

ERIKA LUNA PEREZ

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KEY COMPETENCIES

- More than four years of multidisciplinary research experience in sustainable development employing various quantitative and qualitative data analysis methods (coding and statistics, Geographic Information Systems, surveys and literature and policy reviews).
- Excellent writing and communication skills (in English and Spanish), demonstrated through thesis and report writing, and as a socio-environmental science communicator.
- Strong organizational and time-management skills demonstrated through simultaneously working on multiple and collaborative research projects.

EDUCATION

M.Sc. Resources, Environment and Sustainability *Anticipated completion: November 2021*
University of British Columbia — Institute for Resources, Environment and Sustainability

- Supervisors: Dr. Navin Ramankutty and Dr. Amanda Giang
- Thesis: ‘A Descriptive Analysis of Mexico’s Crop Species Diversity’.

B.Sc. Earth and Environmental Sciences *2013 - 2019*
National Autonomous University of Mexico — Faculty of Science

- Honors Thesis: ‘Impact of future urban growth on the local climate in the Mexico City Metropolitan Area (MCMA) and its socio-environmental implications’.

Exchange academic program *Spring 2017*
University of California, Berkeley — Environmental Sciences, Policy and Management Department

- Relevant courses: International Rural Development; Political Ecology.

RELEVANT EXPERIENCE

Research Assistant, University of British Columbia *May 2021 - Present*
School of Public Policy and Global Affairs

- Project: The Gender Data Revolution
- Conducting an academic literature and policy review on Gender Data and Development.
- Organization of a virtual knowledge production workshop involving more than 80 participants from various international academic and policy institutions.

Sustainable Food Systems Data Assistant *September 2019 - August 2020*
Centre for Sustainable Food Systems at The UBC Farm

- Data cleaning and analysis of historical farm’s operations databases. The arranged data is now fully documented and available to the public on the UBC Farm’s Dataverse website.
- Built a map using the Tableau software as an innovative way to visualize data from the farm. The map has helped researchers select the best available fields within the farm to conduct their research.

Data Collector and Analyst *November 2017 - January 2018*
Food and Agriculture Organization of the United Nations (FAO) in Mexico

- Organized a workshop with small farmers, policymakers and government officials that resulted in the engagement of 60 small farmers who applied to be part of the first-ever farmers' market sponsored by FAO and Mexico City's government.
- Conducted surveys (field work) and developed a comprehensive data base of 60 small farmers in the peri-urban area of Mexico City.

Research Assistant, University of California, Berkeley
Environmental Sciences, Policy and Management Department

Summer 2017

- Project: Potentials and Problems of Hydro-power Development in Eastern Africa.
- Conducted a literature and policy review of international multilateral agencies documents to assess their role in development projects and the positive and negative impacts on local communities.

Research Assistant, Université de Montréal
Faculty of Law

Summer 2016

- Globalink Mitacs Program
- Project: Sustainable development law - Sustainable Agriculture in a Green Economy.
- Conducted a literature review and developed an annotated database which helped the principal investigator to enhance collaboration with researchers in Latin America.

COMMUNITY ENGAGEMENT

Co-founder of DAMUSA

September 2020 - Present

- Principal investigator and data analyst. I develop visualizations for the website, prepare content for workshops, and coordinate meetings and agendas.
- Community engagement coordinator. I have corresponded with multiple stakeholders (including policymakers and women farmers) who have attended our webinars.

Science Communicator

December 2017 - Present

Planeteando and the nature of food

- My entries are about the multiple aspects of sustainable development. Blog posts have reached an audience of over 14,000 people.

PUBLICATIONS

Klassen, S., **Luna-Perez, E.**, Bridson, N., Castrejon-Violante, L., Wittman, H., Ramankutty, N., Beyond "Equivalency": Organic Standards, Governance and Sustainability in North American Agriculture. (Forthcoming).

Luna-Perez, E., Miquelajauregui-Graf, Y., Lopez, E. Impacts of future urban growth on the local climate in Mexico City and its socio-environmental implications. (Forthcoming).

Ulrich, J., **Luna-Perez, E.**, Becket, K., Khoury, C., Moreau, T. Crop Wild Relatives Inventory for Canada. (Forthcoming).

SKILLS

Languages

Spanish: native

English: fluent (TOEFL iBT: 102 points)

Software

MS Word, Excel, and PowerPoint

R

GIS (ArcGIS and QGIS)

NVIVO

Tableau

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REFERENCES

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Dr. Tara Cookson, Assistant Professor

Research Assistanship Supervisor

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Susanna Klassen, PhD candidate

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