

# Adrian Vargas-Lopez, PhD

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## ----- EDUCATION

- Leibniz Universität Hannover, Institute for Environmental Planning** 2022 - 2025  
 PhD in Environmental Behaviour, Policy and Planning  
 Behavioural Aspects of Environmental Planning Professorship
- Tecnologico de Monterrey, School of Government and Public Transformation** 2021  
 PhD in Public Policy  
 Thesis: *Essays in Diffusion of Responsibility, Food Waste and Mobility Alternatives*  
 Advisors: Luis Serra Barragan (main), Edmundo Molina-Perez, Adan Silverio-Murillo
- Tilburg University, Economics Department** 2017  
 MSc in Economics with Specialization in Behavioural Economics  
 Thesis: *The picture superiority effect and social norms on waste sorting, an experimental approach*  
 Advisors: Boris van Leeuwen (main), Daan van Soest
- Tecnologico de Monterrey, Economics Department** 2014  
 BA in Economics

## ----- RESEARCH INTERESTS

Behavioural & experimental economics, pro-environmental behaviours, environmental interventions.

## ----- PUBLICATIONS

### Peer-Reviewed Journals

**Vargas-Lopez, A.**, Cicatiello, C., Principato, L. Secondi, L. (2021). *Consumer expenditure, elasticity, and value of food waste: A Quadratic Almost Ideal Demand System for evaluating changes in Mexico during COVID-19*. Socio-Economic Planning Sciences. 101065. <https://doi.org/10.1016/j.seps.2021.101065>

### Conference Proceedings

Marchetti, S., Secondi, L., and **Vargas-Lopez, A.** (2022). *Comparison of Two Different Approaches to Measure Economic Access to Food and Insecurity: An Application to Mexican Data*. 51<sup>st</sup> Scientific Meeting of the Italian Statistical Society, Book of Short Papers. Caserta, June 22-24, 2022.

**Vargas-Lopez, A.**, Secondi, L. (2022). *Household Consumption and Food Insecurity in Mexico: Covid-19 and Sustainable Development*. Proceedings of Innovation and Society 5.0: Statistical and Economic Methodologies for Quality Assessment. Session: Monitoring progress towards SDGs: statistical approaches and methods for measuring poverty, inequalities and food (in)security. January 27-28, 2022.

## ----- SELECTED WORK IN PROGRESS

The use of the Theory of Planned Behaviour as a Conceptual Framework to Understand and Promote Health Recommendations During the First Wave of Covid-19 in Mexico City (*Under review*)  
 with Nuria Alvarez, Enrique Caceres, Manuel Garcia, Josafat Hernandez, Lidia Lopez and Pablo Soto-Mota

Corporate Car-sharing, pro-environmental behaviours, and spillover effects  
 with Pablo Soto-Mota

## ----- RESEARCH EXPERIENCE

|  |                     |
|--|---------------------|
| Tecnologico de Monterrey<br>School of Government and Public Transformation<br><b>Postdoctoral Researcher</b>   | Feb 2022 – May 2022 |
| National Public Policy Lab at the Center for Research and Teaching in Economics (LNPP   CIDE)<br>Innovation, Behavioural and Experimentation Unit (UCEX)<br><b>Behavioural Economist</b> | Apr 2018 – Aug 2018 |
| Center for Latin American Monetary Studies (CEMLA)<br>Public Debt Programs Coordination (PDP)<br><b>Economist</b>  | Jun 2015 – Aug 2016 |
| Tecnologico de Monterrey<br>School of Government and Public Transformation<br><b>Research Assistant</b> for Carlos Manuel Urzua  | Jun 2012 – Mar 2013 |

## ----- CONFERENCES, SEMINARS, AND LECTURES

|   |          |
|---|----------|
| Behavioural Economics and Public Policy, Tecnologico de Monterrey ( <i>guest lecture – online</i> )   | Nov 2021 |
| Bergen International Student Conference 2021: From crisis to action, Bergen University ( <i>paper presentation – online</i> )                       | Mar 2021 |
| 51 Research and Development Congress, Tecnologico de Monterrey ( <i>research pitch – online</i> )   | Jan 2021 |
| IX International Conference on Philosophy of Law, Universidad Nacional Autonoma de Mexico ( <i>conference – online</i> )                            | Dec 2020 |
| School of Government and Public Transformation, Tecnologico de Monterrey ( <i>seminar – online</i> )  | Dec 2020 |
| Behavioural Economics and Public Policy, Tecnologico de Monterrey ( <i>guest lecture – online</i> )   | Nov 2020 |
| Decision Making Under Deep Uncertainty (DMDU), Annual Meeting of the Society for DMDU ( <i>paper presentation – online</i> )                        | Nov 2020 |
| Behavioural Economics and Public Policy, Center for Research and Teaching in Economics ( <i>guest lecture – online</i> )                            | Nov 2020 |
| National Public Policy Lab (LNPP), Center for Research and Teaching in Economics ( <i>paper presentation – online</i> )                             | Oct 2020 |
| Playing with the economy, finances, and public policy, Tecnologico de Monterrey ( <i>conference</i> )   | Oct 2019 |
| School of Methods, National Public Policy Lab ( <i>presentation</i> )   | Jun 2019 |
| Feeding the city or the feeding city? AESOP Sustainable Food Planning - AESOP PhD Workshop in Almere, the Netherlands ( <i>paper presentation</i> ) | Mar 2019 |

## ----- SCHOLARSHIPS AND AWARDS

|   |             |
|---|-------------|
| CONACYT, Scholarship – Stipend – \$ 31,500 (USD)                  | 2018 - 2021 |
| Tecnologico de Monterrey, Scholarship – Tuition – \$ 46,800 (USD) | 2018 - 2021 |
| Entailment Award, Tecnologico de Monterrey                        | 2014        |

## ----- RESEARCH GRANTS

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|--|------|
| School of Government and Public Transformation, Tecnologico de Monterrey<br>Research Grant – BEErual Lab <i>with Pablo Soto-Mota and Giuliana Triberti</i><br>\$ 4,100 (USD) | 2021 |
| Centre for Ethics and Economics, Norwegian School of Economics<br>Research Grant <i>with Pablo Soto-Mota</i><br>\$ 5,520 (USD)   | 2021 |

----- **REFEREE SERVICE**

Socio-Economic Planning Sciences (7), SN Business & Economics (5), Resources, Conservation & Recycling (2),  
Revista Ensayos de Economía (1)

----- **MEMBERSHIP**

Latin American Association of Environmental and Resource Economists (LAERE)  
European Association of Environmental and Resource Economists (EAERE)

----- **TEACHING EXPERIENCE**

**Course Design**

**Tecnologico de Monterrey, School of Social Sciences & Government** Aug 2021 – Nov 2021  
Undergraduate Course: Experiments and causal inference for public policy  
*with Grissel Olivera-Martínez*

**Tecnologico de Monterrey, Economics Department** Aug 2019 – Dec 2019  
Primary instructor, Microeconomics (undergraduate)

----- **NON-ACADEMIC PROFESSIONAL EXPERIENCE**

National Council for the Evaluation of Social Development Policy May 2014 – May 2015  
(CONEVAL)  
Head of Department (OC2) – Monitoring of Federal Social Programs

Scotiabank Mar 2013 – May 2014  
Basel and Risk Consultant – Risk Management

----- **CONSULTING (SELECTED)**

World Wildlife Fund (WWF), Mexico Dec 2021  
Pilot on Corporate Carsharing based on Behavioural Economics for Renault

Center for Latin American Monetary Studies (CEMLA), Mexico Apr 2018  
Final Report of the PDP 2017

Insitum, Mexico Mar 2018  
Quantitative project for Uber on monetary recognition and hybrid cars in Mexico

Idea Consultants, Mexico Nov 2017  
Diagnostic on the Right for Education in Mexico for CONEVAL

----- **SKILLS**

**Software** Stata, R, oTree, Tableau, GeoDa, Qualtrics, LaTeX, Atlas.ti, SPSS, ArcMap

**Languages** Spanish (native), English (fluent; IELTS: 7.5; TOEFL: 607), French (basic)

----- **REFERENCES**

**Ann-Kathrin Koessler**  
Institute for Environmental Planning  
Leibniz Universität Hannover  
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**Luis Serra Barragan**  
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**Boris van Leeuwen**  
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