

JOSE MARIA MARTINEZ

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[Google Scholar](#), [ORCID](#), [ResearchGate](#).

EDUCATION

- 2025 **Ph.D. in Agricultural, Food, and Resource Economics**,
Michigan State University (East Lansing, MI, USA)
Committee: M. Maredia (Chair), Jeffrey Wooldridge, David Ortega, Saweda Liverpool-Tasie.
- 2016 **M.Sc. in Applied Economics**,
Universidad del Valle (Cali, Colombia)
- 2014 **B.A. (Hons.) in Economics**,
Universidad del Valle (Cali, Colombia)

INTERESTS: Agricultural development; Applied econometrics; Development economics; Agricultural policy; Welfare economics; Climate change; Empirical methods for field research.

RESEARCH AND PROFESSIONAL EXPERIENCE

- 2021–2025 **Graduate Research Assistant**, Michigan State University,
Department of Agricultural, Food, and Resource Economics,
East Lansing, MI.
- 2018–2021 **Research Fellow**, AGROSAVIA – Colombian Corporation of Agricultural Research,
Palmira Research Center,
Cali, Colombia.
- 2019–2020 **Visiting Scholar**, Michigan State University,
Visiting International Professional Program & AFRE,
East Lansing, MI.
- 2019 **Project Leader**, Universidad del Valle,
Office of Extension and Outreach & Economics Department,
Cali, Colombia.
- 2014–2018 **Research Associate**, Alliance of Bioversity International & CIAT,
Applied Economics Lab,
Cali, Colombia.

TEACHING EXPERIENCE

- Spring, **Instructor of Record**, Michigan State University,
Summer & *Department of Agricultural, Food, and Resource Economics*,
Fall 2024 Course: World Food, Population, and Poverty (AFRE 206),
East Lansing, MI.
- Fall 2023 **Teaching Assistant**, Michigan State University,
Department of Agricultural, Food, and Resource Economics,
Course: World Food, Population, and Poverty (AFRE 206),
East Lansing, MI.

2017–2020 **Adjunct Professor**, Universidad Autónoma de Occidente,
Economics Department,
Courses: Econometrics II, Microeconomics III (Welfare Economics & General Eq.),
Cali, Colombia.

2017 **Adjunct Professor**, Universidad del Valle,
Economics Department,
Course: Econometric Methods for Impact Evaluation,
Cali, Colombia.

SKILLS

Software abilities: STATA, \LaTeX , RStudio (*basic*), Q-GIS (*basic*).

Languages: English (*Fluent, CEFR C2*), Spanish (*Native*).

PEER-REVIEWED PUBLICATIONS

2025 [Sweating Bullets: Heat, High-Stakes Evaluations, and the Role of Incentives](#),
Environmental and Resource Economics, (First View, 1-39).
(**Martínez, J.M.**, Zuluaga, V., and Buriticá, A.)

[Adoption without Gains, and Vice-Versa: Exploring the Disconnect Between Improved Bean Varieties and Yield in Central America and Haiti through the Lens of Seed Systems](#),
Agricultural Systems, 230: 104447
(Reyes, B., Maredia, M. **Martínez, J.M.**, Gomez, L., Rosas, J.C., and Miranda, A.)

2023 [Market participation of small-scale rice farmers in Eastern Bolivia](#),
Journal of Agricultural and Applied Economics, 55(3): 471-491.
(Lopera, D.C., González, C., and **Martínez, J.M.**)

[Impacts of the joint adoption of improved varieties and chemical fertilizers on rice productivity in Bolivia: Implications for Global Food Systems](#),
Frontiers in Sustainable Food Systems, 7: 1194930.
(**Martínez, J.M.**, Labarta, R.A., and González, C.)

2022 [Potato farming in Southwest Colombia: Types of farmers and their technical efficiency](#),
Ciencia y Tecnología Agropecuaria, 23(2): e2236.
(**Martínez, J.M.**, Tarazona, R., Martínez-Pachón, E., and Ramos-Zambrano, H.S.)

2021 [Joint adoption of rice technologies among Bolivian farmers](#),
Agricultural and Resource Economics Review, 50(2): 252-272.
(**Martínez, J.M.**, Labarta, R.A., Gonzalez, C., and Lopera, D.C.)

[Multivariate analysis of the adoption of cacao productive technologies: Evidence from a case study in Colombia](#),
Economía Agraria y Recursos Naturales, 21(1): 79-102.
(**Martínez, J.M.**, and Martínez-Pachón, E.)

[Sensory dimensions of peach-palm fruit \(*Bactris gasipaes*\) and implications for future genetics](#),
Agronomía Mesoamericana, 32(1): 77-92.
(**Martínez, J.M.**, Moreno-Caicedo, L.P., and Loaiza-Loaiza, O.)

[Measuring the effect of long-term pitfall trapping on the prevalence of epigeal arthropods: A case study in the Pacific Coast of Colombia](#),
Sociobiology, 68(2): e5928.
(**Martínez, J.M.**, Tarazona, R., Löhr, B., and Narváez, C.A.)

- 2018 [Household determinants of the adoption of improved cassava varieties using DNA fingerprinting to identify varieties in farmer fields: A case study in Colombia](#), *Journal of Agricultural Economics*, 69(2): 518-536.
(Floro, V.M., Labarta, R.A., Becerra, L.A., **Martinez, J.M.**, and Ovalle, T.M.)

ONGOING RESEARCH PROJECTS

[Impact of Introduced Pastures in Colombian Lowland Ranching](#),
[Conditionally accepted, *Agricultural Economics*]
(**Martinez, J.M.**, Labarta, R., and Maredia, M.)

Brewing Sustainability: The Need for Increased Agricultural R&D Investments in the Global Coffee Sector,
[Under Review, *World Development Sustainability*] [[White Paper Version](#)]
(Maredia, M., and **Martinez, J.M.**)

SERVICE

- 2023–2024 **President, Graduate Student Organization**,
Michigan State University, *Department of Agricultural, Food, and Resource Economics*.
- 2023–2024 **Student Representative in the Graduate Policy Committee**,
Michigan State University, *Department of Agricultural, Food, and Resource Economics*.
- 2018–Current **Subject Editor in Agricultural Economics and Rural Development**,
Ciencia y Tecnología Agropecuaria, *Journal edited by AGROSAVIA, Colombia*.
- 2020–2021 **Alumni Representative in the Undergraduate Policy Council**,
Universidad del Valle (Colombia), *Economics Department*.
- 2019–2021 **President & Liaison, Inter-Network Innovation Committee**,
AGROSAVIA, *Palmira Research Center*.
- Referee Service: Journals and Conferences**, *Agricultural Economics*, *Agricultural and Resource Economics Review*, *Journal of Agricultural and Applied Economics*, *Ciencia y Tecnología Agropecuaria*, *Revista Agronomía Colombiana*; 2025 & 2024 AAEA Annual Meeting, 2024 ICAE Conference.

AWARDS AND RECOGNITION

- 2025 **Outstanding Graduate Student Instructor Award**,
Michigan State University, *Department of Agricultural, Food, and Resource Economics*.
- 2025 **CANR Dissertation Completion Fellowship**,
Michigan State University, *College of Agriculture and Natural Resources*.
- 2021 **Sustainable Michigan Endowed Project (SMEP) Ph.D. Fellowship**,
Michigan State University, *College of Agriculture and Natural Resources*.
- 2019 **Norman E. Borlaug International Research Fellowship**,
United States Department of Agriculture, *Foreign Agricultural Service*.
- 2016 **Outstanding Masters' Thesis Award**,
Universidad del Valle (Colombia), *Economics Department*.
- 2010-2014 **Outstanding Academic Performance Full Scholarship**, [All undergraduate semesters]
Universidad del Valle (Colombia), *Economics Department*.

CONFERENCE PRESENTATIONS

- 2025 **Grinnell College - Economics Department Seminar**,
Grinnell, IA.
- Université Mohammed VI Polytechnique - Faculty of Governance, Economics and Social Sciences Seminar**,
Rabat, Morocco. *(Online)*
- Universidad del Pacífico - Economics Department Seminar**,
Lima, Perú. *(Online)*
- Pontificia Universidad Javeriana - Economics Department Seminar**,
Bogotá, Colombia. *(Online)*
- Southern Agricultural Economics Association Annual Meeting**,
Irving, TX.
- 2024 **AAEA Annual Meeting**,
New Orleans, LA.
- 32nd International Conference of Agricultural Economists**,
New Delhi, India.
- Latin American Section of the AAEA Webinar/Workshop Series**,
Las Cruces, NM. *(Online)*
- AERE Summer Conference**,
Washington, D.C.
- 2023 **University of Houston, Economics Student Brown Bag Seminar**,
(Virtual) Houston, TX.
- MSU AFRE Graduate Student Research Symposium**,
East Lansing, MI.
- 2017 **VIII Bolivian Conference of Development Economics**,
Cochabamba, Bolivia.
- 2015 **29th International Conference of Agricultural Economists**,
Milan, Italy.

ASSOCIATION MEMBERSHIPS

American Economic Association (AEA), Agricultural & Applied Economics Association (AAEA), International Association of Agricultural Economists (IAAE), Southern Agricultural Economics Association (SAEA).

REFERENCES

Mywish K. Maredia,
Professor,
Department of Agricultural, Food, and
Resource Economics,
Michigan State University.
maredia@msu.edu

Nicole Mason-Wardell,
Associate Chairperson and Assoc. Prof.,
Department of Agricultural, Food, and
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Michigan State University.
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Department of Economics,
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