# Alberto Gabino Martínez Hernández

Bachelors in Economics / Master in Economic Sciences / Master in Economic Analysis and Policy
Address: Cannaregio 2949/A, 30121. Venice, Italy.
Mobile phone: +39 346 366 6698| Email: albertogabinomar@gmail.com | Nationality: Mexican
**www.linkedin.com/in/gabino-martinez-economista-master**

**Professional Objective**: I am passionate about economics and its relationship with sustainable development. I have at least three years of professional experience in national and international organizations on different sustainability issues such as water, agriculture, energy and climate change. Skills in Quantitative Analysis and Methods, Problem Solving, Teamwork, Leadership, Feedback and Time-management.

## ACADEMIC BACKGROUND

**Université Sorbonne Paris Nord - Paris, France**
**Master in Economic Analysis and Policy**                    2020 / 09 – 2021 / 09
- Academic track: climate change, innovation, and sustainability.
- Received CONACYT-FUNED scholarship from the Council of Science and Technology of Mexico.
- Thesis title: "Geographical indications and environmental sustainability: an institutional analysis of mezcal". Evaluation of the thesis and oral defense: *summa cum laude.*

**Università Degli Studi Roma Tre - Rome, Italy**
**Master in Economic Sciences**                    2019 / 09 – 2020 / 08
- Academic track: macroeconomics, energy policy and advanced statistics.
- Received scholarship from the Italian Ministry of Foreign Affairs.
- Average grade of 30/30 according to the Italian system.

**National Autonomous University of Mexico – Mexico City, Mexico**
**Bachelor's degree in economics**                    2012 / 08 – 2018 / 05
- Academic track: environmental and ecological economics.
- Awarded with the highest honors for thesis and oral defense.
- Average grade of 9.35 out of 10 according to the Mexican system.

**Nagoya University - Nagoya, Japan**
**Academic Exchange Program: Economics**                    2016 / 09 – 2017 / 02
- Education completed in English complemented by Japanese language courses.
- Received scholarship from the Ministry of Education of Mexico.
- Grade average of 9 out of 10 according to the Japanese system.

## PROFESSIONAL EXPERIENCE

➤ **Fondazione Eni Enrico Mattei (FEEM), Venezia, Italy**
**Researcher, Climate Change Adaptation Modelling**                    02 / 2022 – Current
Achievements / Relevant Results:
- Publication as a working paper of a systematic literature review of climate change adaptation and systems dynamics modelling in coastal areas, by using artificial intelligence software (Rayyan) and statistical software (R) to overview a large number of references coming from different bibliographic datasets (Scopus and ScienceDirect).
- Publication as a working paper of a general conceptual model to simulate socio-ecosystems (SES) with a focus on climate change adaptation. This conceptual model is built on the principles of system dynamics modelling, with the aim of assessing, managing and supporting decision making process in developing countries (particularly Bangladesh).
- Two publications in process to value nature-based solutions and ecosystem services. The first one employs the modelling platforms InVEST and CLIMADA with spatially explicit data in Python, whereas the second one follows a systems dynamics approach by relying on existing models to be integrated in Vensim.

➤ **United Nations Industrial Development Organization (UNIDO), Remote**
**Consultant, Climate Change Adaptation**                    08 / 2022 – 12 / 2022

Achievements / Relevant Results:

- Draft report of climate change adaptation in the hydropower sector across the Latin-American region, with a focus on country-level vulnerability, national adaptation plans and projects carried out by international organizations.
- Two draft reports to analyze the main policy and technology barriers for the implementation of projects related to the Water-Energy-Food (WEF) Nexus, and Nature-Based Solutions (NBS) for coastal protection. The first one focused on the bio-fuel sector in Cuba and Guatemala and irrigation agriculture in Mexico and Haiti, whilst the second one analyzed the cases of Guyana, Colombia and Belize.
- Draft report about key information of ten bilateral donors: climate financing strategies or actions, priority geographical areas and themes, previous financing experiences and procedures for requesting resources. Two draft reports for donors of the Climate Technology Center and Network (CTCN) such as UNEP and data collection for the evaluation of CTCN projects worldwide.

## ➤ French Centre of Agricultural Research for International Development (CIRAD), Paris, France
### Intern, Sustainable Agriculture and Trade                                          02 / 2021 – 07 / 2021
Achievements / Relevant Results:

• Analyzed the environmental issues of the mezcal value chain, identifying new valorization alternatives with high environmental standards. This research integrates a public policy proposal to improve the sustainability of this product. This analysis was published as part of the conference proceedings of the international CIRAD-FAO GI conference of 2022.
• Interviewed key stakeholders in the production of mezcal (federal authorities, innovation centers and producers) with the aim of applying a theoretical framework on innovation and territorial development, mainly by integrating a comparative analysis of 3 case studies (Michoacán, Guerrero and Oaxaca).
• Carried out technical cooperation activities by training governmental authorities and private stakeholders in Latin-America through the teaching of the Geographical Indications course "AMLAT-2021" carried out by the CIRAD.

## ➤ Behavioral Public Policy A.C., Mexico City, Mexico
### Project Manager, Agriculture                                          01 / 2019 – 08 / 2019
Achievements / Relevant Results:

- Customized scientific literature to a language accessible to agave producers in Oaxaca, to raise awareness about agave biodiversity loss and to spread conservation and propagation strategies of this crop. The project was part of the PRODETER (Territorial Development Program) of the Ministry of Agriculture of Mexico and it was published as a manual.
- Collaborated with multidisciplinary groups of psychologists, engineers and economists in the diagnosis of training needs and design of educational materials to transfer the knowledge generated in the university to local communities of Oaxaca.
- Designed the project according to specifications and resources of the Federal Government and the National Polytechnic Institute, complying in a timely manner with the delivery of results.

### ➤ Internship Programs:
#### Latin American Water Tribunal, Mexico City, Mexico
#### Intern, Water Issues                                          05 / 2016 – 10 / 2016

- Analyzed water and agriculture conflicts between inhabitants and private companies in El Salvador and Guatemala, as well as collaborated in the design of a conciliatory proposal and public policy recommendations for the governments of both countries.

#### Center for Sustainable Urban and Regional Development Studies (CEDRUS – UNAM), Mexico City, Mexico
#### Intern, Regional Economics                                          02 / 2014 – 07 / 2014

- Developed an economic and spatial analysis of the industrial cluster of the municipality of Silao by generating dynamic tables in Excel and economic maps through Geographic Information Systems (such as ArcGIS and QGIS) and handling large volumes of data for decision making processes.

**Languages:** Spanish (native) / English (C1) / Italian (B2) / French (B2) / Japanese (A2)
**List of publications:** click here.
**Software proficiency:** Data analysis and econometrics (Python, R, Stata, Excel) / Geographical Information systems (QGIS and ARCGIS) / Systems dynamics modelling (Anylogic) / Ecosystem services tools (InVEST, ARIES)