

Claudia V. Montanía

(updated: 11/29/2023)

PROFESSIONAL EXPERIENCE

- October 2023-Present** **Economic Impact Analyst**, Department of Agricultural & Resource Economics, Cooperative Extension, University of Arizona, United States.
- April 2022-September 2023** **Research Associate**, United Nations Development Programme Accelerator Labs, Asunción, Paraguay.
- May 2021-March 2022** **Data Analyst**, United Nations Development Programme Accelerator Labs, Asunción, Paraguay
- August 2020-April 2021** **Research Assistant**, United Nations Development Programme Accelerator Labs, Asunción, Paraguay.
- October 2020-October 2021** **Affiliated Researcher**, Regional Economics Applications Laboratory (REAL), University of Illinois at Urbana Champaign, United States.
- February 2011-July 2015** **Academic Consultant**, Multidisciplinary Organization for support of Teachers and Students (OMAPA), Asunción, Paraguay.

EDUCATION

- 2019** Ph.D. in Economics and Business, University of Extremadura, Spain. Advisors: Miguel Ángel Márquez and María Teresa Fernández. Title: *Three essays about the international trade of soybeans and techniques of growth analysis.*
- 2019** Visiting-Scholar at the Regional Economics Applications Laboratory, University of Illinois at Urbana-Champaign, United States.
- 2016** M.Sc. in Research of Economics, Management and International Trade, University of Extremadura, Spain.
- 2015** B.A. in Marketing, Polytechnic School, National University of Asunción, Paraguay.

TEACHING EXPERIENCE

Latin American Faculty of Social Sciences, Asunción, Paraguay.

- Quantitative Methods in Social Sciences for students in the Master Degree in Social Sciences Program (1 course, March 2021-May 2021) – 30 graduate students.

Contents: Statistical Methods and Data Analysis.

Multidisciplinary Organization for support of Teachers and Students, Asunción, Paraguay

- Scientific Initiation for undergraduate Young Talents with emphasis in Mathematics: Geometry, Algebra, Number Theory and Combinatory (10 courses, Dec 2011-Jan 2020) – 70 undergraduate students.

Contents: Introduction to Geometric Proofs, Induction principle, Inequalities, Diophantine equations, Linear congruence, Elementary enumeration principles, Graph theory.

SCHOLARSHIPS AND GRANTS

1. Identifying the key international supply-chain linkages in the output and water consumption growth of the agriculture and food sectors, USDA ERS/Cornell/Colorado State ASTAR program, 2022-2024: with S. Dall'erba, A. Franco Solis and D. Bock, co-PI, USD \$96,136.
2. Level I Researcher, categorized by the National Incentive Program for Researchers of Paraguay (PRONII), 2022-2024.
3. Scholarship of the "Program for the Connection of Scientists and Technologists" of the National Committee of Science and Technology of Paraguay (CONACYT in Spanish), 2019-2020. Scholarship amount: USD \$5,000.
4. Scholarship of the "Ibero-American Postgraduate University Association" (AUIP in Spanish) to study a Master's degree at the University of Extremadura, 2015-2016. Scholarship amount €10,800.
5. Scholarship for outstanding student at the Polytechnic School, National University of Asunción, 2012-2014. Scholarship amount: USD \$1,000.

ACADEMIC PUBLICATIONS

Peer-reviewed journal articles:

1. **Montanía, C.V.**, Márquez, MA., and Fernández-Núñez, T. (2023). [Toward a more comprehensive shift-share analysis: an illustration using regional data](#). *Growth and Change*.
2. Setrini, G., Mongelós, T., Hernández, G., Ovando, F., **Montanía, C.V.**, Parra, C., Ríos, M., Recalde, M. (2023). [What are the main barriers to formalizing paid domestic work? Lessons from Paraguay](#). *Development Futures Series*. United Nations Development Programme.
3. **Montanía C.V.**, and Dall'erba S. (2022). [Multi-Dynamic interregional Input-Output Shift-Share: model, theory and application](#), *Economic Systems Research*.
4. **Montanía, C.V.**, Parra, C., Setrini, G., and Ríos, M. (2021). [Social capital in Paraguay: an asset to combat vulnerability during the COVID-19 pandemic?](#) *Development Futures Series*. United Nations Development Programme.

5. Franco, A. and **Montanía, C.V.** (2021). [Dynamics of deforestation worldwide: A Structural Decomposition Analysis of Agricultural Land Footprint in South America](#). *Land Use Policy*.
6. **Montanía, C.V.**, Fernández-Núñez, M.T., and Márquez, M.A. (2021). [The role of the leading exporters in the soybean global trade](#). *Agricultural Economics Czech Republic*.
7. **Montanía, C.V.**, Márquez, M.A., Fernández-Núñez, T., & Hewings, G.J. (2020). [Spatial shift-share analysis: Some new developments](#). *Papers in Regional Science*.

Submitted or in preparation:

1. **Montanía, C.V.**, Franco, A., and Vázquez, E. (2023). The mismatch between pro-independence feelings and the economic impacts of a secession: a study for the region of Catalonia.
2. Lasarte-Navamuel, E., Pérez-Rivero, J., and **Montanía, C.V.** (2023). Regional Philips Curve from Spain and price convergence: an empirical analysis with spatial dependence.
3. **Montanía, C.V.**, Dall'erba, S., and Franco, A. (2023). Environmental multi-dynamic interregional input-output shift-share model: an application to water-use in agricultural sectors.
4. Dall'erba S., **Montanía, C.V.**, and Franco, A. (2023). Dynamics of the agrifood sector in North America: key supply chain linkages and water use

Other academic publications

Conference papers

1. Frutos, P., Dominguez, D., Noguera, E., Parra, C., **Montanía C.V.**, Cernuzzi, L. [The Role of ICTs in the Management of Citizen Initiatives led by Women from Vulnerable Communities of Bañado Sur de Asunción During COVID-19](#). XIV Congress of Latin American Women in Computing 2022, October 17–21, 2022, Armenia, Colombia

Technical reports

1. Parra, C., Lima, P., **Montanía, C.V.**, Ríos, M., Caballero, C., Maidana, F., Figueredo, A., Vuyk, C., Gonzalez, R., Prieto, V., Canese, M., Cañete, V., Alcaraz, E., Reyes, G., Pérez, A., Genit, D., Sarquis, S. [En la búsqueda del Tavarandu: Aprendizajes sobre Innovación Pública y Gobernanza Participativa en Gobiernos Locales](#). Asunción, Paraguay. 67 p.
2. **Montanía, C.V.**, Ríos, M., Parra, C., Lima, P., Maricevich, P., Riera, F., Boccia, B. CAE/UNDP 2023. [Toolkit comunitario: ¿Cómo hacer un diagnóstico sectorial de las MIPYMES de una economía local para entender su oferta de servicios y sus principales necesidades?](#) Asunción, Paraguay. 53 p.
3. Vuyk, C., Gonzalez, R., Prieto, V., Canese, M., Parra, C., **Montanía, C.V.**, Setrini, G., Ríos, M., UNDP 2023. [Gobernanza Participativa en Paraguay](#). Asunción, Paraguay. 53 p.
4. Vuyk, C., Gonzalez, R., Prieto, V., Canese, M., Parra, C., **Montanía, C.V.**, Ríos, M., Setrini, G. UNDP 2023. [Hechakuaa - diseño democrático y participativo de innovaciones locales para el desarrollo sostenible](#). Asunción, Paraguay. 21 p.
5. Escobar, C., **Montanía, C.V.**, Setrini, G., Parra, C., Garicoche, J., Ríos, M., Giménez, AL. UNDP 2023. [¿Cómo influye el acceso a alimentos frescos y nutritivos en la diversidad de la dieta de los hogares paraguayos?](#). Asunción, Paraguay. 38 p.
6. Ovando, F., Hernández, G., Mongelós, T., Setrini, G., **Montanía, C.V.**, Parra, C., Ríos, M., Recalde, M., García, G., Garcete, A., Silvero, F. UNDP 2022. [Experimentando la formalización](#). Asunción, Paraguay. 47 p.

7. Torales, E., Gauto, C., Setrini, G., **Montanía, C.V.**, Ríos, M., Parra, C., Garicoche, J., Giménez, AL. UNDP 2022. [Confecionando calidad textil en Yaguarón](#). Asunción, Paraguay. 32 p.
8. **Montanía, C.V.**, Parra, C., Setrini, G., and Ríos, M. UNDP, 2022. [Dignificando el reciclaje a través de la confianza mutua](#). Asunción, Paraguay. 69 p.
9. Mongelós, T., Hernández, G., Ovando, F., Setrini, G., **Montanía, C.V.**, Ríos, M., Parra, C., Recalde, M., Montt, G. MTESS/UNDP, 2022. [Paid domestic work and the labor market in Paraguay: A diagnosis of the barriers to employment formalization](#). Asunción, Paraguay. 50 p.
10. Setrini, G., Hernández, G., **Montanía, C.V.**, Ovando, F., Ríos, M., Parra, C., Recalde, M., Montt., G. MTESS/UNDP. 2022. [The Meaning of Social Security Among Workers in the Construction Industry](#). Working paper AcCLab UNDP. Asunción, Paraguay. 26 p
11. **Montanía, C.V.**, Parra, C., Setrini, G., and Ríos, M. UNDP, 2022. [El Capital Social durante la pandemia en Paraguay](#). Asunción, Paraguay. 46 p.
12. Ovando F., **Montanía, C.V.**, Parra, C., Setrini, G., Ríos, M., Recalde, M., Montt, G. MTESS/UNDP. 2022. [Construyendo conocimiento y conciencia sobre derechos](#). Asunción, Paraguay. 34 p.
13. Setrini, G., Parra, C., Ríos, M., Hernández-Rivas, G., Ovando, F., **Montanía, C.V.**, Recalde, M., and Morínigo, G. (2021). [Muros informales: Diagnóstico del empleo informal en la cadena de la construcción del Área Metropolitana de Asunción](#). *Laboratorio Participativo para la Formalización del Empleo en Paraguay*. Asunción, Paraguay.

Academic blogs

1. [In the search of Tavarandu: what we did and learned about participatory governance](#) with Cristhian Parra, Patricia Lima, Mónica Ríos, and Cecilia Vuyk. *PNUD Paraguay*. Sept. 18, 2023.
2. [¿Qué nos puede decir un censo sobre tres clústeres de confección en el país? ¿Y por qué es importante conocer los datos?](#) with Denise Genit, Patricia Lima, Gustavo Setrini, Mónica Ríos, and Cristhian Parra. *PNUD Paraguay*. Jul. 5, 2023.
3. [¿Qué aprendimos con el mapeo de las MIPYMES de Encarnación y San Lorenzo?](#) with Denise Genit, Patricia Lima, Cristhian Parra, and Mónica Ríos. *PNUD Paraguay*. Jun. 16, 2023
4. [Buenas prácticas para mejorar la productividad local](#) with Denise Genit, Patricia Lima, Cristhian Parra, and Mónica Ríos. *PNUD Paraguay*. Apr. 17, 2023.
5. [Producción flexible: una apuesta para fortalecer a pequeños talleres de confeccionistas de Yaguarón](#) with Patricia Lima, Gustavo Setrini, Mónica Ríos, Cristhian Parra, Eva Torales, Carmen Gauto, Jorge Garicoche, and Ana Lucía Giménez. *PNUD Paraguay*. Apr. 14, 2023.
6. [Data to drive the development of the garment sector](#) with Georgina Hernández, Fernando Ovando, Gustavo Setrini, Cristhian Parra, Mónica Ríos and Marisol Jara Hüttemann. *PNUD Paraguay*. Dec. 7, 2022.
7. [Studying of Positive Deviance to drive state and public service reforms](#) with Gustavo Setrini, Mónica Ríos, and Cristhian Parra. *PNUD Paraguay*. Dec. 7, 2022.
8. [Reciclaje y confianza: el impacto de "Mi Barrio Sin Residuos"](#) with Cristhian Parra, Claudia Florentín, Alejandra Kemper, Mónica Ríos, Gustavo Setrini, and Marisol Jara Hüttemann. *PNUD Paraguay*. Oct. 22, 2022.
9. [In Their Own Voice: Understanding Domestic Work from the Perspective of Workers' Experiences](#) with Georgina Hernández, Tannya Mongelós, Fernando Ovando, Gustavo Setrini, Mónica Recalde, Mónica Ríos, and Cristhian Parra. *PNUD Paraguay*. Aug. 25, 2022.

10. [Barriers to the formalization of domestic work from the point of view of those who hire them](#) with Fernando Ovando, Tannya Mongelós, Georgina Hernández, Gustavo Setrini, Mónica Recalde, Cristhian Parra, and Mónica Ríos. *PNUD Paraguay*. Aug. 18, 2022.
11. [Mapping social capital, economic vulnerability, and collective action in times of COVID 19 - Part II](#) with with Cristhian Parra, Gustavo Setrini, and Mónica Ríos. *PNUD Paraguay*. May. 26, 2022.
12. [The meaning of social security from the perspective of construction workers](#) with Georgina Hernández, Fernando Ovando, Gustavo Setrini, Mónica Recalde, Cristhian Parra, and Mónica Ríos. *PNUD Paraguay*. Apr. 21, 2022.
13. [Mapping social capital, economic vulnerability, and collective action in times of COVID-19 - Part 1](#), with Cristhian Parra, Gustavo Setrini, Mónica Ríos, and Marcos Martínez Sugastti. *PNUD Paraguay*. Dec. 1, 2021.
14. [Domestic work: a challenge and a learning agenda for Paraguay](#) with Gustavo Setrini, Tannya Mongelós, Georgina Hernández, Fernando Ovando, Cristhian Parra, and Mónica Ríos. *PNUD Paraguay*. Oct. 13, 2021.
15. [Un día en la vida de los recicladores de base del Barrio San Francisco - Parte II](#) with Cristhian Parra, Mónica Ríos y Gustavo Setrini. *PNUD Paraguay*. Sept. 1, 2021.
16. [A day in the life of Asuncion's waste pickers - Part I](#) with Cristhian Parra, Mónica Ríos, Gustavo Setrini, and Alejandra Balbuena. *PNUD Paraguay*. Aug. 4, 2021.
17. [Informal Barriers: An initial diagnosis of informal employment in the construction sector from LabMTESS](#) with Gustavo Setrini, Cristhian Parra, Mónica Ríos, Georgina Hernández Rivas, Fernando Ovando, Mónica Recalde, and Giselle Morínigo. *PNUD Paraguay*. Apr 30, 2021.
18. [Prototyping a new generation of Eco-Friendly Wastebaskets](#) with Cristhian Parra, Mónica Ríos, Gustavo Setrini, and Alejandra Acuña Balbuena. *PNUD Paraguay*. Apr 9, 2021.
19. [Recycling as a collective action dilemma: how can we address recycling challenges in Asuncion?](#) with Cristhian Parra, Gustavo Setrini, Mónica Ríos, and Alejandra Acuña Balbuena. *PNUD Paraguay*, Mar 25, 2021

News Articles

1. [New research identifies the most important global supply chain linkages](#), College of Agricultural, Consumers and Environmental Sciences, UIUC, Feb 23, 2021
2. [New research identifies the most important global supply chain linkages](#), Florida News Time Feb 24, 2021.

REFeree

Referee for: Economic Systems Research, Papers in Regional Science, Agricultural Economics (Czech), North American Regional Science Council (NARSC) student paper competition.

CONFERENCES

- 70th North American Meetings of the Regional Science Association International and the XVII Spatial Econometrics Association (SEA) World Conference. Nov. 2023
- Seminario LALICS 2023 "Los nuevos enfoques de la innovación para alcanzar el desarrollo sustentable e inclusivo". Jun. 2023
- 60th ERSA Congress: Territorial Futures- Visions and scenarios for a resilient Europe. Aug. 2021
- REAL, UIUC, Jun. 2020
- III Seminar for New Academic Researchers, Spain, Oct. 2019
- REAL, UIUC, Jun. 2019
- REAL, UIUC, May. 2019
- III Seminar for New Academic Researchers, Spain, Oct. 2018
- Conference in Business Analytics in Finance and Industry, Chile, 2019.
- Conference on Computational Interdisciplinary Science, Paraguay, 2014

LANGUAGES

Spanish (Native), Guarani (Native), English (Fluent).