Adrián **Cidre González**

FORESTRY RESEARCHER

Norwegian University of Life Sciences

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I have a strong background in forest sciences with special interest on data analysis and data science. I have honed my skills on R programming, Shiny Apps development, remote sensing, spatial data analysis, and data science applied to forestry. I am eager to apply my skills and enthusiasm in a dynamic and challenging environment, where I can make a meaningful contribution and foster growth.

Education

Master in Geomatics, Remote Sensing and Spatial Models Applied to Forest Management	*Córdoba, Spain*
UNIVERSITY OF CÓRDOBA	*2022-2023*
Expert Title in Advance Applied Statistics	*Online*
NATIONAL UNIVERSITY OF DISTANCE EDUCATION	*2022-2023*
Bachelor in Forestry and Landscape Engineering	*Lugo, Spain*
UNIVERSITY OF SANTIAGO DE COMPOSTELA	*2018-2022*
SICUE Exchange Programme - Forestry Engineering	*Córdoba, Spain*
UNIVERSITY OF CÓRDOBA	*09/2021-02/2022*
Erasmus - Forestry Engineering	*Joensuu, Finland*
UNIVERSITY OF EASTERN FINLAND	*01/2021-06/2021*
Certificate of Higher Education in Forestry	*Mondoñedo, Spain*
IES PLURILINGÜE SAN ROSENDO	*2016-2018*

Work Experience

Assistant Technician — *Ås - Norway*
NORWEGIAN UNIVERSITY OF LIFE SCIENCES — *March 2024 –> May 2024*
- Erasmus+ Internship from Master

Forest Engineer - GIS — *Córdoba - Spain*
UNIVERSITY OF CÓRDOBA — *September 2022 –> December 2023*
- PROJECT — LIFE-FAGESOS
- LANGUAGES USED — R, Markdown, SQL, HTML, CSS
- TOOLS USED — RStudio, Shiny, Quarto, ArcGIS Pro, Google Earth Engine, QGIS, PostgreSQL+PostGIS, VS Code, GitHub, Docker

R Teacher — *Online*
UDEMY — *July 2023 –> Present*
- COURSES — https://adrian-cidre.com/courses.html

Wildland Firefighter — *Galicia - Spain*
REPOBLACIÓN Y BOSQUETES, S.A. — *Summer 2021 –> Summer 2022*
- 2022 — Technician of wildland fire helitack crew
- 2021 — Foreman of wildland fire helitack crew

Forestry Erasmus Internship — *Brno - Czech Republic*
UNIVERSITY OF BRNO — *March 2021 –> May 2022*
- TASKS — Reforestation, pruning, forest inventory

Wildland Firefighter — *Galicia - Spain*
DEMONTES, S.L. — *Summer 2020*
- 2020 — Wildland firefighter at helitack crew

Wildland Firefighter — *Galicia - Spain*
DEMONTES, S.L. — *Summer 2019*
- 2019 — Wildland firefighter at helitack crew

Wildland Firefighter

Galicia - Spain
Summer 2018

Empresa Pública de Servicios Agrarios Galegos, S.A.

- 2018 — Wildland firefighter at terrestial crew

Forestry Internship

Galicia - Spain
March 2018 June 2018

Servitec Medioambiente, S.L.

- TASKS — Data analysis in QGIS, forest inventory

Skills

Programming Languages

R (top skill), JavaScript for Google Earth Engine

Other Languages

Markdown, CSS, HTML, SQL

Toolkit

RStudio, Shiny, Quarto, Google Earth Engine, ArcGIS Pro, QGIS, PostgreSQL & PostGIS, DuckDB, MongoDB Atlas, Git & GitHub, Docker

Projects

A Combined Habitat Suitability and Process-Based Model to Assess the Suitable Habitat and Virulence Potential of Phytophthora cinnamomi in Mediterranean Forest Ecosystems

Master Thesis

University of Córdoba

2023

- Publication pending

LIFE-FAGESOS WP2 — FAGESOS-GIS: Creation of a GIS-based service platform for disease impact and risk assessment

LIFE Project

University of Córdoba

2023

- Developed models of Phytophothora cinnamomi risk at Occidental Europe level

Fragmentation and and connectivity in dehesa ecosystems associated to Cerambycids dispersion in Sierra Morena: A Graph-Theory approach

Bachelor Thesis

University of Córdoba

2022

- Publication on review

Complementary Edutation

Business Science University

- Data Science for Business Part 1
- Data Science for Business Part 2
- Shiny Web Applications Part 1
- Shiny Web Applications Part 2
- High Performance Time Series

Courses of R in Udemy

- R Shiny Interactive Web Apps - Next Level Data Visualization
- Artificial Intelligence Bootcamp in R Programming
- Survival Analysis in R
- Spatial Data Analysis with R and QGIS
- Learn ggplot2 in R for Data Visualization
- Curso avanzado de estadística multivariante con R y Python
- Ecology in R

Other Courses in Udemy

- Mastering Data Visualization: Theory and Foundations
- The Complete SQL Bootcamp: Go from Zero to Hero
- Introduction to Spatial Databases with PostGIS and QGIS 3
- Python for Data Science and Machine Learning Bootcamp
- Google Earth Engine y Machine Learning: de cero a experto

Other relevant courses

- Inventarios Naturales de Flora y Fauna