

Maria Eugenia Silva
Economist, MBA
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Education

MBA with emphasis in Strategies for development. Title of the thesis: Contributions to a Sustainable Bioeconomy Strategy for Uruguay.
Universidad de Belgrano, Buenos Aires.
Apr. 2012 – Dec. 2018

Bachelor's degree in Economics. Title of thesis: Competitive structure of dairy sector in Uruguay
Facultad de Ciencias Económicas de la Universidad de la República Oriental del Uruguay
Mar. 2003 – Nov. 2010

Languages

International English Language Testing System (IELTS). June 2019. Score 7.5.

First Certificate in English (A) – University of Cambridge. 2001.

Preliminary Level – University of Oxford. 2001

Spoken English for Speakers of other Languages – Grade 6 – Trinity College. 2000

Other Relevant Training

Internal seminars and workshops. Office of Agricultural Policy (Ministry of Agriculture). 2013 - 2018

Economics of water resources management (University ORT) - October 2018.

Postgraduate Studies in data analysis for agricultural research (INIA UNC) - 2017

Training workshop on the Assessment of the adoption and economic impact of agricultural technologies. (INIA - CIAT). May 2015.

Workshop "A New approach to Strategic Development: Enhancing Competitiveness and New forms of Industrial Policies in Global Value Chains". (Duke University) 2014.

Design and Evaluation of Public Policies. (IICA) 2014.

Partial Equilibrium Model for the analysis of long-term perspectives for agriculture sector. (IICA) 2014.

Econometric and statistical softwares. (Deloitte) 2007, 2008, 2009, 2010.

Projection of macroeconomic variables. (Deloitte) 2007.

Evaluation of investment projects. Deloitte 2007.

Financial projections. Deloitte, 2007.

Employment History

FAO

Consultant at Climate and Environment Division – Project “Towards sustainable bioeconomy guidelines”

January 2020 – December 2020. Italy.

Main project features: The objective of the process is to develop sustainable bioeconomy guidelines that can assist countries in the promotion of a bioeconomy-based development.

Co-author the toolbox report. Revise and describe available methods and tools related to the setup of a bioeconomy strategy. Contribute to a paper on policies to promote specific good practices, particularly with regards to finance. Co-lead the work on bioeconomy monitoring, particularly on links between SDGs and Bioeconomy, and capacity building activities related to it.

Inter-American Development Bank (IDB)

National Consultant for the implementation of NEXO approach in Uruguay

Mar. 2019 – Nov. 2019. Uruguay.

Main project features: NEXO methodology analyzes trade-offs and interlinkages in natural resources use; particularly in water – food – energy. The aim of the Project in Uruguay is to develop de econometric model, baseline scenario and alternative scenarios (i.e. NDC implementation, irrigation law implementation) for the case of Uruguay in a manner that is comparable to other countries’ model. The Project is conducted by IADB and National Secretary for Water, Environment and Climate Change.

Activities performed: National data collection and validation, calibration of the econometric model, forecasting and projections. Interinstitutional coordination.

INIA

Research assistant

Apr. 2019 – Dic. 2019. Uruguay

Main project features: The Unit of Applied Economics of National Research Institute for Agriculture is part of the UN initiative called "Sustainable Development Solutions Network". Under this initiative, sustainable developments pathways for agricultural activities are designed for the case of Uruguay. The methodology used is backcasting. Goals for production, social and environmental indicators are defined, and then the trajectory from the baseline to the goal is set, considering technology development needs, social transformation implied, public policies roles, institutional arrangements and infrastructure needs.

Activities performed: National data collection and validation, identification and calibration of econometrics models, forecasting and projections, identification of relevant stakeholders, interviews and workshops.

Ministry of Agriculture, Uruguay

Consultant.

Apr. 2014 – Apr. 2019. Uruguay and abroad.

Climate Change International Negotiations – Member of national delegation. 2016 – 2018.

Main job features: Uruguay is a recognized key player in Climate Change Negotiations held under UNFCCC and related process. Uruguay’s position in negotiation is defined at interinstitutional level and is strongly related to its NDC.

Activities performed: Member of the national delegation of negotiators and negotiated issues related to Agriculture, climate finances and carbon markets. Preparation of Uruguay’s position in coordination with national stakeholders, representation of Uruguay in UNFCCC negotiation process and in informal activities related to negotiations, such as preparatory dialogues.

Uruguay NDC elaboration. 2016 – 2018.

Main job features: Elaboration of First NDC of Uruguay to the Paris Agreement.

Activities performed: National data collection, development and adjustment of methodologies to set goals, forecast activity data and GHG emissions of agricultural sector and to assess public policies impacts. Interinstitutional coordination (between ministries, scientists, research institutes and private sector)

National Report on SDGs - National focal point for Agriculture. 2017 – 2018.

Main job features: Uruguay submitted two National Voluntary Reports on SDGs to UN. Elaboration of reports is centralized in OPP and Ministries report indicators, public policies and projects implemented related to SDGs.

Activities performed: Data collection in MGAP, interviews, elaboration and monitoring of indicators, report writing and edition, coordination.

Studies in Natural Resources and Environmental Economics. 2014 – 2019.

Main job features: One of the tasks of the Unit is to develop to research and studies in natural resources and environment, from public policies perspective.

Activities performed: Research in several areas, such as multidimensional assessment of sustainable intensification in agriculture, cost-benefit analysis of measures of adaptation to climate change.

CINVE

Research Project “Quantification of the impact on natural resources and environment of different agricultural production systems by organizational typology.”

Apr. 2014 - Dec. 2018. Uruguay

Main project features: Interinstitutional research project aiming to identify differences in natural resources conservation among groups of crop producers.

Activities performed: National data collection and validation, cluster analysis developed with econometric tools, database building and analysis, report writing, presentations in seminars, publication of papers. Publications are available

Ministry of Agriculture and National Planning Office, Uruguay
Program of Competitiveness for Clusters and Value Chains

Apr. 2014 – Dec. 2019 Uruguay

Main project features: Promote the creation of clusters as a tool for competitiveness, fostering the participation of public and private sector representatives of value chain and related activities.

Activities performed: Participation in Management Groups of the Olive, Cranberry, Oilseed, Forestry and Fruit; articulation between representatives of producers, companies, Ministries, research and education organizations; support in the formulation, presentation and execution of projects; development of workshops; analysis of potential markets of destination, opportunities and conditions of entry, countries and competing products, among other tasks

LKS

Technical assessment and institutional strengthening of the urban solid waste collection service of the Government of Montevideo

Jun. 2013 – Dec. 2015. Uruguay

Main project features: The objective of the project was the design of the urban solid waste collection service of the City and Metropolitan Area. For that purpose, a multidisciplinary team of over 15 professionals was conformed.

Activities performed: Economic and financial base line and diagnostic of the service, assessment and proposals of residues valorization, proposals of tariffs and income schemes.

Rural Development Office, Ministry of Agriculture.
Institutional strengthening program for rural associations
Oct. 2012 – Nov. 2013. Uruguay

Main project features: The objective of the program was institutional strengthening of rural organizations, with a sustainable development perspective

Activities performed: Design of projects of institutional strengthening in a participative manner, with farmers and rural associations stakeholders in the territory. Projects designed with Logical Framework Approach.

Deloitte Touche Tohmatsu (DTT)
Senior Consultant
Aug. 2007 – Oct. 2012. Uruguay

Main job features: Deloitte is one of the three biggest consultancy firms in Uruguay. It works with the most important enterprises organization at local and global level, providing multidisciplinary advise.

Activities performed:

- Preparation and evaluation of projects in various areas: agribusiness, retail, hospitality, construction among others.
- Sectoral analysis of dairy complex, rice complex, flour complex, meat chain, rainfed crops, citrus, top industry, automotive industry, mass consumption, tourism among others.
- Financial analysis at company level
- Strategic Planning Projects
- Valuation of agricultural assets
- Design and implementation of projection models for macroeconomic and sectorial variables
- Design and implementation of variable projection models at company level
- Construction of databases, monitoring of variables, construction and monitoring of indicators
- Internal trainer
- Participation in seminars and forums.
- Planning tasks, organization and supervision of work team.

Publications

Hacia una estrategia nacional de Bioeconomía Sostenible. Anuario OPYPA – MGAP, Uruguay 2019. Co-author: Magdalena Borges

A revised approach to assess adjusted dairy production costs considering water availability. INIA, Uruguay. Co-autores: Enrique Fernández, Bruno Ferraro. *To be published.*

Bioeconomía Sostenible: concepto e implicancias para la investigación agropecuaria en Uruguay. Revista INIA Nº 56, Abril 2019. Co-author: Bruno Ferraro.

Desarrollo de una estrategia de Bioeconomía en Uruguay. Universidad de Belgrano, Buenos Aires. 2018. Tesis de Maestría.

Análisis costo-beneficio de la técnica de riego intermitente en arroz en Uruguay. Anuario OPYPA – MGAP, Uruguay 2018. Co-autores: Carolina Balián, Magdalena Borges, Mariela Buonomo.

El rol del sector agropecuario en la primera Contribución Nacionalmente Determinada de Uruguay al Acuerdo de París. Anuario OPYPA – MGAP, Uruguay 2017. Co-author: Walter Oyhantcabal.

Descripción del mercado interno de productos lácteos. Anuario OPYPA – MGAP, Uruguay 2016. Co-authors: N. Barboza, C. Rava y A. Hernández.

Cadena láctea: Situación y perspectivas. Anuario OPYPA – MGAP, Uruguay 2016. Co-author: N. Barboza.

El Acuerdo de París y sus implicancias para el sector agropecuario. Anuario OPYPA – MGAP, Uruguay 2016. Co-author: W. Oyhantcabal.

Translating the Sustainable Development Goals into action: A practical backcasting approach to help countries develop agricultural transformation pathways. Global Food Security Journal. 2016. Co-authors: Dr, David Kanter, Dr, Marie-Hélène Schwoob, Mr, José E. Bervejillo, Dr, Mario Mondelli, Dr, Achim Dobermann, Dr, Bruno Lanfranco, Mr, Bruno Ferraro, Mr, Rodrigo Saldias, Dr, Walter Baethgen, Prof, Miguel Carriquiry, Ms, Cecilia Penengo, Dr, Juan Manuel Soares de Lima.

A Bio-economic model for simulating sustainable intensification of beef production in Uruguay. 2016 ICABR Conference on “Transforming the Bioeconomy: Behavior, Innovation and Science”. Co-authors: Dr, Bruno Lanfranco, Dr, Juan Manuel Soares de Lima, Mr, José E. Bervejillo, Dr, David Kanter.

Estructura del valor de la producción agropecuaria a nivel regional. Serie Estudios economía agraria y ambiental N° 15 03. OPYPA – MGAP. Uruguay 2016. Co-authors: J. Bervejillo, H. Tommasino, F. Bertamini.

Differences in conservation practices among farming organizational models. Evidence from grain crops production in Uruguay. 10th Research Workshop on Institutions and Organizations – RWIO Center for Organization Studies. September, 2015. – RJ, Brazil

Bases para una intensificación sostenible del sector agropecuario: la iniciativa SDSN. Anuario OPYPA – MGAP, Uruguay 2015. Co-authors: B. Lanfranco, B. Ferraro, M. Mondelli, J. Bervejillo

Fondo de Financiamiento y Desarrollo Sustentable de la Actividad Lechera. Anuario OPYPA – MGAP, Uruguay 2015. Co-author: A. Tamber

Cadena olivícola: situación y perspectivas 2015. Anuario OPYPA – MGAP, Uruguay 2015. Co-authors: H. Tommasino, F. Bertamini

Cadena láctea: situación y perspectivas 2015. Anuario OPYPA – MGAP, Uruguay 2015. Co-author: Gonzalo Souto

Frutas de exportación: situación y perspectivas 2014. Anuario OPYPA – MGAP, Uruguay 2014. La construcción de gobernanza público-privada en las cadenas agroindustriales: lecciones aprendidas del Programa PACC. Anuario OPYPA – MGAP, Uruguay 2014.

Tipología de productores agropecuarios: caracterización a partir del Censo Agropecuario 2011. Anuario OPYPA – MGAP, Uruguay 2014. Co-authors: H. Tommasino, A. Cortelezzi, J. Bervejillo, M. Mondelli.

Oferta y demanda de productos concentrados para alimentación animal por cadena productiva. Anuario OPYPA – MGAP, Uruguay 2014. Co-author: M. Methol.

Effects of soil conservation policy on the expansion of the agricultural frontier in Uruguay: An assessment through impacts on farmer’s profitability. Silva Carrazzone, M; Mondelli, M. 9th RWIO CORS, Brasil, 2014.

Frutas de exportación: situación y perspectivas 2013. Anuario OPYPA – MGAP, Uruguay 2013.

Desafíos y oportunidades para la inserción exportadora de la producción frutícola. Anuario OPYPA – MGAP, Uruguay 2013. Co-authors: A. D’Albora, S. Amuedo.

Estructura y evolución reciente del mercado local de productos para la alimentación animal. Anuario OPYPA – MGAP, Uruguay 2013. Co-author: M. Methol.

La construcción de gobernanza público-privada para el desarrollo competitivo de las cadenas agroindustriales promovidas por el Programa PACC-OPP. Anuario OPYPA – MGAP, Uruguay 2013. Co-author: G. Pérez Quesada.

Poder de Mercado en la Industria Láctea Uruguaya. Tesis de grado Licenciatura en Economía - Área Economía Industrial, Universidad de la República, Uruguay, 2010. Co-authors: D. Kefeli, M. Pacheco.

References

Ing. Agr. Ph.D Bruno Lanfranco

Principal Researcher

Instituto Nacional de Investigación Agropecuaria (INIA)

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Ec. Ph.D Francisco Rosas

Researcher in Ag. economics

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