

# Ecological Data Analysis Remote Internship



## About us

Para La Tierra is dedicated to the conservation of fragile habitats in Paraguay through scientific research, community engagement, and environmental education, while inspiring the next generation of conservationists. We are based in the beautiful city of Pilar - The City of Birds - and work across Southern Paraguay, from the expansive Ñeembucú Wetland Complex to the endangered Atlantic Forest.

At Para La Tierra, we specialize in training students and graduates in the skills they need to take the next step in their career, either towards higher education or into the job market. Over the past decade, we have hosted over 1,500 interns, each of whom has made a tangible contribution to the conservation of the fragile species and understudied ecosystems of Paraguay.

## Project Brief

You will be presented with a specific data-set that is connected to a predetermined research question. You will be tasked with conducting an extensive literature review, analyzing the data, and preparing a mock manuscript of the results. As the data that we share is unique and has not been published before, you have the potential to publish your results in a peer-reviewed journal. However you will likely need to spend more hours to achieve this quality of report.

Remote internships were designed with the aim of offering students the opportunity of gaining experience in project design and execution, learning literature review skills and techniques, gaining experience in scientific writing and gaining overall expertise that would help them advance in their career, while simultaneously driving positive change in Paraguay through conservation research.

## Example projects

- Densities and characteristics of **Armadillo** burrows in different habitats in a private reserve in eastern Paraguay.
- Flight initiation distance in two species of **microteiid lizards** from eastern Paraguay.
- Using ecomorphology of common **stream fish** to evaluate resilience to climate change
- **Bat** species assemblages in two critically endangered Paraguayan habitats in a private reserve in eastern Paraguay

## Intern's Responsibilities

You will be responsible for carrying out the research work and for writing up the different sections of your manuscript. You will meet with your project supervisor from Para La Tierra via Zoom every week to keep track of progress and for feedback on your work. You will prepare both a mid-placement and a final presentation to expose your results to Para La Tierra experts.

The expected total duration of this project is approximately 150h, with a suggested daily work effort of 3h to 5h. This project is intended for the Winter Term period.

## Cost: \$225/month

Costs include weekly one-on-one coaching through the project development process, through emails and Zoom meetings, access to a specially curated Para La Tierra data-set, access to a short-list of relevant scientific literature, co-authorship on any publication arising from your work, a certificate of completion and a contribution to PLT's conservation and education projects.

## How to apply

Duration and internship dates are flexible. If you are interested, please send your CV and cover letter to [sophia@paralatierra.org](mailto:sophia@paralatierra.org). For more information, please visit our website [www.paralatierra.org](http://www.paralatierra.org).