

# Puerto Rico: Diversifying a broader aspect of agriculture

## Resilient Coastal Communities/Natural Resources Ed



Dam Clear up for Parrot water availability.



### Reflection

A takeaway from this trip was seeing how the community helps each other out and never gives up. There has been so much to agriculture that I hadn't understood before and this trip allowed me to see that and takeaway much more than I expected.



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OSU Faculty:

Wanda Crannell, Shawn Rowe, Susan Rowe – Course Instructors  
Nicole Hams, Clarisa Caballero-Ignacio, Amas Aduviri, Emily Nicholson, Jay Well – Faculty Program Assistants

Raven Waldron, Nick Carleson, Rahiza De Thomas, Juriana Barboza, Johannah Hamilton -- Graduate student project leaders

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### Agricultural Diversity

Being a part of the Puerto Rico service learning trip allowed me to experience and educate myself on the different challenges faced in agriculture whether it being because of covid-19 impacts, past natural disasters, limited resources, and many other collaborative issues.

Arriving to Puerto Rico was a beauty to be able to experience the tropical form of agriculture that I had little knowledge about coming from Oregon.

Preparing for the trip consisted of learning about the Puerto rican Culture and community, finding the values and common traditions done in this area new to us.

Many different projects took place allowing everyone on the trip to participate and be able to learn and make a difference while in the area.

### Project: Mangrove Vegetation

One of the projects I was a part of on the trip was in a Pterocarpus/Amphitecna/Anona area that consists of overgrown vines. Here we helped prune low hanging branches helping avoid future vines from developing upward around other plants.



After pruning many of the branches, a drone flight would be used to create a orthomosaic form of data where we can compare how much of the vines pruned actually had been invasive towards the trees and other plants.

### Project: Puerto Rican Parrot Recovery Program

Here we participated in providing husbandry activities including feeding, collecting vegetation, and cage cleaning. This was an incredible experience to be working along these invasive species and learn how they are cared for.



Natural disasters have made parrots in puerto rico an endangered species. These recovery programs help conserve, protect and manage wild and captive parrots to minimize being endangered.