



2024

Luquillo-Sevilleta Virtual Symposium

10th anniversary!

How Water Connects and Sustains us: a ten-year celebration of student delivered science

8:00-8:10 am – Welcome and introduction by coordinators Laura Pagès Barceló (BEMP) and Noelia Báez Rodríguez (Luquillo LTER Schoolyard)

8:10-8:20 am – *Inspire by Sciences: Reflections of an undergraduate* by Kimberly Meléndez Bonet & *The Science Path* by Alexandra Torres Bracero

8:20-8:30 am – *The power of storytelling, a BEMP student's journey* by Jonathan Tyrrell, program manager at the Next 100 Coalition, Colorado (USA)



8:30-9:50 am – Student Presentations:

1. *Discovering the Riparian Forest Biodiversity: Water quality, leaf litterfall and other elements* – Students (6th grade): Luís Gabriel López, Solaris Jacquez, Daniel Smith y Maelyn Molina-Lerma; Bosque School (NM); Teacher: Rafael Martínez de León.
2. *Relationship between the total number of shrimp per trap of the species Xiphocaris elongate, Atyalanipes and Macrobrachium spp and the pH, during the years 2017-2019* – Students (11th grade): Erianies Colón Rodríguez, Dailyn Reyes Negrón and Noelis Vázquez Garriga; School: Luís Muñoz Marín de Juana Díaz (PR); Teacher: Alma Castilloveiteia.
3. *The effects of stormwater on plant growth* – Student (9th grade) Camilla Callow; College and Career High School (NM); Teacher: Karla Bush.

4. *Odonata Species* – Students (10th grade): Silvia Tsetsakos Montalvo; Armando J. Oliver Paraliticcí; Yaliet Santa Villafañe and Kelmith S. Rodríguez Maldonado; Academia de Fajardo (PR); Teacher: Briseida Fernández.
5. *The growth of the Mammoth Sunflower* – Students (9th grade): Michelle Reyes and Nicole Almanza; College and Career High School (NM); Teacher: Karla Bush.

Brief pause (~5 minutes)

6. *Abundance of tropical freshwater shrimp, Macrobrachium spp during the high and low rainy season in pool O* – Students (10th grade): Omar Burgos and Bianca Rivera; The School of San Juan (PR); Teacher: Gloriceys Rivera
7. *Analysis of water at middle Rio Grande Valley site, Albuquerque, NM 2023-2024* – Students (9th grade): Charlene Aguirre and Keilany Baca; College and Career High School (NM); Teacher: Karla Bush.
8. *Comparison of before, during and after between two periods of high precipitation with the population of shrimp Xiphocaris elongata in a tributary of the Espíritu Santo River in Rio Grande, Puerto Rico* – Student (8th grade): Joneliz Rivera Flores; Jagual Adentro de San Lorenzo (PR); Teacher: Jenifer Calderón.
9. *Effects of degassed water on Sunflower growth* – Students (9th grade): Aurora Pazos and Aaliyah Montano; College and Career High School (NM); Teacher: Karla Bush.

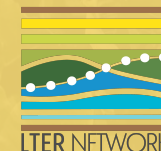
11:50-12:00 pm – Teacher appreciation, Evaluation and Closing.



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