFESSIONAL PROFILE

Over 7 years of experience on socio-economic research, as well as research management and coordination in topics related to agriculture, climate change, policy and institutional aspects. Experience on planning and methods to address climate change and variability adaptation and mitigation, analysis of institutional and policy dynamics to increase resilience of agricultural actors in Latin American countries and implementation of socio-economic and gender inclusive approaches on climate actions at local, subnational, national and regional levels. Significant experience on management of climate change and agriculture projects including design, implementation and monitoring and evaluation stages towards supporting sustainable development and improvement of rural livelihoods in developing countries.

ACADEMIC BACKGROUND

2016. **Master in Rural Development.** Pontificia Universidad Javeriana. Colombia

2008. **Undergraduate in Economics.** Universidad Militar Nueva Granada. Colombia

2006. **Undergraduate in International Affairs and Political Science.** Universidad Militar Nueva Granada. Colombia

LANGUAGES

ENGLISH: Reading (HIGH) – Writing (HIGH) – Conversation (HIGH)

ITALIAN: Reading (INTERMEDIATE) – Writing (INTERMEDIATE) – Conversation (INTERMEDIATE)

PROFESSIONAL EXPERIENCE

Regional Coordinator | **CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) for Latin America**

April 2018 – Current

Main activities include:

- Management of CCAFS actions and projects in the region with local, national and regional partners, including communication and engagement with Ministries of Agriculture, Environment and local governments as well as international and regional organizations and NGOs.
- Coordination of the strategy development of CCAFS Latin America and the scaling and engagement processes of climate smart agriculture in prioritized Latin America CCAFS countries.
- Lead strategic opportunities and developing actions to increase fundraising in the region and provide technical backstopping of projects to ensure quality of outputs and outcomes, and to ensure communication products from the projects.
- Development of funding proposals and engagement with donors to develop research and implement actions on agriculture and climate change in collaboration with both government and non-government partners in the region.
- Coordination with CGIAR research centers to develop research that address national, local and regional interests, needs and challenges regarding climate change and agriculture specially for smallholder farmers.

Science Officer | **CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS) for Latin America**

April 2013 – 2018

Main activities include:

- Provide technical and scientific guidance on project portfolio implementation to be consistent with regional priorities on climate change and agriculture contributing to food insecurity reduction.
- Planning and research development on climate change in agriculture and rural development, socio-economic and institutional analysis and designing, implementation and M&E of research programs in the region to address climate change challenges regarding productivity, achievement of sustainable development goals and international commitments, cost-benefit analysis of prominent climate smart agricultural practices and portfolios.
- Development and implementation of strategies across scales to scale up and out climate smart portfolios and interventions that contribute to rural development goals in Latin America.

Consultant | **National Planning Department (DNP)**

March 2011 – December 2012

Main activities included:

- Support to the Sustainable Environmental Development Deputy-Directorate managing technical cooperation program with IDB on sectoral economic impacts of climate change in Colombia.
- Research on Ricardian Model for land valuation in Colombia using climate change scenarios to analyze changes in land use when climate variations occurs in the context of the Study of Economic Impacts of Climate Change in Colombia – EIECC.
- Development, adjustment and improvement of Regional Social Accountability Matrixes according to Computable General Equilibrium Model needs of the Study of Economic Impacts of Climate Change in Colombia – EIECC
- Support to the Sustainable Environmental Development Deputy Directorate with international cooperation and climate change related activities.

Consultant | **National Administrative Department of Statistics (DANE)**

September 2009 – November 2012

Main activities included:

- Development of pilot exercises for Health Satellite Account in the context of National Accounts of Colombia; as well as support the submission of National Annual Accounts Methodology as part of the OECD requirements.
- Redesign of Environmental Protection Expenditure Accounts of Recycling Activity in the context of National Accounts of Colombia, as well as, structure and develop research to implement recycling activity as an economic activity within the national accounts framework.
- Definition of the national data and information needs of the theoretical general equilibrium model to implement the case of study to analyze economic impacts of climate change for decision making processes in the country.
- Processing and analysis of data vases of Environmental Satellite Accounts within National Accounts framework. Elaboration of statistics, analysis and information synthesis. Elaboration of bulletins and reports of environmental information.

Junior Researcher | **Universidad Militar Nueva Granada**

February 2008 – February 2011

Develop of research projects related to armed conflicts, delinquency, and behavior patterns using economics and statistical tools as well as econometrics.

PUBLICATIONS

- **Martinez Baron, D.**; Orjuela, G.; Renzoni, G.; Loboguerrero Rodríguez, A.M.; Prager, S. 2018. [Small-scale farmers in a 1.5oC future: The importance of local social dynamics as an enabling factor for implementation and scaling of climate-smart agriculture](#). *Current Opinion in Environmental Sustainability* 31: 112-119.
- Chirinda, Ngonidzashe, Arenas, Laura, Katto, Maria, Loaiza, Sandra, Correa, Fernando, Isthitani, Manabu, Loboguerrero, Ana Maria, **Martínez-Barón, Deissy**, Graterol, E., Jaramillo, S., Torres, C., Arango, M., Guzmán, M., Avila, I., Hube, S., Kurtz, D., Zorrilla, G., Terra, J., Irisarri, P., Tarlera, S., LaHue, G., Scivittaro, W., Noguera, A. and Bayer, C. (2018) [Sustainable and Low Greenhouse Gas Emitting Rice Production in Latin America and the Caribbean: A Review on the Transition from Ideality to Reality](#), *Sustainability*, 10(3), p. 671.
- Aggarwal, Pramod K.; Jarvis, Andy; Campbell, Bruce M.; Zougmore, Robert B.; Khatri-Chhetri, Arun; Vermeulen, Sonja J.; Loboguerrero, Ana Maria; Sebastian, Leocadio S.; Kinyangi, James; Bonilla-Findji, Osana; Radeny, Maren; Recha, John; **Martinez-Baron, Deissy**; Ramirez-Villegas, Julian; Huyer, Sophia; Thornton, Philip; Wollenberg, Eva; Hansen, James; Alvarez-Toro, Patricia; Aguilar-Ariza, Andrés; Arango-Londoño, David; Patiño-Bravo, Victor; Rivera, Ovidio; Ouedraogo, Mathieu; Yen, Bui Tan. 2018. [The climate-smart village approach: framework of an integrative strategy for scaling up adaptation options in agriculture](#). *Ecology and Society* 23(1): 14.
- Loboguerrero Rodriguez AM, Hansen J, Baethgen WE, **Martinez Baron D.** 2017. [Climate services and insurance: scaling climate smart agriculture](#). *Agriculture for Development* 30:31-34.
- Loboguerrero, A. M., & **Martínez Barón, D.** (2017). [Climate-Smart Agriculture across scales in Latin America](#). *Agriculture for Development* 30:10-11.
- Sain, Gustavo; Loboguerrero, Ana María; Corner-Dolloff, Caitlin; Lizarazo, Miguel; Nowak, Andreea; **Martínez-Barón, Deissy**; Andrieu, Nadine. 2016. [Costs and benefits of climate-smart agriculture: The case of the dry corridor in Guatemala](#). *Agricultural Systems* 11 p.
- Lizarazo M, Corner-Dolloff C, Nowak A, Loboguerrero AM, Rojas E, Mejía M, Sain G, **Martinez D**, Andrieu N, Howland F, Bonilla O, Jarvis A. 2016. [Priorizando inversiones en agricultura sostenible adaptada al clima en Guatemala \(Prioritizing investments in climate-smart agriculture\)](#). Cali, Colombia: Programa de Investigación de CGIAR en Cambio Climático, Agricultura y Seguridad Alimentaria (CCAFS).
- Castro Colina L, Sova CA, **Martinez Baron D**, Saravia, D. 2016. [Mapeo de la influencia de los actores sociales de diferente nivel para Centroamérica: cambio climático y agricultura \(Multi-stakeholder analysis across levels for Central America: climate change and agriculture\)](#). Documento de Trabajo CCAFS No. 87. Copenhagen, Dinamarca: Programa de investigación de CGIAR en Cambio Climático, Agricultura y Seguridad Alimentaria (CCAFS).
- Veeger M, Vervoort J, **Martinez D**, De Leon F, Paniagua F. 2015. [Shifting the paradigm: Narratives of the future guide the development Costa Rica's INDC](#). Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).
- Tafur M, Gumucio T, Twyman J, **Martinez D**, Muriel J. 2015. [Avances en la inclusión de intereses y necesidades de mujeres rurales en políticas públicas agropecuarias y de cambio climático: el caso de Colombia \(Advances on rural women interests and needs in agricultural and climate change policies: Colombian case\)](#). Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).
- Tafur M, Gumucio T, Turin C, Twyman J, **Martinez D.** 2015. [Género y Agricultura en el Perú: Inclusión de intereses y necesidades de hombres y mujeres en la formulación de políticas públicas \(Gender and agriculture in Peru: Inclusion of men and women needs and interest in public policy formulation\)](#).

Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).

- Kissinger G, Sova C, Allassane B, Maïga IA, Benefor DT, Nutsukpo DK, Ky-Zerbo AZ, Roth-Liehou C, King'uyu SM, Orindi V, Rojas E, Rivera JL, Mishra JP, Singh R, Joshi PK, Kinyangi J, Aggarwal P, Zougmore R, Sebastian LS, **Martínez D**, Neufeldt H, Twyman J, Bonilla-Findji O, Jarvis A. 2014. [Climate adaptation and agriculture: Solutions to successful national adaptation plans](#). Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).
- Loboguerrero Rodriguez AM, **Martínez Barón D**, Urrea JL, eds. 2014. [Herramientas y Métodos para la Planeación y Toma de Decisiones en Agricultura y Cambio Climático](#) (*Tools and methods for planning and decision making in agriculture and climate change*). Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS).
- Schuetz T, Förch W, Thornton P, Wollenberg L, Hansen J, Jarvis A, Coffey K, Bonila-Findji O, Loboguerrero Rodriguez AM, **Martínez Barón D**, Aggarwal P, Sebastian L, Zougmore R, Kinyangi J, Vermeulen S, Radeny M, Moussa A, Sajise A, Khatri-Chhetri A, Richards M, Jost C, Jay A. 2014. [Learning Brief: Lessons in Theory of Change from a Series of Regional Planning Workshops](#). Learning Brief # 11. Copenhagen, Denmark: CGIAR Research Program on climate Change, Agriculture and Food Security (CCAFS).
- Sandoval, Palencia, & **Martínez** (2009). Pobreza y Delincuencia Departamental en Colombia 2003-2007 (*Poverty and Regional Delinquency in Colombia 2003 - 2007*). Revista Facultad de Ciencias Económicas.
- Palencia, Sandoval & **Martínez** (2008). Dependencia Espacial de la Delincuencia Departamental en Colombia 2003-2007 (*Spatial dependence of Regional Delinquency in Colombia 2003-2007*). Anales. Asociación Argentina de Economía Política. ISSN 1852-0022.
- Sandoval, L. & **Martínez, D.**, (2006). “Una Revisión al estudio de la Delincuencia y Criminalidad” (*A review on delinquency and criminality*). [Revista Facultad de Ciencias Económicas: Investigación y Reflexión](#). Vol. XVI. No.1. June. 2008. Universidad Militar Nueva Granada. ISSN 0121-6805