

Fernanda R. de Avila

Contact

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Find me online

[linkedin.com/in/fernanda-rodrigues-de-avila-922389b9](https://www.linkedin.com/in/fernanda-rodrigues-de-avila-922389b9)

github.com/avilaf

Skills

R language
Interpersonal communication
Planning
Organization
Project guidance
Experimental design
Statistical analysis

Language skills

• *English and Spanish*: Fluent

• *Portuguese*: Native

Scientific Publications

avilaf.github.io/publications

About me

Dedicated and detail-oriented PhD in Biology with extensive experience in data analysis and research methodologies.

Proven ability to solve complex problems, manage projects, and collaborate effectively in multidisciplinary teams.

My **areas of expertise** are mainly: Zoology, Herpetology, Population Genetics, Ecology, Ecological Modeling, Biogeography, Evolutionary Ecology, Bioinformatics.

Education

2019 - 2024 *PhD in Biology* • Unisinos • São Leopoldo, RS • Brazil

2017 - 2019 *Master in Biology* • Unisinos • São Leopoldo, RS • Brazil

2012 - 2017

Bachelor's Degree in Biology • Unisinos • São Leopoldo, RS • Brazil
2015/1

Mobility program in U.Porto University • Porto • Portugal

Supported by Santander Universities project

Experience

2017 - 2024 • **Postgraduate Research Projects**

Unisinos University - Lab of Terrestrial Vertebrates Ecology and Laboratory of Genetics and Molecular Biology

- Specialized in Evolutionary Ecology of amphibians.
- Collaboration in studies of Basic Ecology of amphibians, reptiles and aquatic macroinvertebrates.
- Developed proficiency in R programming for analyzing ecological data, enhancing research efficiency and accuracy.

2019 - 2024 • **Graduate Teaching Assistant**, *Field Ecology Course*
Jointly offered by Unisinos and PCRS Universities

- Managed logistical aspects of course materials and resources.
- Provided mentorship to postgraduate colleagues, fostering academic growth and collaboration.
- Guided students in the development of short-term scientific projects, from conception to execution, analysis, discussion and presentation.

2021 • **Coordinator**, *NGO 500 Women Scientists (Pod Porto Alegre)*

- Responsible for the data visualization workshops:
 - helped women scientists, from different areas in STEM and different stages of training, to present their results accurately and impactfully.

Dra. Fernanda Rodrigues de Avila

<https://avilaf.github.io/>