



VERONICA LORENA ANDRADE SIERRA

MSc ARCHITECTURE AND URBAN PLANNER
MSc BUILDING INFORMATION MODELING

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Slovenia-Ljubljana
Address: Jakčeva ul. 38-1000
Date of birth: 22/04/1989
Place of birth: Quito - Ecuador
Nationality: ecuadorian
Marital status: single
Number of children: 0

PROFILE:

Architect and Urban Planner with more than five years professional experience, from Ecuador (South America). My professional approach will provide analytical and interpretative tools, as well as planning, and digital design methodologies, able to produce further advancement in the planning and execution of architectural and urban projects. Taking into account the integrating approach concerning the conditions of the urban environments. Actually, I am developing research about City Information Modelling with Urban Digital Twins.

FIELD OF INTEREST:

Urban Studies, Architecture Design, Building and City Information Modeling. I have experience in architectural design, landscape, and urban planning. Design projects of urban and rural development, environmental risk with resilience approach.

ACADEMIC EDUCATION

M.Sc EUROPEAN DOUBLE MASTER IN BUILDING INFORMATION MODELING (1 year)

University of Ljubljana, Slovenia
Politecnico di Milano, Italy

| March 2022 - September 2022
| October 2021 - March 2022

M.Sc ARCHITECTURE and URBAN PLANNING (2.5years)

Shanghai Jiao Tong University, China GPA:3.68/4

| September 2016 - March 2019

BACHELOR'S DEGREE IN ARCHITECTURE & (5 years) MINOR IN ART HISTORY

San Francisco de Quito University, Ecuador GPA:3.24/4

| August 2007 - May 2012

WORK EXPERIENCE

SAN FRANCISCO DE QUITO UNIVERSITY, ECUADOR

Part-time Professor

| January 2020 - June 2020

Urban Theory Professor in the Architecture Department.

Share with students' theoretical contents concerning urban professional practice with topics about urban history in several contexts, seeking to integrate activities with practice and real case studies.

SERVICE OF REAL ESTATE MANAGEMENT FROM PUBLIC SECTOR, ECUADOR

Analyst in Geo-Information

| November 2014 - December 2015

Realization of the inventory and lifting property plans of real estate.

Elaboration of specifications about technical records of predial land.

Registration of real estate about the property of the executive function.

Development the data entry into the system of the geographic information system for the national cadastre of real estate.

AUTONOMUS DECENTRALIZED MUNICIPAL GOVERNMENT OF SANTA CRUZ, GALAPAGOS ISLANDS, ECUADOR

Professional in Territorial Development & Environmental Management

| May 2013-June 2014

Conceptual Urban Design and Urban Design Development.

Plan, organize, direct and control the activities of Urban Planning.

Organize the urban planning and urban design projects for the Normative of Use and Occupation of the Urban and Rural Land.

Coordinate and facilitate the Productive Cantonal Development Plan.

Manage the cadastral information of urban and rural areas for the formulation of the Development Plan of Land Use.

DISEIN DISALAZAR CIA.LTDA, ECUADOR

Designer Assistant in consulting projects

| October 2012 - April 2013

Conceptual Design, Design Development, Construction drawing, and documentation.

Urban design of historic areas.

Planning of urban centralities.

Designing of public areas: squares, parks.

ARQUITECTURA X, ECUADOR

Architect designer

| May 2012 - Jul 2012

Conceptual Design and Design development.

Urban development projects. Architectural design residential building.

Establish detail design items and technical specifications.

Part of the team designer in the Contest for Governmental Financial Platform.

MAIN TRAINING TOPICS IN BIM

- BIM A+1 Management of information and collaboration in BIM.
- BIM A+2 Modelling in Architecture and Engineering.
- BIM A+3 Parametric Modelling in BIM.
- BIM A+4 Advanced BIM data-systems and interoperability.
- BIM A+5 4D,5D,6D modelling and applications.
- BIM A+6 BIM based rehabilitation and sustainability analysis.

TRAINING-WORKSHOPS-CONFERENCES

BIM A+ International Conference 2022

Participation as presenting author : Simulations of visitor flows with Urban Digital Twin . Europe. 6th October 2022.

Urban China Glocal Insights Panel.

Speaker about "Migration from rural areas to cities" case study in Ecuador. Shanghai, China. December 2016.
(<http://hdd-group.com/index.php?c=article&id=57>)

Service of Real Estate Management from the Public Sector.

Training in Basic Conceptualizations of Real Estate Cadastre for raising property Information.
Quito, Ecuador. December 2014.

ONU-Habitat.

Participation in the World Urban Forum 7. Equity in Urban Development – Cities for Life.
Medellin, Colombia. April 2014.

Municipal Decentralized Autonomous Government of Santa Cruz.

External Evaluator in evacuation simulation by a tsunami.
Galapagos, Ecuador. December 2013.

Galapagos Government Council.

Training in Conservation of Natural Resources, Environmental Protection and Sustainable Development of the Galapagos Province.
Galapagos, Ecuador. July 2013.

ISTHMUS School of Architecture and Design of Latin America and the Caribbean.

International Design Workshop: Recycled Habitat
Panama City, Panama. July 2011.

LANGUAGE SKILLS

Spanish native speaker. Advanced english level,

Spanish: Native
English: Working proficiency
Italian: Conversational, limited working proficiency
French: Limited working proficiency
Chinese: Basic level

SOFTWARE SKILLS

Office	
AutoCad	
SketchUp	
Illustrator	
Photoshop	
ArchiGis	
QGIS	
Revit	
Rhino-Grasshopper	
Naviswork-Solibri	
AnyLogic	

PUBLICATIONS

JOURNAL: CURRENT URBAN STUDIES

Landscape Connectivity Approach in Oceanic Islands by Urban Ecological Island Network Systems with the Case Study of Santa Cruz Island, Galapagos (Ecuador).
<https://doi.org/10.4236/cus.2018.64031> | 2018

NEW NORMATIVE OF USE AND OCCUPATION FOR URBAN AND RURAL LAND IN SANTA CRUZ ISLAND GALAPAGOS

Member of municipality team (2013-2014) | 2015

BOOK: HOUSES AND MODERN ARCHITECTS IN QUITO. A REFERENTIAL GENERATION

Member of team CARQ-USFQ publications | 2011

HONORS AND AWARDS

Erasmus Mundus Scholarship Award
Duration: 1 year (October 2021-September 2022)
Full scholarship for master's degree in BIM A+, Erasmus Mundus.

• Chinese Government Scholarship-Bilateral Program
China Scholarship Council CSC
Duration: 2.5 years (September 2016-March 2019)
Full scholarship for master's degree in Architecture,
Shanghai Jiao Tong University.

• San Francisco de Quito University
Undergraduate Scholarship & Financial Assistance
Duration: 5 years (August 2007 – June 2012)
Partial scholarship for an undergraduate degree in Architecture.

• Metropolitan Municipality of Quito, Unit ABC
Undergraduate Scholarship
Duration: 4 years (January 2008 – June 2012)
Partial scholarship for an undergraduate degree in Architecture.

• International Conservation Ecuador
World Urban Forum 7, Medellin - Colombia (April 2014)
Duration: Forum event one week
Monetary value: Airline tickets and travel insurance

• Honorable Mention
San Francisco de Quito University
Academic Awarded Certificate in the semester of design workshop I, (May 2011).

REFERENCES

Prof. Tomo Cerovšek
Vice Head of Chair and Lead BIM Technology Transfer at
University of Ljubljana
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Prof. Xuan Feng (China)
Associate Professor, Ph.D.
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Tong University
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Prof. Jaime Lopez (Ecuador)
Full-time Professor, Ph.D
Architecture Department San Francisco de Quito University
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