

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)

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, Summer & Fall 2024 **Instructor of Record**, Michigan State University,
Department of Agricultural, Food, and Resource Economics,
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, $\text{\LaTeX}$, RStudio (*basic*), Q-GIS (*basic*).

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

PEER-REVIEWED PUBLICATIONS

2025 [Impact of Introduced Pastures in Colombian Lowland Ranching](#),
Agricultural Economics, Published online, 1-19.
(**Martinez, J.M.**, Labarta, R., and Maredia, M.)

[Sweating Bullets: Heat, High-Stakes Evaluations, and the Role of Incentives](#),
Environmental and Resource Economics, Published online, 1-39.
(**Martinez, 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. **Martinez, 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 **Martinez, 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.
(**Martinez, 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.
(**Martinez, 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.
(**Martinez, 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.
(**Martinez, 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.
(**Martinez, 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.
(**Martinez, 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

Quantifying Agricultural R&D Investment Gaps in the Global Coffee Sector,
Revise and Resubmit (minor revisions), *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,
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Resource Economics,
Michigan State University.
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Department of Agricultural, Food, and
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