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Education

- 2016 -** **PhD student.** Basque Centre for Climate Change-BC3 (Spain) and Universidad del País Vasco, Spain.
- 2014 - 2015** **M.Sc., Ecosystem Restoration.** Universidad de Alcalá, U. Complutense de Madrid, U. Politécnica de Madrid and U. Rey Juan Carlos (Spain).
Master Thesis: Management proposal for the conservation and the recreational-educational use in Punta Camorro (Tarifa, Cádiz)
- 2008 - 2013** **B.Sc., Environmental Sciences**
Universidad Autónoma de Madrid, Spain.

Research positions

- 2016** **Research Assistant**
Department of Life Sciences, Universidad de Alcalá, Spain.

Short research stays

- Theoretical & Experimental Ecology Station, CNRS** (Moulis, France).
13/02/2020 - 25/02/2020. Supervisor: Daniel Montoya
- School of Biological Sciences, Bristol University** (Bristol, UK)
11/03/2019 – 25/05/2019. Supervisor: Jane Memmott
- Natural History Museum of Denmark** (Copenhagen, Denmark)
26/02/2018 – 26/03/2018 & 22/10/2018 – 12/11/2018. Supervisor: Antton Alberdi

Scientific publications

Articles in peer-reviewed journals

- Rodríguez-Uña A, Salcedo I, Rodríguez-Echeverría S, Moreno-. Mateos D. 2021. Centennial recovery of mycorrhizal interactions in European beech forests after mining. *Restoration Ecology*. Submitted
- Moreno-Mateos D, Alberdi A, Morriën E, van der Putten W, **Rodríguez-Uña A**, Montoya D. 2020. The long-term restoration of ecosystem complexity. *Nature in Ecology and Evolution*.
- Rodríguez-Uña A**, Cruz-Alonso V, Rohrer Z, Martínez-Baroja L. 2020. Fresh perspectives for classic forest restoration challenges. *Restoration Ecology* 28: 12-15.
- Rodríguez-Uña A**, Hidalgo-Castañeda, J, Salcedo, I, Moreno-Mateos, D. 2019. Interaction recovery between European beech (*Fagus sylvatica*) and ectomycorrhizal fungi 140 years after the end of mining. *Ecosistemas* 28(2):61-68.

Book chapters

Moreno Mateos D, **Rodríguez Uña A**, Gamio Indakoetxea A. 2019. Historia de la minería, sus impactos y la recuperación forestal en la finca de Artikutza. In *Artikutza. Naturaleza e Historia*, Ayuntamiento de San Sebastián, pp 112-127.

Scientific presentationsInvited talks

Rodríguez-Uña A. Stability recovery of interaction networks in temperate forests after mining impacts caused since the Middle Ages (2018). University of Copenhagen

Conferences

Rodríguez Uña A, Moreno Mateos D. (2019) Stability recovery of interaction networks in temperate forests after mining impacts caused since the Middle Ages. *1st Meeting of the Iberian Ecological Society & XIV AEET Meeting* (Barcelona, Spain).

Moreno Mateos D, Alberdi A, **Rodríguez Uña A**. (2019) Understanding the long-term assembly of ecosystem complexity to advance a limited restoration. *1st Meeting of the Iberian Ecological Society & XIV AEET Meeting* (Barcelona, Spain).

Rodríguez Uña A, Moreno Mateos D. (2018) Recuperación de la estabilidad de las redes de interacción en ecosistemas forestales afectados por la minería desde la Edad Media. *IV Reunión conjunta de la SECF y de la AEET* (Alcázar de San Juan, Spain).

Rodríguez-Uña A. Stability recovery of interaction networks in temperate forests after mining impacts caused since the Middle Ages (2018). University of Copenhagen.

Martínez-Baroja L, Pérez-Camacho L, Villar-Salvador P, Rebollo S, Leverkus AB, Quíles P, Rebolé R, **Rodríguez-Uña A**, Gómez-Sánchez D, Molina-Morales M, Castro J, Rey-Benayas JM. (2017) Acorn dispersal by magpie (*Pica pica*) in a Mediterranean forest and farmland mosaic. An overlooked actor for oak woodland spread? *3rd Restoring Forest Congress* (Lund, Sweden).

Martínez-Baroja L, Pérez-Camacho L, Villar-Salvador P, Rebollo S, Rey-Benayas JM, Rebolé R, Quíles P, **Rodríguez-Uña A**, Castro J, Molina-Morales M, Leverkus AB. (2017) How did I arrive here? Dispersal of holm oak (*Quercus ilex*) acorns by magpie (*Pica pica*) in a forest and farmland mosaic. *MEDECOS XIV International Conference* (Sevilla, Spain).

Poster: Salcedo I, Cabero J, **Rodríguez-Uña A**, Moreno-Mateos D. (2019) The neglected hypogeous ectomycorrhizal fungi of Artikutza (Northern Navarre, Spain). *18th Congress of European Mycologists* (Varsovia, Polonia).

Session chair. *XVII EcoFlor meeting*, 2020 (Bilbao, Spain).

Volunteer. *III Jornadas Ibéricas de Ecología del Paisaje*, 2016 (Cáceres, Spain).

Volunteer. *II Foro Internacional de Restauración Ecológica*, 2015 (Madrid, Spain).

Grants and fellowships

2016	<i>“Tatiana Pérez de Guzmán el Bueno” Foundation</i> - PhD fellowship	70,500€
2016	<i>Awarded but rejected: “Contratación para la formación de personal investigador en la UPV/EHU”</i> - PhD fellowship	65,500€
2016	<i>European Social Fund (European Commission)</i> - Research assistant	25,000€

Participation in research projects

2020 - *Evaluando el papel de la diversidad del suelo en el mantenimiento de la funcionalidad de los hayedos en un escenario de cambio climático.*

Funding Agency: Basque Government

Institution: BC3-Basque Centre for Climate Change

Main Researcher: Dr. Teresa Gimeno

2016 - **REBECOM**-Estimación del tiempo de recuperación de bosques templados tras
2019 impactos antropogénicos históricos a lo largo de un gradiente de complejidad.

Funding Agency: Spanish Ministry of Science

Institution: BC3-Basque Centre for Climate Change

Main Researcher: Dr. David Moreno Mateos

Student supervision

2020 *Javier De La Casa Sánchez.* Master's thesis co-supervisor.

Master on Ecosystem Restoration. Universidad de Alcalá, Spain.

Service

Mentoring *Inspira-STEAM* (2019 and 2020): project to encourage scientific vocations in high-school female students.

Zientzia Azoka (2019 and 2020): mentoring high-school students to develop research projects.

Training Caravan (2018): program from BC3 to provide science-based answers about climate change, making science careers attractive for young people .

Other academic skills

Computer Statistical packages: RStudio, SPSS
GIS platforms: QGIS, ArcGIS, gvSIG, GlobalMapper, Idrisi, Envy
Biomolecular analysis: Geneious, MEGA, figtree, Seed2
Dendrochronology: CDendro and CooRecorder
Design software: GeoFluv-Natural Regrade, AutoCAD, Autocad Map 3D
Image processing: Image J, Engauge, Datathief

Data analysis Generalized and general linear models
Mixed models
Multivariate analysis
Meta-analytic models

Field work Southwestern Greenland
Spain: Artikutza (Navarra), Irati Forest (The Pyrenees), Ordesa y Monte Perdido National Park (The Pyrenees), Puerto de Canencia (Central System).

Additional formation

2021 *Study of microbiomes using high-throughput sequencing*
Universidad del País Vasco, Spain

2020 *Introduction to multilayer networks.*
AEET-Asociación Española de Ecología Terrestre, Spain

- 2019 *Ecological networks analysis*. Universidad Rey Juan Carlos, Spain
- 2017 *Molecular approaches for biodiversity detection*.
Universidad del País Vasco, Spain
- 2017 *Climate Change in an Era of Uncertainty*.
BC3-Basque Centre for Climate Change & Universidad del País Vasco, Spain
- 2016 *Optimizing the use of R for ecological analysis*.
AEET-Asociación Española de Ecología Terrestre, Spain
- 2016 *Exploratory Data Analysis and Linear Models in R*. Universidad de Alcalá, Spain
- 2014 *On-line course in Environmental Education*.
CENEAM-Centro Nacional de Educación Ambiental, Spain
- 2014 *Socioeconomic development around National Parks with organic agriculture*.
CENEAM-Centro Nacional de Educación Ambiental, Spain
- 2014 *Volunteering, exclusion and development cooperation*.
Universidad Politécnica de Madrid & Universidad Complutense de Madrid, Spain
- 2013 *Communication and Education for Climate Change*.
CENEAM-Centro Nacional de Educación Ambiental, Spain

Languages

- Spanish** Mother tongue
- English** Fluent (First Certificate in English, Advanced degree in Official Language School)
- French** Basic level

Academic societies

- Ecological Society of America (ESA), since 2019.
- British Ecological Society (BES), since 2017.
- Asociación Española de Ecología Terrestre (AEET), since 2016.
- Sociedad Ibérica de Ecología (SIBECOL), since 2019.

Professional experience

- 2014 - 2015** **Environmental Educator**. Escuela Rastros (Madrid, Spain)
- 2012 - 2015** **Environmental Educator**. Asociación Gaia (Madrid, Spain)

Media

- 2020** 18 media publications about *Rodríguez-Uña et al. 2019, Ecosistemas*.
(e.g. [EFE](#), [Europa Press](#), [La Vanguardia](#), [COPE](#), [Diario de Navarra](#), [eldiario.es](#), [SINC](#))
- 2019** Radio Euskadi, Hágase la luz: [Artikutza, un tesoro medioambiental a preservar](#)
- 2018** Podcast Oikos: [Hablamos con Asun Rodríguez, investigadora predoctoral del BC3](#)