Mtra. Esther Quiñones Luna

Applied Economics | Regional and Sectoral Analysis | Input–Output Matrices | Data Science and GIS | Project Management

Phone: 56 27891739

Email: esther.qleruf@gmail.com

Website: www.mqeconomics.com



PROFESSIONAL EXPERIENCE

Founder and Director
MQEconomics

December 31, 2022 - Present

- Lead an independent platform focused on economic analysis, territorial research, and training.
- Design and produce economic reports for boroughs and municipalities.
- Apply input–output analysis, multivariate statistics, and GIS tools to develop assessments of local economies and sectoral clusters.
- Manage knowledge products from end to end, including research, educational material development, publication, outreach, and improvement of online courses and training programs.

Head of Department
Federal Consumer Protection Agency. Directorate of Consumer Studies

July 16, 2021 - December 30, 2022

- Analyze prices of basic consumer goods and develop economic indicators.
- Automate processes and generate reports using R and Excel macros.
- Evaluate personnel performance through analytical reports.

Statistical Monitoring Liaison “C”
National Institute of Statistics and Geography | Input-Output Directorate

Octubre 15, 2020 - July 15, 2021

- Design databases and develop technical fact sheets on production chains in the textile, leather, chemical, and non-metallic mineral industries.
- Use Excel macros to organize and process information.

Deputy Director
Ministry of Finance and Public Credit

May 19, 2019 - February 28, 2020

- Draft the section on development banking financing policy in Mexico.
- Conduct sectoral and financial analyses of development banking institutions.

Auditor Coordinator
Superior Audit Office of the Federation (ASF). Directorate General for Economic Analysis and Research | **May 1, 2015 - May 31, 2017**

- Plan, implement, and monitor audit activities and conduct economic analysis of public finances.
- Specialize in public-private partnerships (PPPs).
- Promoted from Fiscal Audit Officer “A” to Coordinator within one and a half years.

Consultant and Associate Researcher
Center for Sustainable Regional and Urban Development Studies

Octubre 19, 2012 - Mayo 15, 2019

- Coordinate and advise research projects in collaboration with UNAM, INEGI, CONACYT, and private consulting firms.
- Conduct regional and urban economic analysis and develop regional input–output matrices.

PROFESSIONAL PROFILE

Master’s degree in Economics, with 14 year of experience in the public, private, and academic sectors. Background in economic analysis, public finance, prices, production chains, input–output matrices, applied research, and project coordination.

CORE SKILLS

- ❏ Economic, regional, and sectoral analysis.
- ❏ Input–output matrices and economic regionalization.
- ❏ Production chains and industrial clusters.
- ❏ Public finance and development banking.
- ❏ Price analysis and economic indicators.
- ❏ Spatial analysis and geographic information systems.
- ❏ Applied research and technical report writing.

TECHNICAL TOOLS

- ❏ **Statistical analysis:** R (Advanced), Matlab (Basic).
- ❏ **Geographic Information Systems:** QGIS and ArcGIS (Advanced).
- ❏ **Programming and data analysis:** Python (Intermediate).
- ❏ **Data visualization and analysis:** Power BI and Data Studio.
- ❏ **Writter y Spreadsheets:** Microsoft Word, Power Point, Excel, DAX, and Power Pivot (Intermediate).
- ❏ **Databases|Querying:** SQL (Basic).
- ❏ **Lead|Manage:** Miro, Lucidchart y Moonday

Mtra. Esther Quiñones Luna

Applied Economics | Regional and Sectoral Analysis | Input–Output Matrices | Data Science and GIS | Project Management

Phone: 56 27891739

Email: esther.qleruf@gmail.com

Website: www.mqeconomics.com

EDUCATION

Master's Degree in Urban and Regional Economics
National Autonomous University of Mexico (UNAM)
August 6, 2012 – June 30, 2014
Master's thesis: *The Automotive Cluster in the North-Central Region of Mexico: Methodology and Impacts on Economic Growth, 1994–2009. A Spatial Approach.*
Professional License No.: 13623406

Research Stay
University of Alcalá, Spain
February 14, 2014 – July 3, 2014
Research focus: *Economic Analysis and Territory: Location, Mobility, Innovation and Local Development; and Regional Policy.*
Academic Professional Certificate.

Bachelor's Degree in Economics
National Autonomous University of Mexico (UNAM)
August 13, 2007 – June 30, 2012
Professional License No.: 8081084

PUBLICACIONES

2023 | *Estimation of Input–Output Matrices by Economic Activity Branch and Sector for the States of Central Mexico, 2013.*
Authors: Normand Eduardo Asuad Sanén, Esther Quiñones Luna, José Antonio Huitrón Mendoza, and Krista Alondra Zafra García.

2018 | Co-author of *The Automotive Industry in the North-Central Region: A Spatial Regional Input–Output Approach.*
Authors: Normand Eduardo Asuad Sanén, Cristina Vázquez Ruiz, and Esther Quiñones Luna.
In: *Regional Studies: An Input–Output Approach.* Mexico: University of Guadalajara, First Edition, 2018. Editors: Josefina Callicó López and Evaristo González Robles. ISBN: 978-607-547-002-3.

UNIVERSITY TEACHING EXPERIENCE

2024 and 2025 | Public Economics Seminar, UNAM — Lead Instructor — 80 hours.

2023–2026 | Online asynchronous courses, Udemy:

- RStudio Applied to Economics — 10 hours.
- Geographic Information Systems with QGIS — 4 hours.
- Research Methodology — 6 hours.
- Algebra — 14 hours.
- Theoretical Foundations of Urban and Regional Economics — 8 hours.

2022 | Diploma in Regional and Urban Economics, Module I, UNAM — Lead Instructor; diploma program proposal.

Fall 2015 | Macroeconomic Theory, UNAM — Teaching Assistant.

Spring 2014 | Regional and Urban Development Theories and Policies, UNAM — Teaching Assistant.

Fall 2013 | Mexican Economy, UNAM — Teaching Assistant.

2014 | Curriculum development: Designed the course syllabus for *Spatial Agglomerations, Clusters, and Metropolitan Areas* for the Bachelor's Degree in Territorial Development at the National School of Higher Studies, León Unit, dated November 20, 2014.

IDIOMAS

- **Spanish: Native**
- **English: Intermediate (B2)**
- **French: Basic (A1)**
- **Portuguese: Basic (A1)**