

Adriana Luis, MSc student

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EDUCATION

MSc Student in Geotechnical Engineering. University of Alberta, Edmonton, Canada. 2015-Present.

Continuing Education Diploma in Road Design and Transit Engineering. Central University of Venezuela, Caracas, Venezuela (June 2015).

BSc in Civil Engineering. Central University of Venezuela, Caracas, Venezuela (December 2011).

PROFESSIONAL EXPERIENCE

November 2011 – June 2015. PERFOCA Engineering.
JUNIOR ENGINEER.
Soil testing, site supervision and geotechnical design.

April 2012 – July 2015. Central University of Venezuela, Engineering Faculty.
INSTRUCTOR PROFESOR.
Drawing department of the Faculty of Engineering.

Aug- Sep 2011. PERFOCA Engineering. – Internship

Jun 2007- Dec 2011. Central University of Venezuela, Engineering Faculty.
TEACHING ASSISTANT

RESEARCH

Currently working on the Evaluation of strength properties for a clayey material based soilcrete.

- Strength properties of a clayey material based soilcrete.
- Variations of strength properties under cycles of freeze and thaw.

PUBLICATIONS

Bachelor in Science Thesis- Geotechnical oriented - Title: "Determination of the suction variations range using a water retention curve, for slopes in rural zones of El Hatillo". Qualified by the Engineer Faculty of the Central University Of Venezuela with Honors.

Scientific Article - A. Luis & D. Marcial 2011 - Title: "Determination of the suction variations range using a water retention curve, for slopes in rural zones of El Hatillo". ". Written and presented for **the 1st Venezuelan Congress of Geosciences**, which took place at the Geology Faculty of the Central University of Venezuela, on December 2011.

Scientific Article - A. Luis & D. Marcial 2013 - Title: "Water retention properties of a residual soil from Caracas". Presented in the **First Pan-American Conference on Unsaturated Soils**, which took place in Cartagena de Indias, Colombia, on February 2013.

AFFILIATION

- Member of the Venezuelan Engineer Association.
- Currently in process of registration at APEGA as an Engineer in Training.