

## *M. Joaquín López-Huertas*

### EDUCATIONAL EXPERIENCE

---

#### **UNIVERSITY OF UTAH, United States**

2021 - present

*Ph.D. student in City & Metropolitan Planning*

- Recipient of Fulbright LASPAU Scholarship
- Recipient of GCSC Fellowship.
- Research topic: *Indigenous Knowledges in Settler State Planning.*

#### **UNIVERSIDAD DE VALPARAÍSO, Chile**

2015 - 2017

*Master in Regional and Environmental Development*

- Recipient of OAS Scholarship
- Winner in 2016 Thesis Contest, Memory Museum, Santiago, Chile.
- Thesis title: *Loss of the natural-cultural symbiotic relationship of the Mapuche Territory in the Arauco Commune.*

#### **UNIVERSIDAD DE SAN CARLOS, Guatemala**

2007 - 2013

*Bachelor's Degree in architecture*

- 100% score in Thesis Project
- 2<sup>nd</sup> Place in 2011 Social Housing Contest
- Thesis Title: *Ibankinnal: Public Educational Centre*

### RESEARCH EXPERIENCE

---

#### **UNIVERSITY OF UTAH**

February 2023

**COMMUNITY LAND USE PLAN. TOLIKAN CHAPTER – NAVAJO NATION.**

- Training on Indigenous Planning
- Data collection
- Community Needs Assessment
- Qualitative, quantitative and spatial data analysis
- Elaboration of proposals of Land Uses

#### **BEARS EARS NATIONAL MONUMENT, UTAH**

May 2022

- 20 Interviews conducted to Tribal officials, Tribal members, elders, federal agencies, conservation organizations, and academia.
- Development of the theoretical framework “Planning IN Re-existence. Decolonial Cracks in Settler-States”

#### **UNIVERSIDAD DE LA SABANA, Colombia**

March 2022

**PRINCIPLES, PLANS, AND ACTIONS IN PERIURBAN ZONES: EQUITABLE DEVELOPMENT WITH ECOSYSTEMS**

- Analysis of peri urban areas in Latin America
- Research on urban ecosystems and environmental justice
- Policies review and reformulations

#### **UNIVERSIDAD DE SAN CARLOS, Guatemala**

May 2020

**QUETZALTENANGO'S ECOLOGICAL FOOTPRINT DURING THE COVID-19 PANDEMIC**

- Adaptation of ecological footprint parameters to Guatemalan consumption model
- Elaboration of Interviews and surveys of the local population.
- Comparison of consumption models between pandemic and non-pandemic periods with other global societies.

**UNIVERSIDAD DE SAN CARLOS, Guatemala**

October 2019

**ECOSYSTEM SERVICES IN QUETZALTENANGO**

- Integration of undergraduate students in field research.
- Definition of ecosystem variables according to Guatemalan context.
- Promotion of results as a reference for land policy in the municipal government.

**UNIVERSIDAD DE SAN CARLOS, Guatemala**

December 2018

**THE INFORMALITIES OF FORMAL SETTLEMENTS IN GUATEMALA**

- Theoretical and practical description of formality and informality in Guatemalan settlements.
- Land use and timeline analysis on a particular study area.
- Elaboration of a proposal for the formalization of urban areas outside of hazard zones.

**QUILPUE MUNICIPALITY, Chile**

January 2016

**EL SOL BASIN AS A NATURAL INFRASTRUCTURE**

- Characterization of the territory for sustainable use of natural resources.
- Creation of Land Policy Proposal.
- Introduction of agroecological practices in Quilpue.
- Local community presentation of research findings.

**GOMEZ CARREÑO NATURAL PARK, Chile**

October 2015 – December 2016

**CONSERVATION OF ENDEMIC RESOURCES IN URBAN AREAS**

- Volunteer researcher for landscape ecology plans.
- Creation of Regional Planning Policy.

## **TEACHING EXPERIENCE**

---

**UNIVERSITY OF UTAH**

May 2022

*Salt Lake City, Utah*

**INSTRUCTOR**

- **CMP-6450. GIS for Planners:** May 2022 - August 2022
- **CMP-2010. Design Ecologies:** May 2023 - August 2023

**UNIVERSIDAD DE SAN CARLOS, Guatemala**

January 2018 - June 2021

*Quetzaltenango, Guatemala*

**LECTURER & RESEARCHER**

- **Ecological Disaster Risk Reduction:** January – July 2018, July – December 2019
- **Engineering Project Planning:** July – December 2018
- **Urbanism:** July – December 2018
- **Introduction Drawing for Engineering:** January – July 2018, 2019, 2020

**THESIS ADVISOR**

July 2021 - Present

*Current*

- Mario Garcia Aguilon, Undergraduate. **Civil Engineering**. Universidad de San Carlos de Guatemala.

*Past*

- Juan Merida Sanchez. Undergraduate. **Civil Engineering**. Universidad de San Carlos de Guatemala.
- Miguel Sontay Argueta. Undergraduate. **Architecture**. Universidad de San Carlos de Guatemala.

---

## PROFESSIONAL EXPERIENCE

---

### HABITAT FOR HUMANITY, Guatemala

July 2017 - May 2021

#### SPECIAL PROJECTS COORDINATOR

- Project Management focused on rural and indigenous community development, extreme poverty reduction, and access to social housing and basic services.
- Research of urban and rural settlements.
- Advocacy of urban and regional planning processes within indigenous communities.
- Improvement of systems and processes in affordable housing construction and field supervisions.
- Development of low-cost water and sanitation solutions.

### ICZP CONSULTANTS, Chile

September 2015 - February 2017

#### FIELD PROFESSIONAL AND RESEARCHER

- Research development in urban and rural living conditions, land use, natural and cultural resources, and community participation.
- Policy design in regional planning and landscape ecology.
- Elaboration of Municipal Plans for land use development and civil security.

### HABITAT FOR HUMANITY, Guatemala

February 2013 - March 2015

#### CONSTRUCTION COORDINATOR

- Project management in affordable social housing.
- Design planning of adequate housing for vulnerable families.
- Implementation of 200 houses for Earthquake Recovery in San Marcos, Guatemala.

---

## PUBLICATIONS

---

- **López M.** (2020). Evaluation of ecosystem services in an unplanned city: The Quetzaltenango Case. Vol. 9 (No. 1). *REVISTARQUIS*. Universidad de Costa Rica. P.129-145.
- **López M.** (2019). The informalities of formal settlements in Guatemala. *Hudco Shelter Review*. India. Vol. 20 (No. 1). P.85-95.
- **López M., Carrasco, C. & Valenzuela, A.** (2017). Natural-cultural symbiotic proposal in the Mapuche Territory of Arauco. *Investigaciones Geográficas*. Vol. 54 (2017). Universidad de Chile. P.61-84.

---

## SCHOLARSHIPS & AWARDS

---

- **CASE Workshop Award**. American Association for the Advancement of Science. Washington DC, March 2023. \$5,000.
- **GCSC Fellowship**. Global Change and Sustainability Center Fellowship. The University of Utah, March 2021. \$30,000.
- **Fulbright Scholarship**. U.S. Department of State. The University of Utah. March 2021. \$30,000

- **UNEP Fellowship.** *United Nations Environment Programme and Universidad Javeriana*, Colombia. August 2019. \$5,000.
- **Bronze Medal, World Habitat Award 2019** in partnership with **Habitat for Humanity Guatemala** team for the project “Healthy Homes for Humanity.”
- **ITEC Scholarship.** *Indian Technical and Economic Cooperation*. HUDCO, India. November – December 2018. \$10,000.
- **1st Place in ASINDES Prize 2018** in partnership with **Habitat for Humanity Guatemala** team for the project “Community Intervention Model.”
- **KIZUNA Scholarship.** *International Cooperation Agency (Chile) and Japan International Cooperation Agency (JICA)*. Pontificia Universidad Católica de Chile. November 2017 – January 2018. \$5,000.
- **OAS Scholarship.** *Organization of American States*. Universidad de Valparaíso, Chile. March 2015 – March 2017. Administered by LASPAU. \$50,000.
- **Winner at the Thesis Contest 2016.** Memory Museum in Santiago, Chile.
- **2nd Place** at the Social Housing Contest in Guatemala for the proposal “Progreso 6.”

---

## GRANTS

- **NAISA Travel Grant.** Native American and Indigenous Studies Association. Toronto, May 2023. \$1,000.
- **Wilkes Center Travel Grant.** Native American and Indigenous Studies Association. Toronto, May 2023. \$500
- **GCSC Research Grant.** Communicating Indigenous Knowledges in Settler-State Planning. The University of Utah. April 2023. \$3,000.
- **USAID - Catholic Relief Services, United States.** \$1,192,912. Habitat for Humanity, 2020-2021.
- **World Vision, Guatemala.** \$45,000. Habitat for Humanity, 2021.
- **Tillotson - ICF, Guatemala.** \$50,000. Habitat for Humanity, 2020-2021.
- **AusAID, Australia.** \$30,000. Habitat for Humanity, 2019-2020.
- **SELAVIP, Chile.** \$36,000. Habitat for Humanity, 2019-2020.

---

## PRESENTATIONS

- **Lopez, M.J.** *Planning IN Re-Existence. Decolonial Cracks in Settler-States*. Native American and Indigenous Studies Association (NAISA) 2023 Conference. Toronto, CA., May 2023.
- **Lopez, M.J.** *Co-Management with Tribes as Coloniality*. American Association of Geographers (AAG) Annual Meeting 2023. Denver, CO., March 2023.
- **Lopez, M.J.** *Coloniality in Planning Education*. American Indian Studies Association (AISA) 2023 Conference. Arizona State University, Tempe, AZ, February 2023.
- **Lopez, M.J., Chalana, M., Jojola, T., Hill, M., Wickland, T. Sweet, B.** *Indigenous Planning Roundtable*. Association of Collegiate Schools of Planning (ACSP) 2022 Conference. Toronto, November 2022.
- **Lopez, M.J.** *The Space and Time for Planning: An Indigenous Lesson of Paradigms?* Association of Collegiate Schools of Planning (ACSP) 2022 Conference. Toronto, November 2022.
- **Lopez, M.J., Sevillano, M., Perez, A. Olcina, J.** *Uso de Sistemas de Informacion Geografica en el Ordenamiento Territorial y la Gestion del Riesgo de Desastres*. ETSAB, Colombia, May 2021.
- **Lopez, M.J.** *The relationship between the built and the natural environment. Regional and landscape planning principles*. Universidad de Costa Rica, April 2021

- **Lopez, M.J.** *Capacidad de respuesta ante la gestion del riesgo de desastres asociado a fenomenos naturales, hidrometeorologicos y sismicos*. CEPREDENAC, Central America, April 2021
- **Carrasco, C., Chavarria, D., Giobellina, B. & Lopez, M.J.** *Adaptacion de las ciudades y regiones ante el cambio ambiental global*. Colegio de Arquitectos, Guatemala, March 2021.
- **Lopez, M.J.** *The relationship between the built and the natural environment. Regional and landscape planning principles*. Universidad de Costa Rica, September 2020
- **Lopez, M.J.** *Conocimientos sobre la Gestion Integral del Riesgo a Desastres y la Adaptacion al Cambio Climatico*. CEPREDENAC, Guatemala, May 2020.
- **Lopez, M. J.** *Evaluation of ecosystem services in an unplanned city: The Quetzaltenango Case*. Universidad de San Carlos, Quetzaltenango, July 2020.
- **Lopez, M. J.** *Evaluation of ecosystem services in an unplanned city: The Quetzaltenango Case*. Universidad Javeriana, Bogota, Colombia, August 2019.

---

## SERVICE AND VOLUNTEERING

- **Student representative:** Planners of Color at the Association of Collegiate Schools of Planning (ACSP). 2022-2024
- **Student representative:** Selection process for the Assistant Dean for Graduate Diversity, March 2022.
- **Search Committee:** Urban Ecology Assistant/Associate Faculty Position for the Transformative Excellence Program at the University of Utah, January-March 2022.
- **Advisory Committee Member:** *Non-profit* Home for a Home. San Francisco CA, 2022-2024
- **Volunteer:** 1st International Academic Conference on the SDG "Why it matters", Utah Valley University, 2022.
- **Volunteer:** ACSP Conference, October 2021
- **Researcher:** Gomez Carreño Natural Park, Viña del Mar, Chile. 2015-2016.
- **Architect designer:** Habitat for Humanity, Chile. 2015-2017

---

## ADDITIONAL COURSEWORK

- **DIPLOMA:** *Virtual English for Graduate Studies Program*. Drexel University, USA. July-August 2021.
- **DIPLOMA:** *Urbanization and Climate Change*. FLACSO Ecuador, August-September 2020.
- **DIPLOMA:** *Eco-Disaster Risk Reduction and Adaptation Based in Ecosystems*. United Nations Environment Programme and Pontificia Universidad Javeriana. Colombia, August 2019.
- **PROFESSIONAL DEVELOPMENT COURSE:** *Pedagogical tools for the study of land policies*. Lincoln Institute of Land Policy. USA, April 2019.
- **CERTIFICATE:** *Formal Solutions to Informal Settlements*. Human Settlement Management Institute. India, November-December 2018.
- **DIPLOMA:** *Scenario evaluation for the reduction of risk of natural disasters*. Pontificia Universidad Católica de Chile. Chile, November 2017 – January 2018.

---

## SKILLS

<b>LANGUAGE:</b>	Spanish, native speaker. K'iche', beginner	English, advanced.	Portuguese, intermediate.
<b>RESEARCH:</b>	Indigenous Planning Regional Planning	Urban Planning	Indigenous epistemologies
<b>MANAGEMENT:</b>	Leadership Budgeting	Project Planning Reporting	Monitoring & Evaluation
<b>COMPUTER:</b>	AutoCAD ArcGIS – Qgis R-Studio	3D Studio Max Office	LUMION R, SQL
<b>METHODS:</b>	Quantitative and qualitative: analytics, spatial analysis, storytelling, ethnographical approach, Bayesian Spatial Analysis, Structural Equational Modelling.		