




# ELADIO RODRIGUEZ PENEDO

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## PROFILE

I have studied biology for several years and in the process became passionate about ecology. Within ecology there are many topics that interest me, but above all those related to biodiversity and its conservation.

I am also really interested in the use of all kinds of technology for the study and conservation of biodiversity and I try to learn all kinds of computer skills that are useful in research.

Exploring the intricate workings of ecosystems, examining the complex interplay between species, analyzing the impact of various factors, such as climate change on populations, and delving into the underlying mechanisms that drive the dynamics of species, are areas of research that I am deeply passionate about pursuing throughout my career.

## EDUCATION

### PhD in Terrestrial Ecology

Universitat Autònoma de Barcelona  
2023 - Present

### Master's Degree in Biodiversity Conservation

University of Huelva  
2019 - 2021

**Project:** Study of the evolution of herbaceous crops in the habitat of the Lesser kestrel using a temporal series of satellite images

**Mean score:** 9.3

Outstanding award for academic performance (best academic record of the Master's Degree)

### Bachelor's Degree in Biology

University of Santiago de Compostela  
2014 - 2019

**Project:** Pollination in *Lythrum salicaria* L.: variations between individuals in a tristyle species

**Mean score:** 7.2

## RESEARCH EXPERIENCE

### Research Assistant in Biological Invasion Science

Durham University  
17 Jan 2022 - 19 Aug 2022

- Surveying the distribution and abundance of invasive plants in river banks
- Root preparation and analysis in a lab setting
- Mapping the distribution and abundance of invasive plants from field-collected data, and analysing changes over time
- Building database with global data to quantify how much we know about interactions between invasive plants and other species

## Part of Durham Invasion Science (DISc) Lab

Aug 2022 - Nov 2023

website: <https://durhaminvasionscience.org/>

- Contributing to research efforts as a member of the Durham Invasion Science Lab
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## PUBLICATIONS

### In preparation

- Rodriguez, E., Willis, S.G., Hulme, P.A., Dawson, W. Spread dynamics of invasive plants over three decades in a UK river catchment: recommendations for management priorities
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## SKILLS

- Data analysis: R
  - GIS software experience: QGIS, Google Earth Engine and ArcGIS
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## LANGUAGES

- Spanish: Native speaker
  - Galician: Native speaker
  - English: IELTS 6.5
  - Portuguese: Good (Not certificated)
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## DRIVING LICENSE

- Driving License: Category B