



Candidate for the position of Assistant Professor/ Assistant Entomologist in Agroecology and sustainable pest management:

Diana Obregon, Ph.D.

Postdoctoral Associate

New York State Integrated Pest Management Program at Cornell University.

Date: Monday, April 8, 2024

Time: 4:00 pm - 4:50 pm

Format: In-Person Seminar & Virtual Access

Location: Genomics Auditorium, Room 1102A

Zoom: 983 6120 0167

Passcode: 818719

Title:

“Understanding the impact of land use and farm practices on beneficial insects and pest control”

Abstract:

Landscape simplification and agricultural intensification are two leading causes of biodiversity loss. My research seeks to understand how these processes affect insect communities and the associated ecosystem services and disservices, which is crucial for designing sustainable food systems. Through field and laboratory experiments and using different disciplines such as landscape ecology, chemical ecology, and ecotoxicology, I will show various examples in tropical and temperate systems of how local practices and landscape use impact beneficial insects, pest control, and crop yield. For instance, I provide evidence that the landscape context mediates pesticide exposure effects on beneficial insects and the efficacy of ecological interventions for pest control, such as push-pull.

<https://ucr.zoom.us/j/98361200167?pwd=cWsyY2N4U2dEaUjZM0ExQkkzbC9ldz09>