

Felipe M. Valdez

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SUMMARY

Dynamic, intercultural urban and economic geographer with more than 10 years of experience in higher education and academic research. Dedicated to the application of Geographic Information Systems and data analysis to develop urban planning solutions for sustainable futures based on public decision making.

WORK EXPERIENCE

Temple University Libraries, Philadelphia, United States of America **2022 - present**
GIS Specialist

- Created and maintained the web image and presence of GIS services from the library.
- Developed and created more than 15 instructional materials.
- Taught and coordinate the GIS workshop series with more than 6 sessions every semester.

Pontificia Universidad Católica del Ecuador, Quito, Ecuador **2012 - 2022**
Professor and Researcher

- Taught more than 35 undergrad courses in geography, GIS, environment, international relations, public policy, urban planning.
- Advised 8 master students' thesis in Urbanism.
- Created the Center for Spatial and Social Analysis.
- Participated on 7 research projects related with inequality and environment.
- Designed the digital communication campaign for the Geography Department.
- Published 5 academic articles.
- Edited 1 book and 1 journal number.

Geografía Urbana Ltda, Quito, Ecuador **2013 – 2017**
Geography and GIS Coordinator, co-founder

- Coordinated 5 urban planning projects between 2015 and 2017.
- Managed the company's geodatabase for all projects.
- Trained and supervised 2 junior analysts in GIS.

National Secretariat of Planning and Development, Quito, Ecuador **2010 – 2011**
Geographic Information Analyst

- Participated on the elaboration of planning guides for local governments.
- Taught 12 courses on the use of GIS and spatial data for local planning offices.
- Oversaw the quality of spatial data for planning for the National Information System based on national and international standards.
- Proposed a watershed management framework for local governments.
- Monitored and evaluated the national geoinformation update project.

Ecuadorian Center for Environmental Law, Quito, Ecuador

2008 – 2010

Conservation and Geography Analyst

- Created a geodatabase for the center projects.
- Designed a georeferenced interactive interface for the project's visualization in Google Earth.
- Created series of 15 thematic maps for the conservation of 4 wetlands.
- Analyzed wetlands vulnerability to climate change.

ADDITIONAL SKILLS

- GIS software: ArcGIS Desktop, ArcGIS Online, Survey123, QGIS, GeoDa
- SQL, PostGIS
- R, Python, HTML, CSS, JavaScript
- Adobe Photoshop, Adobe Illustrator

EDUCATION

Philosophy Doctor, Geography, **Northern Illinois University**
2024. United States

Certificate of Graduate Study in Geographic Information Analysis, **Northern Illinois University**
2019

Master of Arts, Geography, **Université Paris 1 Panthéon-Sorbonne**
2012. France

Master of Arts. Urban Planning and Development, **Pontificia Universidad Católica**
2011. Ecuador

Bachelor of Arts, Geography, **Pontificia Universidad Católica del Ecuador**
2008. Ecuador

LANGUAGES

Spanish: Native.

English: Fluent.

French: Intermediate.

Portuguese: Intermediate.

ADDITIONAL EXPERIENCE AND SERVICE

Ecuadorian Geographic Association

- Founding member. Acting president 2021-2023. Organized the III National Congress 2022. Managed social media presence of the association.

Philly Community Wireless

- GIS Specialist. Network mapping and analysis. Network installation volunteer.