

LILLY VICTORIA ELLIOTT-VIDAURRI

Student Project Associate in Soil Ecology

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OBJECTIVE

Furthering my student career towards a MS or a PhD, while obtaining as much research experience as possible.

EDUCATION

HS Diploma | 2013-2017 | Valley View High School

AS in Biology | 2015-2017 | STC

BS in Environmental Science | Fall 2017 – Spring 2019 | UTRGV

SKILLS

Fluent in Spanish, English, and some ASL.

Soil property assessments.

Proficient in ArcGIS

Familiar with PAST326

Taxonomic knowledge in avian and insect species

EXPERIENCE

Student Project Associate | UTRGV | October 2018 – December 2018

- Soil sampling in sites converting from agricultural use to reforested land;
- Bulk density estimation;
- Soil processing: gravimetric moisture assessment, sieving for homogenization, sample preparation for carbon analyses.

Supervisor: Dr Engil Pereira – Soil Ecology UTRGV

Student Project Associate | FWS/UTRGV | January 2019 – July 2019

My current responsibilities include database development of restored sites in la Sal Del Rey, TX. Every year or so since the early 90s trees have been planted in certain plots of land. By developing the database, we will evaluate if there have been any changes in C contents and attempt to find a trend over time. Activities:

- Database development of restored sites
- Use of ArcGIS to identify sites
- Data collection at NRCS web Soil Survey

Supervisor: Dr Engil Pereira – Soil Ecology UTRGV

PRESENTATIONS

- Lilly Elliot, James Jihoon Kang, and Engil Pereira. "Development of a Field Trial to promote improvements in Soil Conditions for crop production," UTRGV College of Sciences Annual Research Conference, UTRGV College of Sciences, Edinburg (April 2018 and April 2019).
- Lilly Elliott, Bradley Christofferson, and Engil Pereira. "Following the Chronosequence of C Sequestration in sites converting from Agricultural use to Reforested Land". 14th Annual Conference of the American Association of Hispanics in Higher Education (AAHHE). Costa Mesa-CA. (February 28th, 2019_.

Volunteer Work

Quinta Mazatlán

Worked alongside other UTRGV Honors College students for an evening on October 2017. We helped at an event they were holding for one of their sponsors.

Soil Ecology Lab

I initially joined Dr. Pereira's lab as a volunteer and assisted on the establishment of her laboratory.

REFERENCE :

Dr. Engil Pereira

The University of Texas Rio Grande Valley

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