

Name:	Loaiza Ambuludi Silvia Catalina		
Academic Rank:	Non tenure track Lecturer	FT x	PT
Professional Registration ID:			

EDUCATION			
Degree	Field	Institution	Graduating year
Fourth level	Docteur en Geomateriaux	Universidad de Paris XII	2009 - 2012
Fourth level	Master Ville, Territoire et Environnement, Mention Geoenvironnement, Specialite Geomateriaux et	Universidad de Paris XII	2008 - 2009
Third level	Mines engineer	Universidad Nacional de Loja	1996 -2002

ACADEMIC EXPERIENCE		
Institution	Location	Date Range
Universidad Nacional de Loja	Ecuador	01/10/2013 - 30/09/2017
Escuela Superior Politécnica del Litoral	Ecuador	01/10/2017 – 31/12/2017
Escuela Superior Politécnica del Litoral	Ecuador	01/01/2018 – 31/12/2018
Escuela Superior Politécnica del Litoral	Ecuador	01/01/2019 – 31/12/2019

NON-ACADEMIC EXPERIENCE		
(Consulting, Industry, etc.)	Location	Date
ESPOL TECH - consulting to municipality of Santa Cruz - Galapagos	Ecuador	01/04/2019 – 01/05/2019

CERTIFICATIONS OR PROFESSIONAL REGISTRATIONS
<ul style="list-style-type: none"> • The 9TH Euroconference on Rock Physics and Geomechanics – 2011 • European Geosciences Union General Assembly – 2012 • Geology and structure of the Loja basin – 2013 • Workshop for the development of scientific articles. -2014 • Risks, threats and ordering Territorial – 2014 • Operating and application management of mining software RECMIN. -2015

- Geochemistry applied to heavy minerals. -2016
- Structural Geology. -2017
- Geomechanical mapping for tunnels and underground excavations – International Centre for geotechnical – 2017
- Computational Geomechanics software ROCDATA V3.0 - International Centre for geotechnical - 2017
- Diploma of Geomechanics underground and surface - geotechnical International Centre CGI – 2019
- Computational Geomechanics software V5.0 - International Centre for geotechnical CGI - 2018 DIP
- Design thinking - Centre of entrepreneurship in innovation ESPOL - 2018 (I3LAB)
- Computational Geomechanics software PHASE V8.0 - International Centre for geotechnical – 2018
- Design of support for tunnels or mines - International Centre for geotechnical CGI – 2018
- Geomechanical design in underground excavations and tunnels – 2018
- International Workshop of geotechnical engineering rock mechanics applied to underground works and in surface course – 2018
- Manual stations geomechanics and Geomechanics field suitcase - College of engineering, Earth Sciences – 2018
- Technical-empirical analysis of stability of mining galleries - Faculty of Engineering Sciences of the Earth – 2018
- Stability of slopes in soils and rocks - International Centre for geotechnical GCI - 2018

HONORS AND AWARDS

- Best Graduate - University of Loja - Ecuador - 2003

SERVICE ACTIVITIES, (WITHIN OR OUTSIDE) INSTITUTION

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PUBLICATIONS AND PRESENTATIONS FROM THE PAST FIVE YEARS

- Mechanical behavior and localized failure modes in a porous basalt from the azores. 2012.
- Electro-Fenton degradation of anti-inflammatory drug ibuprofen in hydroorganic medium. 2013
- Kinetic behavior of anti-inflammatory drug ibuprofen in aqueous medium during its degradation by electrochemical advanced oxidation.
- Removal of the anti-inflammatory drug ibuprofen from water using homogeneous photocatalysis.

RECENT PROFESSIONAL DEVELOPMENT ACTIVITIES

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