

# DR. PAMELA E. PAIRO



## PROFESSIONAL EXPERIENCE

Oct. 2021  
|  
April 2021

### Geospatial Data Scientist

Argentina National Space Activities Commission

📍 Bs. As., Arg.

- Working at Unit of Developments and Environmental Solutions

Present  
|  
August  
2021

### Mentor in Argentina Programa

Mumuki

📍 Bs. As., Arg.



## EDUCATION

Dec. 2021  
|  
April 2021

### Graduate Diploma in Data Science, Machine Learning and its Applications

University of Córdoba

📍 Online

- Mentoring Project: Sentiment analysis in news and financial indicators. [Github repository](#) and [project presentation](#)
- Github repository with all the material of the Diploma [here](#)

June 2020  
|  
April 2015

### Ph.D. in Biological Sciences

Facultad de Ciencias Exactas y Naturales, University of Buenos Aires

📍 Bs. As., Arg.

Nov. 2014  
|  
March  
2008

### Licenciate in Biological Sciences

Facultad de Ciencias Exactas y Naturales, University of Buenos Aires

📍 Bs. As., Arg.



## TEACHING EXPERIENCE

Present  
|  
Oct. 2021

### Lecturer in charge of the Artificial Intelligence Course of the Diploma in Atech

Argentine University of Enterprise

📍 Bs. As., Arg.

- Course Materials available in [this Github repository](#)

Present  
|  
Oct. 2021

### Lecture in charge of Data Science applied to the profession of the Diploma in ATech

Argentine University of Enterprise

📍 Bs. As., Arg.

- Course Materials available in [this Github repository](#)

Present  
|  
March  
2021

### Teaching Assistant in Applied Statistic

Argentine University of Enterprise

📍 Bs. As., Arg.

## CONTACT

📍 Buenos Aires, Argentina

✉ [pamepair@gmail.com](mailto:pamepair@gmail.com)

🌐 [github.com/PamelaPairo](https://github.com/PamelaPairo)

🔗 <https://pamepair.netlify.app/>

## PROGRAMMING SKILLS

🐍 Python

📊 R

🗄 SQL

🌐 Google Earth Engine

🔧 Git

## GENERAL SKILLS

✓ Data Curation and Visualization  
(Tidyverse, Numpy, Pandas)

✓ Statistical Analysis (GLM, GLMM,  
Regression, PCA, Discriminant Analysis,  
SEM, R-INLA)

✓ Supervised machine learning,  
Unsupervised machine learning, Deep  
Learning, NLP.

✓ GIS

Made w/ [pagedown](#).

Source code:  
[github.com/PamelaPairo/cv](https://github.com/PamelaPairo/cv).

Last updated on 2021-12-21.



## FEATURED COURSES

Dec. 2021

Oct. 2021

July 2021

February  
2021

January  
2021



### Satellite Image Processing

Instituto Gulich

Virtual



### València International Bayesian Analysis Summer School

University of Valencia

Virtual



### Didactics of Programming through the Mumuki Platform

Mumuki

Virtual

- Training in mentoring training



## SCIENTIFIC PUBLICATIONS

2021



### Changes in taxonomic and functional diversity of plants in a chronosequence of *Eucalyptus grandis* plantations.

Scientific Reports

- Pairo Pamela, E. E. Rodriguez, M. I. Bellocq and P. Aceñolaza

DOI 10.1038/s41598-021-89988-6

2021



### Different land-use types equally impoverish but differentially preserve grassland species and functional traits of spider assemblages

Scientific Reports

- Carolina Pinto, Pamela Pairo, M. I. Bellocq and Julieta Filloy

DOI 10.1038/s41598-021-89658-7

2017



### Nesting site selection of Burrowing owl (*Athene cunicularia*) in agroecosystems of Rolling Pampa.

Ecología Austral, 27, 375-384.

- Pairo Pamela, L. M. Leveau and M. I. Bellocq.

DOI 10.25260/EA.17.27.3.0.465

I'm a [Software Carpentries Certified Instructor](#). I'm an active member of the R-Ladies community and in the organization and Scientific Committee of [LatinR 2021](#).

### Languages

Spanish: Native

English: Upper Intermediate

Portuguese: Upper Intermediate

### Grants and fellowships

[Improvement Scholarship-CONAE](#)

Training and Travel Grants- British Ecological Society

[rstudio::global\(2021\)](#). Diversity Scholarship

[Training Grant for Early Career Researchers](#)- Nature Research

Research Stay- Liverpool- Reino Unido. BEC.AR

[Doctoral scholarship CONICET](#)