

PERLA IRASEMA RIVADENEYRA GARCÍA

perlarivadeneyra@gmail.com ◊ linkedin.com/perlarivadeneyra ◊ +39 333 89 055 39

EDUCATION

Research Fellow , Ca' Foscari University of Venice, Italy. <i>Europe Horizon project WaterLANDS, Work Package 2</i>	10/23 - ongoing
Master in Geostatistics for the health of humans, animals, and the environment , University of Padova, Italy.	11/22 - 09/23
Ph.D. in Quantitative Methods for Economic Policy , University of Macerata, Italy. Curriculum: Methods of multisectoral analysis and computation for economic policy	09/18 - 10/22
Master in Global Politics and International Relations , University of Macerata, Italy. Curriculum: International Economic Relations Overall grade: 110 with honors.	09/16 - 04/18
Bachelor in International Relations , National Autonomous University of Mexico (UNAM) Overall grade: 9.6/10 mark.	08/10 - 07/15
Technical Bachelor in International Logistics , German School A. von Humboldt, Mexico. Overall grade: 9.7/10 with honors.	08/09 - 07/11

ACADEMIC AND RESEARCH EXPERIENCES

Researcher at Fondazione Eni Enrico Mattei. Spatial and statistical analysis.	07/22 - ongoing
Professor in advanced statistics (1 semester contract) , University of Camerino. <ul style="list-style-type: none">• Statistical learning.• Multivariate statistics.• Analysis of big data.	02/23 - 07/23
Cultore della materia at University of Macerata, Italy. Branch: Economics and statistics Professor: Luisa Scaccia.	11/20 - 07/21
Visiting Ph.D. Student at University Grenoble Alpes, France. Research period supervised by professor Nadine Massard.	11/19 - 11/20
Member of the Laboratory for Applied Economics of Grenoble, France.	11/19 - 11/20

WORKING EXPERIENCES

International Senior Tutor , University of Macerata, Italy. <ul style="list-style-type: none">• Administrative assistance to international students.	11/17 - 02/18
Lead Quality Analyst , Carl Zeiss, Mexico. <ul style="list-style-type: none">• Survey design, send survey to clients, follow up of services pending, clean data, and calculation of the company's KPIs.	09/13 - 08/14
Internship at the Mexican Senate, Mexico City, Mexico. <ul style="list-style-type: none">• Data collection, cleaning, and analysis for the economic analysis team of left-wing Senator David Monreal.	01/13 - 06/13
Air Operations Trainee , Kuehne + Nagel, Mexico. <ul style="list-style-type: none">• National and international billing.	09/10 - 07/11

- Filling of international transport documents.

Operations Trainee, Dachser, Mexico.

06/09 - 06/10

- Collection of transportation prices from our competitors and partners to calculate our internal prices.
- Preparation of quotations.

PUBLICATIONS AND WORKING PAPERS

García, P.R., Scaccia, L. & Salvati, L. An accuracy assessment of three forest cover databases in Colombia. *Environmental and Ecological Statistics* (2023). <https://doi.org/10.1007/s10651-023-00571-w>

Rivadeneira, P.R., Scaccia, L. & Salvati, L. A spatial regression analysis of Colombia's narcodeforestation with factor decomposition of multiple predictors. *Scientific Reports* (2023). <https://doi.org/10.1038/s41598-023-40119-3>

Modelling the long-term health impact of COVID-19 using Graphical Chain Models. Elena Stanghellini, Perla Rivadeneira, Konstantina Gourgoura, Chrys Caroni. *Paper submitted to BMC Infectious Diseases*.

Association between residential green space during childhood and eating disorders in Padua (Italy). Perla Rivadeneira, Francesco Pirotti, Paolo Meneguzzo, Angela Favaro. *Working paper*.

Evaluating the causal effect of glyphosate aspersion on coca crops and deforestation in Colombia. Perla Rivadeneira (*University of Macerata*), Luca Salvati (*Sapienza University*), and Luisa Scaccia (*University of Macerata*). *Working paper*.

Spatial Canonical Correlation Analysis. Luca Salvati (*Sapienza University*), Perla Rivadeneira (*University of Macerata*), and Luisa Scaccia (*University of Macerata*). *Working paper*.

Global Land Suitability Analysis of Nature-based Solutions for Climate Change Mitigation. Perla Rivadeneira (*Ca' Foscari University of Venice*), Carlo Giupponi (*Ca' Foscari University of Venice*), Fabio Farinosi (*European Commission*) *Working paper*.

Multi-platform assessment of coastal protection and carbon sequestration in the Venice Lagoon under future scenarios. Perla Rivadeneira (*Ca' Foscari University of Venice*), Carlo Giupponi (*Ca' Foscari University of Venice*), Federico Cornacchia (*Ca' Foscari University of Venice*), Marco Bidoia (*Ca' Foscari University of Venice*), Gabino Martínez (*Fondazione Eni Enrico Mattei*). *Working paper*.

REVIEWS FOR SCIENTIFIC JOURNALS

A new dataset for local and national COVID-19-related restrictions in Italy

05/19

Published in the *Italian Economic Journal*

WORKSHOPS AND CONFERENCES

20th International Workshop in Spatial Econometrics and Statistics

05/22

Organized by: Université de Lille, CNRS, INRIA, ONCLille, Ligue contre le cancer, and CEMPI.

Poster: *A Spatial Regression Analysis of Colombia's Narcodeforestation with Factor Decomposition of Multiple Predictors*

University didactics, innovation and inclusion

09/19

Organized by: University of Macerata, Department of Pedagogic Sciences.

RELEVANT COURSES AND CERTIFICATIONS

Google Data Analytics Professional Certificate

04/22

Organized by: Google via Coursera

Subjects: R, SQL, Tableau and Excel applied to data analysis

Summer School in Spatial Econometrics	06/21
Organized by: Spatial Econometrics Association	
Subjects: Python and R applied to spatial econometrics and statistics.	
Winter School in Advanced Methods for Impact Evaluation	12/20
Organized by: Fondazione Bruno Kessler - Institute for the Evaluation of Public Policies	
Subjects: causal inference, machine learning, interference, discontinuities and instrumental variables.	
Essex Summer School in Social Science Data Analysis	08/20
Organized by: Essex University	
Subjects: spatial econometrics with Stata and R.	
Advanced Summer School in Economics and Econometrics	07/20
Organized by: University of Crete, courses held by distinguished professor Jeffrey Wooldridge.	
Subjects: spatial econometrics with cross section and panel data.	

SCHOLARSHIPS

- Confindustria Macerata Scholarship 2016
- Scholarship German School Alexander von Humboldt 2009-2011

SKILLS

Programming	Python, R, STATA, SQL, Javascript
Softwares	QGIS, ArcGIS PRO, Google Earth Engine, SAGA GIS, PostgreSQL, GDAL, Latex, Git
Soft Skills	Time Management, Teamwork, Communication, Problem Solving, Accountability, Teaching

LANGUAGES

Spanish	Mother tongue
English	Advanced (C1 TOEFL and Cambridge Certificates)
Italian	Advanced
German	Advanced (C1 Deutsches Sprachdiplom)
French	Intermediate
Portuguese	Intermediate