



**Alexandra Rodríguez  
Pereiras**

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## Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

I am a terrestrial ecosystem ecologist interested in the effect of environmental perturbations and global change drivers on plant-microbes-soil interactions and ecosystem functioning, with specific interest on nutrient cycling. I started my PhD in 2014 (University of Vigo, Spain) and finish it with honors and the Extraordinary Prize of Doctorate in 2019 (University Pablo de Olavide, Spain). My PhD thesis focused on the effect of wildfires and plant species on the spatial distribution of soil nutrients. During my PhD, I also closely collaborated in a study focused in the long-term effects of wildfires on nitrogen (N) and phosphorus (P) cycles in forests. In 2010, I obtained a Fulbright postdoctoral fellowship to study the role of N deposition and tree species composition on soil carbon (C) and N sequestration in the soil of temperate forests. I carried out this postdoctoral research at the Cary Institute of Ecosystem Studies (USA). There, I also collaborated in two other research lines focused on evaluating 1) how reduced snow accumulation due to climate change affects greenhouse gas (GHG) fluxes and C and N cycling, and 2) how the combined effect of soil N additions and more frequent soil drying–rewetting events affects soil microbial diversity and functioning. Since I came back to Spain (2012), my research has been mainly focused on understanding the effects of climate change and drought-induce tree die-off on soil microbial diversity and function of Mediterranean ecosystems, first as a postdoctoral researcher at the National Museum of Natural Sciences in Madrid (Spain) and now as a postdoctoral researcher at the Centre for Functional Ecology (Portugal; maternity leave from February 9th to July 8th, 2019). Besides currently co-leading a scientific study about Brazilian Cerrado functionality and its vulnerability to climate change, and a research project about the effects of projected changes in climate on the soil-atmosphere GHG exchange in drylands, I am also closely collaborating in other six (European, Spanish and Portuguese) research projects.

Throughout my scientific career, I have been honoured with eight grants that allowed me to do research at different universities/centres and to establish collaborations with several international/national research groups (> 70 collaborators). I have actively participated in 20 projects, including a USA project in which I was the PI, a Brazilian project I co-led, and a Portuguese project in which I am currently co-PI. I have 25 articles published in SCI journals (plus 2 more under review); 23 of them in Q1 journals, and I am first and second author in 12 and 8 (80%) of them, respectively. These papers accumulate so far 323 citations, with an h-index=13 (WOS; 519 citation and h= 16 in Google Scholar). I have co-authored 5 book chapters. I have supervised a PhD thesis, a Master thesis and an End of course project, along with many research stays. I have experience teaching at the degree level (80 hours) and I have tutored and helped organising two international workshops about global change. I am evaluator of projects for the Spanish research agency, consulting editor of the SCI Journal Plant and Soil, a regular reviewer of 6 SCI journals, and I have participated in two PhD evaluation committees. I have 30 contributions at national and international conferences, and I have participated in several outreach activities such as scientific podcasts, videoclips and museum expositions.



## General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Supervision of PhD thesis in the last 10 years: 1

Ongoing supervision of PhD thesis in the last 10 years: 1(Defense planned for February 7th, 2020)

Number of papers in SCI journals: 25 + 2 under review; 80% as first or second author

Number of papers in the first quartile (Q1): 23

Total citations: 323 (WoS); 518 (Google Scholar)

Average of citations/year in the last 5 years: 33(WoS); (59 (Google Scholar)

H-index: 13 (WoS); 16 (Google Scholar)



## Alexandra Rodríguez Pereiras

Surname(s): **Rodríguez Pereiras**  
Name: **Alexandra**  
ORCID: **0000-0001-5849-8778**  
ScopusID: **22954070300**  
ResearcherID: **C-2879-2015**  
Personal web page: **<http://arodriguezpereiras.wix.com/personal>**

### Current professional situation

**Employing entity:** Fundação para a Ciência e a Tecnologia **Type of entity:** State agency

**Department:** Center for Functional Ecology (CEF), University of Coimbra

**Professional category:** Postdoctoral researcher (FCT)

**Start date:** 01/02/2016

**Type of contract:** Grant-assisted student (pre or post-doctoral, others) **Dedication regime:** Full time

### Previous positions and activities

	Employing entity	Professional category	Start date
1	Museo Nacional de Ciencias Naturales	Postdoctoral researcher (JAE-DOC)	01/02/2013
2	Cary Institute of Ecosystem Studies	Fulbright Postdoctoral Researcher	15/09/2010
3	Universidad Pablo de Olavide	Postdoctoral researcher (Ayuda Puente)	01/08/2009
4	Universidad Pablo de Olavide	Research Assistant (Contratado laboral de apoyo a la investigación)	01/04/2007
5	XUNTA DE GALICIA	Predoctoral Fellow	01/10/2004
6	XUNTA DE GALICIA	Predoctoral Fellow	01/07/2003
7	Universidade de Vigo	Predoctoral Fellow	03/01/2003
8	Universidade de Vigo	Research assistant Fellow	15/09/2001

**1** **Employing entity:** Museo Nacional de Ciencias Naturales **Type of entity:** State agency

**Professional category:** Postdoctoral researcher (JAE-DOC)

**Start-End date:** 01/02/2013 - 31/01/2016

**Duration:** 3 years

**2** **Employing entity:** Cary Institute of Ecosystem Studies **Type of entity:** Non Profit Research Institution

**Professional category:** Fulbright Postdoctoral Researcher

**Start-End date:** 15/09/2010 - 14/09/2012

**Duration:** 2 years



- 3** **Employing entity:** Universidad Pablo de Olavide **Type of entity:** University  
**Professional category:** Postdoctoral researcher (Ayuda Puente)  
**Start-End date:** 01/08/2009 - 31/01/2010 **Duration:** 6 months
- 4** **Employing entity:** Universidad Pablo de Olavide **Type of entity:** University  
**Professional category:** Research Assistant (Contratado laboral de apoyo a la investigación)  
**Start-End date:** 01/04/2007 - 30/04/2009 **Duration:** 2 years - 1 month
- 5** **Employing entity:** XUNTA DE GALICIA  
**Professional category:** Predoctoral Fellow  
**Start-End date:** 01/10/2004 - 30/09/2006 **Duration:** 2 years
- 6** **Employing entity:** XUNTA DE GALICIA  
**Professional category:** Predoctoral Fellow  
**Start-End date:** 01/07/2003 - 30/09/2004 **Duration:** 1 year - 3 months
- 7** **Employing entity:** Universidade de Vigo **Type of entity:** University  
**Professional category:** Predoctoral Fellow  
**Start-End date:** 03/01/2003 - 30/06/2003 **Duration:** 6 months
- 8** **Employing entity:** Universidade de Vigo **Type of entity:** University  
**Professional category:** Research assistant Fellow  
**Start-End date:** 15/09/2001 - 14/09/2002 **Duration:** 1 year



## Education

### University education

#### 1st and 2nd cycle studies and pre-Bologna degrees

**1 University degree:** Doctorate**Name of qualification:** Doctorado**Degree awarding entity:** Universidad Pablo de Olavide**Type of entity:** University**Date of qualification:** 12/05/2009**2 University degree:** Higher degree**Name of qualification:** Licenciada en Biología**Degree awarding entity:** Universidade de Vigo**Type of entity:** University**Date of qualification:** 08/10/2002

#### Doctorates

**Doctorate programme:** Biología de los organismos y ecosistemas**Degree awarding entity:** Universidad Pablo de Olavide**Type of entity:** University**City degree awarding entity:** Sevilla, Andalusia, Spain**Date of degree:** 12/05/2009**DEA awarding entity:** Universidade de Vigo**Date DEA was awarded:** 27/09/2004**European doctorate:** No**Thesis title:** Pinus canariensis, Adenocarpus viscosas y fuego. Factores de heterogeneidad espacial de los recursos del suelo**Thesis director:** Antonio Gallardo Correa**Thesis co-director:** José María Fernández Palacios**Obtained qualification:** Summa Cum Laude**Recognition of quality:** Yes**Special doctorate award:** Yes**Date of award:** 25/02/2010

### Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Portuguese	C1	C1	C1	C1	B2
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C2	C2	C2
Gallegan	C2	C2	C2	C2	C2



## Teaching experience

### General teaching experience

- 1 Name of the course:** Biología marina / Marine biology  
**Type of programme:** Bachelor's degree  
**University degree:** Ciencias del Mar / Marine science  
**Start date:** 2006  
**End date:** 2007  
**Hours/ECTS credits:** 3  
**Entity:** Universidade de Vigo

**Type of teaching:** Laboratory work  
**End date:** 2007  
**Type of hours/ ECTS credits:** Credits  
**Type of entity:** University
- 2 Name of the course:** Biología marina / Marine biology  
**Type of programme:** Bachelor's degree  
**University degree:** Ciencias del Mar / Marine science  
**Start date:** 2005  
**End date:** 2006  
**Hours/ECTS credits:** 2  
**Entity:** Universidade de Vigo

**Type of teaching:** Laboratory work  
**End date:** 2006  
**Type of hours/ ECTS credits:** Credits  
**Type of entity:** University
- 3 Name of the course:** Biología marina / Marine biology  
**Type of programme:** Bachelor's degree  
**University degree:** Ciencias del Mar / Marine science  
**Start date:** 2004  
**End date:** 2005  
**Hours/ECTS credits:** 3  
**Entity:** Universidade de Vigo

**Type of teaching:** Laboratory work  
**End date:** 2005  
**Type of hours/ ECTS credits:** Credits  
**Type of entity:** University

### Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Climate change effects on nutrient cycling and greenhouse gasses in cork-oak forests of Southern Spain  
**Type of project:** Master thesis  
**Co-director of thesis:** Jorge Durán Humia  
**Entity:** University of Coimbra  
**City of entity:** Coimbra, Portugal  
**Student:** India Southern  
**Date of reading:** 06/09/2019
- 2 Project title:** Estoques atuais e futuros de carbono, nitrogênio e fósforo do solo no Cerrado  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Jorge Durán Humia; João Augusto Alves Meira Neto  
**Entity:** Federal University of Viçosa  
**City of entity:** Brazil  
**Student:** Fernando Da Costa Brito Lacerda  
**Date of reading:** 12/07/2019

**Type of entity:** University



- 3** **Project title:** Efeito das mudanças de temperatura e da umidade do solo no intercâmbio de gases de efeito estufa entre o solo e a atmosfera em um gradiente de aridez  
**Type of project:** End of course project  
**Co-director of thesis:** Alexandra Rodríguez Pereiras; Jorge Durán Humia; Marcos Vinícius Carneiro Vital  
**Entity:** Federal University of Alagoas **Type of entity:** University  
**City of entity:** Brazil  
**Student:** Luciana Mayara Mendonça de Almeida  
**Obtained qualification:** 18.2  
**Date of reading:** 14/12/2017
- 4** **Project title:** Relações planta-solo e processos ecossistêmicos sob redução de chuva em três fitofisionomias do Cerrado  
**Type of project:** Doctoral thesis  
**Co-director of thesis:** Jorge Durán Humia; João Augusto Alves Meira Neto  
**Entity:** Federal University of Viçosa **Type of entity:** University  
**City of entity:** Brazil  
**Student:** Nayara Mesquita Mota

## Scientific and technological experience

### Research and development groups/teams

- 1** **Name of the group:** ORGANISMOS Y SISTEMAS (ORGSIS)  
**Standardised code:** RNM359 **Type of collaboration:** Co-authorship of publications  
**Affiliation entity:** Universidad Pablo de Olavide **Type of entity:** University  
**Start date:** 01/03/2017
- 2** **Name of the group:** Biogeochemistry and global change  
**Type of collaboration:** Co-authorship of publications  
**Affiliation entity:** Centre for Functional Ecology (University of Coimbra) **Type of entity:** R&D Centre  
**Start date:** 01/02/2016
- 3** **Name of the group:** Ecología del Cambio Global  
**Type of collaboration:** Co-authorship of projects and their development  
**Affiliation entity:** Museo Nacional de Ciencias Naturales **Type of entity:** State agency  
**Start date:** 01/02/2013 **Duration:** 3 years
- 4** **Name of the group:** Estructura y Función en Ecosistemas Mediterráneos / Structure and Function of Mediterranean Ecosystems  
**Standardised code:** RNM313 **Type of collaboration:** Co-authorship of publications  
**Affiliation entity:** Universidad Pablo de Olavide **Type of entity:** University  
**Start date:** 01/04/2007 **Duration:** 10 years



## Scientific or technological activities

### R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** The effect of global warming on the diversity and functioning of alpine ecosystems in Serra da Estrela, an endangered mountain range in the temperate- Mediterranean transition zone

**Degree of contribution:** Researcher

**Entity where project took place:** Universidade de Coimbra

**City of entity:** Coimbra, Portugal

**Name principal investigator (PI, Co-PI....):** Susana Rodríguez Echeverría

**Funding entity or bodies:**  
Fundação para a Ciência e a Tecnologia (Portugal)

**Start-End date:** 2019 - 2022

**Total amount:** 239.371,2 €
- 2** **Name of the project:** Understanding resin production in Pinus pinaster to maximize yield in a more sustainable way

**Degree of contribution:** Researcher

**Entity where project took place:** Universidade de Coimbra

**City of entity:** Coimbra, Portugal

**Name principal investigator (PI, Co-PI....):** Nuria García Forner

**Funding entity or bodies:**  
Fundação para a Ciência e a Tecnologia (Portugal)

**Start-End date:** 2018 - 2021

**Total amount:** 239.235,58 €
- 3** **Name of the project:** Unveiling the drivers of greenhouse gasses emissions from drylands and their sensitivity to climate change (UNDERCLIME)

**Degree of contribution:** Scientific coordinator

**Entity where project took place:** Universidade de Coimbra

**City of entity:** Coimbra, Portugal

**Name principal investigator (PI, Co-PI....):** Jorge Durán Humia; Alexandra Rodríguez Pereiras

**Funding entity or bodies:**  
Fundação para a Ciência e a Tecnologia (Portugal)

**Start-End date:** 2018 - 2021

**Total amount:** 237.326,77 €
- 4** **Name of the project:** Biological feedbacks and ecosystem resilience under global change: a new perspective on drylands desertification (BIODESERT)

**Degree of contribution:** Researcher

**Entity where project took place:** Universidad Rey Juan Carlos    **Type of entity:** University

**City of entity:** Madrid, Spain

**Name principal investigator (PI, Co-PI....):** Fernando T. Maestre Gil

**Funding entity or bodies:**  
European Research Council

**Start-End date:** 2016 - 2020



- 5** **Name of the project:** Biodiversidad, organización tridimensional, funcionamiento e interrelaciones en cubiertas criptogámicas de regiones polares y áridas (CRYPTOBIOS)  
**Degree of contribution:** Researcher  
**Entity where project took place:** Museo Nacional **Type of entity:** State agency  
de Ciencias Naturales  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Asunción de los Ríos Murillo  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad **Type of entity:** State agency  
**Start-End date:** 2016 - 2019
- 6** **Name of the project:** Efectos de la interacción del cambio climático y los patógenos exóticos sobre las comunidades bióticas de bosques mixtos mediterráneos (INTERCAPA)  
**Degree of contribution:** Researcher  
**Entity where project took place:** Instituto de **Type of entity:** State agency  
Recursos Naturales y Agrobiología de Sevilla  
**City of entity:** Sevilla, Spain  
**Name principal investigator (PI, Co-PI....):** Lorena Gómez Aparicio  
**Funding entity or bodies:**  
Ministerio de Ciencia e Innovación **Type of entity:** Body, others  
**Start-End date:** 2016 - 2018
- 7** **Name of the project:** Greenhouse gases exchange between the soil and the atmosphere in drylands of the Iberian Peninsula: biotic and abiotic modulation, mechanistic processes, and effects of climate change  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidade de Coimbra  
**City of entity:** Coimbra, Portugal  
**Name principal investigator (PI, Co-PI....):** Jorge Durán Humia  
**Funding entity or bodies:**  
Fundação para a Ciência e a Tecnologia (Portugal)  
**Start-End date:** 2015 - 2018  
**Total amount:** 50.000 €
- 8** **Name of the project:** Consecuencias de la deposición atmosférica de nitrógeno y fósforo en las comunidades vegetales y microbiota del suelo en sistemas de alta montaña  
**Degree of contribution:** Researcher  
**Entity where project took place:** Estación **Type of entity:** State agency  
Experimental de Zonas Áridas  
**City of entity:** Almería, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Cristina Armas Kulik  
**Funding entity or bodies:**  
Ministerio de Economía y Competitividad **Type of entity:** State agency  
**Start-End date:** 2015 - 2018  
**Total amount:** 62.624,4 €
- 9** **Name of the project:** Present and future functioning of carbon- and nitrogen-related processes and dispersal processes in the Brazilian savanna (CONCERN)  
**Degree of contribution:** Scientific coordinator  
**Entity where project took place:** Universidade Federal de Viçosa



**City of entity:** Viçosa, Brazil

**Name principal investigator (PI, Co-PI....):** João Augusto Alves Meira Neto

**Funding entity or bodies:**

Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq)

**Start-End date:** 2015 - 2017

**Total amount:** 40.000 €

**10 Name of the project:** Restauración y conservación de los ecosistemas mediterráneos: respuesta frente al cambio global (REMEDINAL3-CM)

**Degree of contribution:** Others

**Entity where project took place:** Universidad Rey Juan Carlos **Type of entity:** University

**City of entity:** Madrid, Spain

**Name principal investigator (PI, Co-PI....):** Adrian Escudero Alcántara; Fernando Valladares Ros

**Funding entity or bodies:**

Consejería de Educación **Type of entity:** Otros

**City funding entity:** Madrid, Community of Madrid, Spain

**Type of participation:** Team member

**Start-End date:** 2014 - 2017

**Total amount:** 716.000 €

**11 Name of the project:** Vulnerabilidad de los encinares al cambio climático: mecanismos e influencia del manejo histórico sobre los servicios ecosistémicos

**Degree of contribution:** Researcher

**Entity where project took place:** Museo Nacional de Ciencias Naturales **Type of entity:** State agency

**City of entity:** Madrid, Community of Madrid, Spain

**Name principal investigator (PI, Co-PI....):** Jorge Curiel Yuste; Fernando Valladares Ros

**Funding entity or bodies:**

Ministerio de Economía y Competitividad **Type of entity:** State agency

**Start-End date:** 2014 - 2017

**Total amount:** 176.000 €

**12 Name of the project:** Vulnerabilidad de poblaciones de plantas leñosas mediterráneas al cambio global: efectos interactivos de la marginalidad y la fragmentación sobre su regeneración

**Degree of contribution:** Others

**Entity where project took place:** Museo Nacional de Ciencias Naturales **Type of entity:** State agency

**City of entity:** Madrid, Community of Madrid, Spain

**Name principal investigator (PI, Co-PI....):** Fernando Valladares Ros

**Funding entity or bodies:**

Ministerio de Ciencia e Innovación **Type of entity:** State agency

**Type of participation:** Team member

**Start-End date:** 2012 - 2014

**Total amount:** 110.000 €

**13 Name of the project:** Functional significance of forest biodiversity in Europe (FUNDIV)

**Degree of contribution:** Others

**City of entity:** Spain

**Name principal investigator (PI, Co-PI....):** Michael Scherer-Lorenzen

**Funding entity or bodies:**

European Union. 7th Framework Programm

**Type of participation:** Team member**Start-End date:** 2010 - 2014**Total amount:** 2.500.000 €

- 14** **Name of the project:** Restauración y conservación de los ecosistemas madrileños: Respuesta frente al cambio global  
**Degree of contribution:** Others  
**Entity where project took place:** Universidad Rey Juan Carlos **Type of entity:** University  
**City of entity:** Madrid, Spain  
**Name principal investigator (PI, Co-PI....):** Adrian Escudero Alcántara; Fernando Valladares Ros  
**Funding entity or bodies:** Consejería de Educación **Type of entity:** Otros  
**City funding entity:** Madrid, Community of Madrid, Spain  
**Type of participation:** Team member  
**Start-End date:** 2010 - 2013  
**Total amount:** 828.000 €
- 15** **Name of the project:** Assessing the Role of Tree Species and Nitrogen Deposition in Stabilizing Carbon in Northern Hardwood Forest Soils  
**Degree of contribution:** Scientific coordinator  
**Entity where project took place:** Cary Institute of Ecosystem Studies **Type of entity:** R&D Centre  
**City of entity:** Millbrook, United States of America  
**Name principal investigator (PI, Co-PI....):** Alexandra Rodríguez Pereiras; Gary M. Lovett  
**Nº of researchers:** 2  
**Start-End date:** 15/06/2011 - 06/2012  
**Total amount:** 16.000 €  
**Dedication regime:** Full time
- 16** **Name of the project:** La red viaria como componente de cambio ecológico global: perturbaciones de la diversidad animal por las carreteras y el tráfico motorizado en ecosistemas mediterráneos  
**Geographical area:** Plan propio  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad Pablo de Olavide **Type of entity:** University  
**City of entity:** Sevilla, Andalusia, Spain  
**Name principal investigator (PI, Co-PI....):** Juan Domingo Delgado García  
**Type of participation:** Others  
**Start-End date:** 2009 - 2011  
**Dedication regime:** Part time
- 17** **Name of the project:** Estimación del nitrógeno orgánico disuelto en ecosistemas mediterráneos y su relevancia en el ciclo del nitrógeno  
**Geographical area:** Plan propio  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad Pablo de Olavide **Type of entity:** University  
**City of entity:** Sevilla, Andalusia, Spain



**Name principal investigator (PI, Co-PI....):** Felisa Covelo Núñez  
**Type of participation:** Others  
**Start-End date:** 01/07/2006 - 30/06/2009  
**Dedication regime:** Part time

**18 Name of the project:** Cambios en la disponibilidad de nitrógeno y fósforo y en la fijación biológica de nitrógeno durante el desarrollo del ecosistema  
**Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidade de Vigo **Type of entity:** University  
**City of entity:** Vigo, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Antonio Gallardo Correa  
**Start-End date:** 01/10/2006 - 30/04/2009  
**Dedication regime:** Full time

**19 Name of the project:** Efecto del fuego sobre la variabilidad espacial de recursos para las plantas y su relación con la regeneración natural en comunidades de Pinus canariensis  
**Geographical area:** National  
**Degree of contribution:** Others  
**Entity where project took place:** Universidade de Vigo **Type of entity:** University  
**City of entity:** Vigo, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Antonio Gallardo Correa  
**Type of participation:** Team member  
**Start-End date:** 01/12/2003 - 30/11/2006  
**Dedication regime:** Part time

**20 Name of the project:** Efecto del fuego, luz y agua sobre la dinámica de Quercus robur y Quercus pyrenaica en Galicia: modelos y aplicaciones.  
**Geographical area:** Regional  
**Degree of contribution:** Others  
**Entity where project took place:** Universidade de Vigo **Type of entity:** University  
**City of entity:** Vigo, Galicia, Spain  
**Name principal investigator (PI, Co-PI....):** Antonio Gallardo Correa  
**Type of participation:** Team member  
**Start-End date:** 01/09/2001 - 31/08/2002  
**Dedication regime:** Part time



## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Alexandra Rodríguez; Tommaso Chiti; Ana Rey; Jorge Durán. Forest die-off reduces soil C and N content and increases C stability in a {Mediterranean} woodland. *Geoderma*. 359, pp. 113990 - 113990. 02/2020. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0016706119314879>>. ISSN 0016-7061  
**Type of production:** Scientific paper **Format:** Journal
- 2** Jorge Durán; Alexandra Rodríguez; Javier Méndez; Gustavo Morales; José María Fernández-Palacios; Antonio Gallardo. Wildfires decrease the local-scale ecosystem spatial variability of *Pinus canariensis* forests during the first two decades post fire. *International Journal of Wildland Fire*. 28 - 4, pp. 288 - 294. 05/2019. Available on-line at: <<https://www.publish.csiro.au/wf/WF18145>>. ISSN 1448-5516  
**Type of production:** Scientific paper **Format:** Journal
- 3** Juan D. Delgado; Jorge Durán Humia; Alexandra Rodríguez Pereiras; Antonio Rosal; María del Valle Palenzuela; Federico Morelli; Natalia L. Arroyo Hernández; Jesús Rodríguez Sánchez. The spatial distribution of animal casualties within a road corridor: Implications for roadkill monitoring in the southern Iberian rangelands. *Transportation Research Part D: Transport and Environment*. 67, pp. 119 - 130. 02/2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S1361920918304267>>. ISSN 1361-9209  
**Type of production:** Scientific paper **Format:** Journal
- 4** Alexandra Rodríguez; Jorge Durán; Ana Rey; Ioanna Boudouris; Fernando Valladares; Antonio Gallardo; Jorge Curiel Yuste. Interactive effects of forest die-off and drying-rewetting cycles on C and N mineralization. *Geoderma*. 333, pp. 81 - 89. 01/2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S001670611830435X>>. ISSN 0016-7061  
**Type of production:** Scientific paper **Format:** Journal
- 5** Sara Varela; A. Márcia Barbosa; Jorge Durán; Fernando Martínez-Freiría; José González; Alexandra Rodríguez; Pedro Tarroso; Guillermo Velo-Antón. BioExtreme workshop, O Rosal (Galicia, España), verano 2018. *Revista Ecosistemas*. 27 - 3, pp. 144 - 144. 12/2018. Available on-line at: <<https://www.revistaecosistemas.net/index.php/ecosistemas/article/view/1667>>. ISSN 1697-2473  
**Type of production:** Scientific paper **Format:** Journal
- 6** Juan D. Delgado; Federico Morelli; Natalia L. Arroyo; Jorge Durán; Alexandra Rodríguez; Antonio Rosal; María Del Valle Palenzuela; Jesús D. G. P. Rodríguez. Is vertebrate mortality correlated to potential permeability by underpasses along low-traffic roads?. *Journal of Environmental Management*. 221, pp. 53 - 62. 09/2018. ISSN 1095-8630  
**Type of production:** Scientific paper **Format:** Journal
- 7** José R. Verdú; Jorge M. Lobo; Francisco Sánchez-Piñero; Belén Gallego; Catherine Numa; Jean-Pierre Lumaret; Vieyle Cortez; Antonio J. Ortiz; Mattia Tonelli; Juan P. García-Teba; Ana Rey; Alexandra Rodríguez; Jorge Durán. Ivermectin residues disrupt dung beetle diversity, soil properties and ecosystem functioning: An interdisciplinary field study. *The Science of the Total Environment*. 618, pp. 219 - 228. 03/2018. ISSN 1879-1026  
**Type of production:** Scientific paper **Format:** Journal



- 8** Alexandra Rodríguez; Jorge Curiel Yuste; Ana Rey; Jorge Durán; Raúl García-Camacho; Antonio Gallardo; Fernando Valladares. Holm oak decline triggers changes in plant succession and microbial communities, with implications for ecosystem C and N cycling. *Plant and Soil*. 414 - 1-2, pp. 247 - 263. 05/2017. Available on-line at: <<https://link.springer.com/article/10.1007/s11104-016-3118-4>>. ISSN 2320-7035  
**Type of production:** Scientific paper **Format:** Journal
- 9** Jorge Durán; Jennifer L. Morse; Alexandra Rodríguez; John L. Campbell; Lynn M. Christenson; Charles T. Driscoll; Timothy J. Fahey; Melany C. Fisk; Myron J. Mitchell; Pamela H. Templer; Peter M. Groffman. Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. *Soil Biology and Biochemistry*. 107, pp. 77 - 84. 04/2017. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0038071716308410>>. ISSN 0038-0717  
**Type of production:** Scientific paper **Format:** Journal
- 10** Lourdes Morillas; Jorge Durán; Alexandra Rodríguez; Javier Roales; Antonio Gallardo; Gary M. Lovett; Peter M. Groffman. Nitrogen supply modulates the effect of changes in drying–rewetting frequency on soil C and N cycling and greenhouse gas exchange. *Global Change Biology*. 21 - 10, pp. 3854 - 3863. 2015. Available on-line at: <<https://onlinelibrary.wiley.com/doi/abs/10.1111/gcb.12956>>. ISSN 1365-2486  
**Type of production:** Scientific paper **Format:** Journal
- 11** Alexandra Rodríguez; Gary M. Lovett; Kathleen C. Weathers; Mary A. Arthur; Pamela H. Templer; Christine L. Goodale; Lynn M. Christenson. Lability of C in temperate forest soils: Assessing the role of nitrogen addition and tree species composition. *Soil Biology and Biochemistry*. 77, pp. 129 - 140. 10/2014. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0038071714002363>>. ISSN 0038-0717  
**Type of production:** Scientific paper **Format:** Journal
- 12** Jorge Durán; Alexandra Rodríguez; Jennifer L. Morse; Peter M. Groffman. Winter climate change effects on soil C and N cycles in urban grasslands. *Global Change Biology*. 19 - 9, pp. 2826 - 2837. 09/2013. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1111/gcb.12238/abstract>>. ISSN 1365-2486  
**Type of production:** Scientific paper **Format:** Journal
- 13** J. Durán; M. Delgado-Baquerizo; A. Rodríguez; F. Covelo; A. Gallardo. Ionic exchange membranes (IEMs): A good indicator of soil inorganic N production. *Soil Biology and Biochemistry*. 57, pp. 964 - 968. 02/2013. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S003807171200291X>>. ISSN 0038-0717  
**Type of production:** Scientific paper **Format:** Journal
- 14** Jorge Durán; Alexandra Rodríguez; Felisa Covelo; José María Fernández-Palacios; Antonio Gallardo. Comparing the use of leaf and soil analysis as N and P availability indices in a wildfire chronosequence. *European Journal of Forest Research*. 131 - 5, pp. 1327 - 1335. 09/2012. Available on-line at: <<https://doi.org/10.1007/s10342-012-0601-1>>. ISSN 1612-4677  
**Type of production:** Scientific paper **Format:** Journal
- 15** Alexandra Rodríguez; Jorge Durán; Felisa Covelo; José María Fernández-Palacios; Antonio Gallardo. Spatial pattern and variability in soil N and P availability under the influence of two dominant species in a pine forest. *Plant and Soil*. 345 - 1-2, pp. 211 - 221. 04/2011. Available on-line at: <<http://link.springer.com/article/10.1007/s11104-011-0772-4>>. ISSN 1573-5036  
**Type of production:** Scientific paper **Format:** Journal
- 16** Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo. Changes in leaf nutrient traits in a wildfire chronosequence. *Plant and Soil*. 331 - 1, pp. 69 - 77. 06/2010. Available on-line at: <<https://doi.org/10.1007/s11104-009-0232-6>>. ISSN 1573-5036  
**Type of production:** Scientific paper **Format:** Journal



- 17** Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo. Long-term decrease of organic and inorganic nitrogen concentrations due to pine forest wildfire. *Annals of Forest Science*. 67 - 2, pp. 207 - 207. 01/2010. Available on-line at: <<https://doi.org/10.1051/forest/2009100>>. ISSN 1297-966X  
**Type of production:** Scientific paper **Format:** Journal
- 18** A. Rodríguez; J. Durán; J. M. Fernández-Palacios; A. Gallardo. Spatial variability of soil properties under *Pinus canariensis* canopy in two contrasting soil textures. *Plant and Soil*. 322 - 1, pp. 139 - 150. 09/2009. Available on-line at: <<https://doi.org/10.1007/s11104-009-9901-8>>. ISSN 1573-5036  
**Type of production:** Scientific paper **Format:** Journal
- 19** A. Rodríguez; J. Durán; J. M. Fernández-Palacios; A. Gallardo. Spatial pattern and scale of soil N and P fractions under the influence of a leguminous shrub in a *Pinus canariensis* forest. *Geoderma*. 151 - 3, pp. 303 - 310. 07/2009. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0016706109001463>>. ISSN 0016-7061  
**Type of production:** Scientific paper **Format:** Journal
- 20** Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo. Changes in net N mineralization rates and soil N and P pools in a pine forest wildfire chronosequence. *Biology and Fertility of Soils*. 45 - 7, pp. 781 - 788. 06/2009. Available on-line at: <<http://link.springer.com/article/10.1007/s00374-009-0389-4>>. ISSN 1432-0789  
**Type of production:** Scientific paper **Format:** Journal
- 21** Alexandra Rodríguez; Jorge Durán; José María Fernández-Palacios; Antonio Gallardo. Short-term wildfire effects on the spatial pattern and scale of labile organic-N and inorganic-N and P pools. *Forest Ecology and Management*. 257 - 2, pp. 739 - 746. 01/2009. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0378112708007640>>. ISSN 0378-1127  
**Type of production:** Scientific paper **Format:** Journal
- 22** Alexandra Rodríguez; Jorge Durán; José María Fernández-Palacios; Antonio Gallardo. Wildfire changes the spatial pattern of soil nutrient availability in *Pinus canariensis* forests. *Annals of Forest Science*. 66 - 2, pp. 210 - 210. 01/2009. Available on-line at: <<https://doi.org/10.1051/forest/2008092>>. ISSN 1297-966X  
**Type of production:** Scientific paper **Format:** Journal
- 23** Felisa Covelo; Alexandra Rodríguez; Antonio Gallardo. Spatial pattern and scale of leaf N and P resorption efficiency and proficiency in a *Quercus robur* population. *Plant and Soil*. 311 - 1, pp. 109 - 119. 10/2008. Available on-line at: <<http://dx.doi.org/10.1007/s11104-008-9662-9>>. ISSN 0378-1127  
**Type of production:** Scientific paper **Format:** Journal
- 24** Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo. Changes in soil N and P availability in a *Pinus canariensis* fire chronosequence. *Forest Ecology and Management*. 256 - 3, pp. 384 - 387. 07/2008. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0378112708003770>>. ISSN 0378-1127  
**Type of production:** Scientific paper **Format:** Journal
- 25** Jorge Durán Humia; Alexandra Rodríguez Pereiras; José María Fernández-Palacios Martínez; Antonio Gallardo. Disponibilidad de nutrientes de una cronosecuencia de incendios en bosques de "*Pinus canariensis*". *Cuadernos de la Sociedad Española de Ciencias Forestales*. 25, pp. 173 - 178. 2008. Available on-line at: <<https://dialnet.unirioja.es/servlet/articulo?codigo=4249393>>. ISSN 1575-2410, 2386-8368  
**Type of production:** Scientific paper **Format:** Journal
- 26** Alexandra Rodríguez Pereiras; Jorge Durán Humia; José María Fernández-Palacios Martínez; Antonio Gallardo. El fuego cambia el patrón espacial de nutrientes en ecosistemas de "*Pinus canariensis*". *Cuadernos de la Sociedad Española de Ciencias Forestales*. 25, pp. 387 - 393. 2008. Available on-line at: <<https://dialnet.unirioja.es/servlet/articulo?codigo=4251329>>. ISSN 2386-8368  
**Type of production:** Scientific paper **Format:** Journal





- 27** A. Rodríguez; J. Durán; A. Gallardo. Influence of legumes on N cycling in a heathland in northwest Spain. *Web Ecology*. 7 - 1, pp. 87 - 93. 10/2007. Available on-line at: <<https://www.web-ecol.net/7/87/2007/>>. ISSN 2193-3081  
**Type of production:** Scientific paper **Format:** Journal
- 28** A. Rodríguez; Antonio Gallardo Cano. Efecto de las leguminosas en el ciclo del nitrógeno de un matorral atlántico. *Cuadernos de la Sociedad Española de Ciencias Forestales*. 20, pp. 203 - 208. 2005. Available on-line at: <<https://dialnet.unirioja.es/servlet/articulo?codigo=2982828>>. ISSN 1575-2410, 2386-8368  
**Type of production:** Scientific paper **Format:** Journal
- 29** Demuestran el papel modulador de la deposición de nitrógeno en las respuestas de los suelos al cambio climático. *Diario de la Universidad Pablo de Olavide*. 22/05/2015.  
**Type of production:** Popular science article **Format:** Journal
- 30** An international project will take a closer look at the functioning of the Cerrado in Brazil. *DICYT*. 14/05/2015.  
**Type of production:** Popular science article **Format:** Journal
- 31** The effects of climatic change on soil microorganisms are modulated by the depositing of nitrogen in the atmosphere. *DICYT*. 2015.  
**Type of production:** Popular science article
- 32** Gallegos fulbright. *Estela*. 649, 2014.  
**Type of production:** Popular science article **Format:** Journal
- 33** Ser científico, a pesar de los pesares, es una profesión apasionante. *Faro de Vigo*. 2012.  
**Type of production:** Popular science article **Format:** Journal
- 34** Humberto Marotta; Alexandra Rodríguez; Jorge Durán; Alex Enrich-Prast; Luana Pinho. Biogeoquímica aplicada: estudios de caso sobre la interacción entre los elementos esenciales para la vida y el {Cambio} {Global}. *Cambios Globales e ciclos biogeoquímicos*. pp. 153 - 161. Departamento de Publicaciones, Consejo Superior de Investigaciones Científicas (CSIC), 2018. Available on-line at: <<https://www.diva-portal.org/smash/get/diva2:1368262/FULLTEXT01.pdf>>.  
**Type of production:** Book chapter **Format:** Book  
**Corresponding author:** No
- 35** Alex Enrich-Prast; Aurora Gaxiola; Ana Lucia Santoro; Jorge Durán; Alexandra Rodríguez; Humberto Marotta. Cambios {Globales} e ciclos biogeoquímicos. *Cambios Globales e ciclos biogeoquímicos*. pp. 111 - 125. Departamento de Publicaciones, Consejo Superior de Investigaciones Científicas (CSIC), 2018. Available on-line at: <<http://urn.kb.se/resolve?urn=urn:nbn:se:liu:diva-161687>>.  
**Type of production:** Book chapter **Format:** Book  
**Corresponding author:** No
- 36** Heather Bechtold; Jorge Durán; David Strayer; Kathleen Weathers; Gel Alvarado; Neil Bettez; Michelle Hersh; Robert Johnson; Eric Keeling; Jennifer Morse; Andrea Previtali; Alexandra Rodríguez. *Frontiers in ecosystem science. Fundamentals of Ecosystem Science*. Academic Press, 2012. ISBN 978-0-12-088774-3  
**Type of production:** Book chapter **Format:** Book
- 37** Rosana Estévez; Alexandra Rodríguez; Antonio Gallardo; José María Fernández-Palacios. Efecto de la leguminosa *Adenocarpus viscosus* en el ciclo local del N en un pinar de *Pinus canariensis* (La Palma, Islas Canarias). 2º Congreso Ibérico de Ecología. *Crise da biodiversidade: conhecimento e acção*. pp. 65. 2006. ISBN 84-608-0500-X



**Type of production:** Book chapter

**Format:** Book

- 38** Alexandra Rodríguez; Antonio Gallardo. Mineralización del nitrógeno bajo especies leguminosas y no leguminosas en suelos de matorral atlántico. VII Congreso Nacional de la Asociación Española de Ecología Terrestre (AEET). España ante los compromisos del Protocolo de Kyoto: Sistemas Naturales y Cambio Climático. pp. 217 - 232. Barcelona2003. ISBN 84-688-2620-0

**Type of production:** Book chapter

**Format:** Book

### Works submitted to national or international conferences

- 1** **Title of the work:** Effects of climate change on above- and below-ground ecosystem features and on greenhouse gases fluxes  
**Name of the conference:** 15th European Ecological Federation Congress and 18th National SPECO Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Lisboa, Portugal  
**Date of event:** 29/07/2019  
**End date:** 02/08/2019  
**Organising entity:** European Ecological Federation / Portuguese Ecological Society  
Jorge Durán; Alexandra Rodríguez; Laura García Velázquez; Everaldo Dos Santos; Luciana De Almeida; David Fangueiro; Fernando Maestre.
- 2** **Title of the work:** Forest die-off reduces soil organic C and N stocks and the less stable C forms in a Mediterranean woodland  
**Name of the conference:** 15th European Ecological Federation Congress and 18th National SPECO Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Lisboa, Portugal  
**Date of event:** 29/07/2019  
**End date:** 02/08/2019  
**Organising entity:** European Ecological Federation / Portuguese Ecological Society  
Alexandra Rodríguez; Tommaso Quti; Ana Rey; Jorge Durán.
- 3** **Title of the work:** Investigando el papel de los microorganismos en la colonización de áreas polares deglaciadas  
**Name of the conference:** IX Simposio de Estudios Polares  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Madrid, Spain  
**Date of event:** 05/09/2018  
**End date:** 07/09/2018  
**Organising entity:** Scientific Committee on Antarctic Research **Type of entity:** Associations and Groups  
Asunción de los Ríos; Isaac Garrido Benavent; Sergio Pérez Ortega; Rüdiger Ortiz Álvarez; Noemí de la Mata; Jorge Durán; Alexandra Rodríguez; Starri Heiomarsson; Carmen Ascaso; Leopoldo García Sancho.



- 4** **Title of the work:** Effect of temperature and soil moisture on soil: atmosphere greenhouse gases exchange on an aridity gradient  
**Name of the conference:** 21st World Congress of Soil Science  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** No  
**City of event:** Rio de Janeiro, Brazil  
**Date of event:** 12/08/2018  
**End date:** 17/08/2018  
**Organising entity:** Brazilian Soil Science Society  
Everaldo Dos Santos; Luciana Mayara Mendonça de Almeida; Alexandra Rodríguez; Jorge Durán; Laura García Velázquez; Fernando Maestre; David Fangueiro.
- 5** **Title of the work:** Effects of atmospheric nitrogen and phosphorous deposition on plant and microbe soil communities in alpine systems  
**Name of the conference:** 3rd CAPERMED MEETING  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Pamplona, Spain  
**Date of event:** 20/06/2018  
**End date:** 21/06/2018  
**Organising entity:** CAPERMED **Type of entity:** Associations and Groups  
Cristina Armas; Esteban Manrique; Francisco I. Pugnaire; Susana Rodríguez Echeverría; Raúl Ochoa Hueso; R. Alonso; S. Elvira; H. García; Alexandra Rodríguez; Jorge Durán.
- 6** **Title of the work:** Short-term effects of N and P deposition on the soil nutritional status of four Iberian Alpine systems  
**Name of the conference:** 3rd CAPERMED MEETING  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Pamplona, Spain  
**Date of event:** 20/06/2018  
**End date:** 21/06/2018  
**Organising entity:** CAPERMED **Type of entity:** Associations and Groups  
Alexandra Rodríguez; Jorge Durán; Susana Rodríguez Echeverría; Francisco I. Pugnaire; Raúl Ochoa Hueso; Esteban Manrique; Cristina Armas.
- 7** **Title of the work:** Consecuencias de la deposición atmosférica de nitrógeno y fósforo en las comunidades vegetales y microbiota del suelo en sistemas de alta montaña  
**Name of the conference:** II Simposio del Grupo de Trabajo Interacciones Planta-Suelo de la AEET  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Antequera, Spain  
**Date of event:** 22/03/2018  
**End date:** 25/03/2018  
**Organising entity:** Grupo de Trabajo Interacciones Planta-Suelo de la AEET  
Cristina Armas; Esteban Manrique; Francisco I. Pugnaire; Susana Rodríguez Echeverría; Francisco Usero; D.J. Aranera; Raúl Ochoa Hueso; R. del Amo; S. Elvira; H. Garcia; Alexandra Rodríguez; Jorge Durán.

- 8** **Title of the work:** Disponibilidad de nutrientes en una cronosecuencia de suelos en bosques de *Pinus canariensis*. Testando una teoría biogeoquímica en las islas Canarias  
**Name of the conference:** II Simposio del Grupo de Trabajo Interacciones Planta-Suelo de la AEET  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No  
**City of event:** Antequera, Spain  
**Date of event:** 22/03/2018  
**End date:** 25/03/2018  
**Organising entity:** Grupo de Trabajo Interacciones Planta-Suelo de la AEET  
Antonio Gallardo; José María Fernández Palacios; Adolfo Bermúdez; Lea de Nascimento; Jorge Durán; Laura García Velázquez; Javier Méndez; Alexandra Rodríguez.
- 9** **Title of the work:** Changes in the structure of natural regeneration under rain exclusion treatment in three cerrado phytophysiognomies  
**Name of the conference:** XIII Congresso de Ecologia / III International Symposium of Ecology and Evolution  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Corresponding author:** No  
**City of event:** Viçosa, Brazil  
**Date of event:** 08/10/2017  
**End date:** 12/10/2017  
**Organising entity:** Universidade Federal de Viçosa **Type of entity:** University  
Nayara Mesquita Mota; Fernando da Costa Brito Lacerda; Alex Josélio Pires Coelho; Larissa Areal C. Muller; Luca Rodrigues de Aquino; Alexandra Rodríguez; Jorge Durán; João Augusto Alves Meira-Neto.
- 10** **Title of the work:** Drying-rewetting cycles decouple carbon and nitrogen mineralization overriding the effect of forest die-off  
**Name of the conference:** XIV MEDECOS & XIII AEET Meeting  
**Type of participation:** Participatory - poster  
**City of event:** Sevilla, Andalusia, Spain  
**Date of event:** 31/01/2017  
**End date:** 03/03/2017  
**Organising entity:** MEDECOS y AEET  
Alexandra Rodríguez; Ana Rey; Jorge Curiel Yuste; Jorge Durán; Ioanna Boudouris; Fernando Valladares.
- 11** **Title of the work:** Effects of increasing aridity on above- and below ground ecosystem functioning: mechanistic processes and biological feedbacks with climate change  
**Name of the conference:** XIV MEDECOS & XIII AEET Meeting  
**Type of participation:** Participatory - poster  
**City of event:** Sevilla, Andalusia, Spain  
**Date of event:** 31/01/2017  
**End date:** 03/03/2017  
**Organising entity:** MEDECOS y AEET  
Jorge Durán; Alexandra Rodríguez; Laura García-Velazquez; Everaldo Dos Santos; Antonio Gallardo; Fernando Maestre.
- 12** **Title of the work:** Long-term N additions reduce the lability of soil C in temperate forest soils depending on tree species composition  
**Name of the conference:** 2nd CAPERMED MEETING  
**Type of participation:** Participatory - poster



**City of event:** Brescia, Italy

**Date of event:** 28/06/2016

**End date:** 23/04/2016

**Organising entity:** CAPERMED

**Type of entity:** Associations and Groups

Alexandra Rodríguez; Gary M Lovett; Kathleen C Weathers; Mary A Arthur; Pamela H Templer; Christine L Goodale; Lynn M Christenson.

**13 Title of the work:** Nitrogen supply modulates the effect of changes in drying-rewetting frequency on soil C and N cycling and greenhouse gas exchange

**Name of the conference:** 2nd CAPERMED MEETING

**Type of participation:** Participatory - poster

**City of event:** Brescia, Italy

**Date of event:** 28/06/2016

**End date:** 23/04/2016

**Organising entity:** CAPERMED

**Type of entity:** Associations and Groups

Jorge Durán; Lourdes Morillas; Alexandra Rodríguez; Javier Roales; Antonio Gallardo; Gary M Lovett; Peter M Groffman.

**14 Title of the work:** Effects of atmospheric deposition on nitrogen retention and carbon sequestration in temperate forest ecosystems

**Name of the conference:** 9th International acid rain conference

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**Corresponding author:** No

**City of event:** Rochester, United States Minor Outlying Islands

**Date of event:** 19/10/2015

**End date:** 23/10/2015

Pamela H. Templer; Gary Lovett; Kathleen C. Weathers; Mary Arthur; Alexandra Rodríguez; Lynn Christenson; Christine L. Goodale.

**15 Title of the work:** Impact of decaying holm oaks on soil microbial diversity and functioning

**Name of the conference:** IV Congreso Ibérico de Ecología

**Type of event:** Conference

**Type of participation:** Participatory - oral communication

**City of event:** Coimbra, Portugal

**Date of event:** 16/06/2015

**End date:** 19/06/2015

**Organising entity:** Asociación Española de Ecología Terrestre y Sociedad Portuguesa de Ecología

**Type of entity:** Associations and Groups

Alexandra Rodríguez Pereiras; Jorge Curiel Juste; Ana Rey Simo; Jorge Durán Hum; Ioanna Boudouris; Antonio Gallardo Correa; Fernando Valladares Ros.

**16 Title of the work:** Carbon and nitrogen cycling in drought-affected holm-oak forest soils

**Name of the conference:** II Jornadas del Departamento de Biogeografía y Cambio Global del MNCN

**Type of participation:** Participatory - oral communication

**City of event:** Madrid, Community of Madrid, Spain

**Date of event:** 15/12/2014

**End date:** 16/12/2014

**Organising entity:** Departamento de Biogeografía y Cambio Global del MNCN

Alexandra Rodríguez Pereiras; Ioanna Boudouris; Jorge Curiel Yuste; Ana Rey Simo; Jorge Durán Humia; Fernando Valladares Ros.



- 17** **Title of the work:** Efectos del cambio climático en los ciclos de C y N en prados urbanos  
**Name of the conference:** XI Congreso de la AEET  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Pamplona, Foral Community of Navarre, Spain  
**Date of event:** 06/05/2013  
**End date:** 10/05/2013  
**Organising entity:** Asociación Española de Ecología Terrestre  
Jorge Durán; Alexandra Rodríguez; Jen Morse; Peter Groffman.
- 18** **Title of the work:** Estabilización del carbono en suelos forestales: deposición de nitrógeno y composición de especies  
**Name of the conference:** XI Congreso de la AEET  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Pamplona, Foral Community of Navarre, Spain  
**Date of event:** 06/05/2013  
**End date:** 10/05/2013  
**Organising entity:** Asociación Española de Ecología Terrestre  
Alexandra Rodríguez; Gary M. Lovett; Kathleen C. Weathers; Mary A. Arthur; Pamela H. Templer; Christine L. Goodale; Lynn M. Christenson.
- 19** **Title of the work:** Heterotrophic respiration in northern hardwood forest soils after 14 years of nitrogen addition  
**Name of the conference:** 97th ESA Annual Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Portland (Oregon), United States of America  
**Date of event:** 04/08/2012  
**End date:** 11/08/2012  
**Organising entity:** Ecological Society of America      **Type of entity:** Associations and Groups  
Alexandra Rodríguez; Gary M. Lovett; Kathleen C. Weathers; Mary A. Arthur; Pamela H. Templer; Christine L. Goodale; Lynn M. Christenson.
- 20** **Title of the work:** Species and wildfire effects on the spatial pattern and scale of soil N and P pools in a Pinus canariensis forest  
**Name of the conference:** 96th ESA Annual Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Austin (Texas), United States of America  
**Date of event:** 07/08/2011  
**End date:** 12/08/2011  
**Organising entity:** Ecological Society of America      **Type of entity:** Associations and Groups  
Alexandra Rodríguez; Jorge Durán; Antonio Gallardo; José María Fernández-Palacios.
- 21** **Title of the work:** Roadkilling wildlife in southern Spanish woodlands  
**Name of the conference:** 12th Infra Eco Network Europe Meeting  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**City of event:** Velence, Hungary  
**Date of event:** 27/09/2010



**End date:** 01/10/2010

**Organising entity:** Infra Eco Network Europe

**Type of entity:** European Network

Juan Domingo Delgado; Natalia Arroyo; Jorge Durán; Alexandra Rodríguez; Antonio Rosal; Valle Palenzuela; Jesús Rodríguez.

- 22** **Title of the work:** Cambios en los rasgos nutricionales de la hoja en una cronosecuencia de incendios  
**Name of the conference:** IX Congreso de la AEET  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Úbeda, Andalusia, Spain  
**Date of event:** 18/10/2009  
**End date:** 22/10/2009  
**Organising entity:** Asociación Española de Ecología Terrestre  
Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo.
- 23** **Title of the work:** Efectos a corto plazo del fuego sobre el patrón y la escala espacial del N orgánico lábil y del N y P inorgánico del suelo  
**Name of the conference:** IX Congreso de la AEET  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Úbeda, Andalusia, Spain  
**Date of event:** 18/10/2009  
**End date:** 22/10/2009  
**Organising entity:** Asociación Española de Ecología Terrestre  
Alexandra Rodríguez; Jorge Durán; José María Fernández-Palacios; Antonio Gallardo.
- 24** **Title of the work:** Disponibilidad de nutrientes de una cronosecuencia de incendios en bosques de Pinus canariensis  
**Name of the conference:** II Reunión del Grupo de Trabajo de Ecología, Ecofisiología y Suelos Forestales de la SECF  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Salamanca, Castile and León, Spain  
**Date of event:** 22/10/2007  
**End date:** 23/10/2007  
**Organising entity:** Sociedad Española de Ciencias Forestales  
**Type of entity:** Associations and Groups  
Jorge Durán; Alexandra Rodríguez; José María Fernández-Palacios; Antonio Gallardo.
- 25** **Title of the work:** Efecto de la especie Pinus canariensis en la distribución espacial de la disponibilidad de nutrientes del suelo antes y después del fuego  
**Name of the conference:** II Reunión del Grupo de Trabajo de Ecología, Ecofisiología y Suelos Forestales de la SECF  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Salamanca, Castile and León, Spain  
**Date of event:** 22/10/2007  
**End date:** 23/10/2007  
**Organising entity:** Sociedad Española de Ciencias Forestales  
**Type of entity:** Associations and Groups  
Alexandra Rodríguez; Jorge Durán; José María Fernández-Palacios; Antonio Gallardo.



- 26** **Title of the work:** Estructura espacial de nutrientes edáficos en un bosque de Pinus pinaster del NO de la Península Ibérica  
**Name of the conference:** II Reunión del Grupo de Trabajo de Ecología, Ecofisiología y Suelos Forestales de la SECF  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Salamanca, Castile and León, Spain  
**Date of event:** 22/10/2007  
**End date:** 23/10/2007  
**Organising entity:** Sociedad Española de Ciencias Forestales  
**Type of entity:** Associations and Groups  
Felisa Covelo; Alexandra Rodríguez; Antonio Gallardo.
- 27** **Title of the work:** Efecto de la leguminosa Adenocarpus viscosus en el ciclo local del N en un pinar de Pinus canariensis (La Palma, Islas Canarias)  
**Name of the conference:** 2º Congreso Ibérico de Ecología. Crisis de Biodiversidad: conocimiento y acción  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Lisboa, Lisboa, Portugal  
**Date of event:** 18/07/2006  
**End date:** 21/07/2006  
**Organising entity:** Sociedade Portuguesa de Ecologia / Asociación Española de Ecología Terrestre  
**Type of entity:** Associations and Groups  
Rosana Estévez; Alexandra Rodríguez; Antonio Gallardo; José María Fernández-Palacios.
- 28** **Title of the work:** Effect of legumes in the N cycle in an European Atlantic shrubland community  
**Name of the conference:** X European Ecological Congress  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**City of event:** Kusadasi, Turkey  
**Date of event:** 08/11/2005  
**End date:** 13/11/2005  
**Organising entity:** European Ecological Federation  
**Type of entity:** Associations and Groups  
Alexandra Rodríguez; Antonio Gallardo.
- 29** **Title of the work:** Diferencias en el ciclo del nitrógeno en un matorral atlántico  
**Name of the conference:** I Reunión del Grupo de Trabajo de Ecología, Ecofisiología y Suelos Forestales de la Sociedad Española de Ciencias Forestales (SECF)  
**Type of event:** Conference  
**Type of participation:** 'Participatory - poster  
**City of event:** Pontevedra, Galicia, Spain  
**Date of event:** 20/10/2004  
**End date:** 21/10/2004  
**Organising entity:** Sociedad Española de Ciencias Forestales  
**Type of entity:** Associations and Groups  
Alexandra Rodríguez; Antonio Gallardo.
- 30** **Title of the work:** Mineralización del nitrógeno bajo especies leguminosas y no leguminosas en suelos de matorral atlántico  
**Name of the conference:** VII Congreso Nacional de la AEET. España ante los compromisos del protocolo de Kyoto: Sistemas Naturales y Cambio Climático  
**Type of event:** Conference





**Type of participation:** 'Participatory - poster

**City of event:** Barcelona, Spain

**Date of event:** 02/07/2003

**End date:** 04/07/2003

**Organising entity:** Asociación Española de Ecología Terrestre

**Type of entity:** Associations and Groups

Alexandra Rodríguez; Antonio Gallardo.

## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

- Committee title:** Member of the scientific committee of the PhD thesis "Environmental effects of reactive nitrogen emissions from livestock farming"  
**Affiliation entity:** Universidad de Navarra  
**City affiliation entity:** Spain  
**Start-End date:** 31/10/2017 - 31/10/2017  
**Type of entity:** University
- Committee title:** Member of the scientific committee of the PhD thesis "Efectos de los cambios en el patrón de precipitaciones sobre los microorganismos y los procesos del suelo"  
**Affiliation entity:** Universidad Pablo de Olavide  
**City affiliation entity:** Sevilla, Spain  
**Start-End date:** 23/05/2014 - 23/05/2014  
**Type of entity:** University
- Committee title:** Postdoctoral Comitee  
**Affiliation entity:** Cary Institute of Ecosystem Studies  
**City affiliation entity:** Millbrook, United States of America  
**Start-End date:** 28/07/2011 - 14/09/2012

### Organization of R&D activities

- Title of the activity:** III Escola Iberoamericana em Efeitos ecológicos em Cascata e Metanálisis  
**Type of activity:** Workshop  
**Convening entity:** LINCGlobal  
**City convening entity:** Madrid, Spain  
**Start-End date:** 18/10/2016 - 22/10/2016
- Title of the activity:** II Escola Iberoamericana em Mudanças Globais e Processos de Retroalimentação  
**Type of activity:** Workshop  
**Convening entity:** LINCGlobal  
**City convening entity:** Madrid, Spain  
**Start-End date:** 15/09/2014 - 21/07/2014



## Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Consulting Editor  
**Entity where activity was carried out:** Plant and Soil  
**Start date:** 2019
  
- 2** **Name of the activity:** Experto Evaluador de la Agencia Estatal de Investigación (AEI)  
**Performed tasks:** Evaluator  
**Entity where activity was carried out:** Agencia Estatal de Investigación (AEI)  
**Start date:** 2018
  
- 3** **Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Applied Soil Ecology  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2017
  
- 4** **Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Ecosistemas  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2016
  
- 5** **Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Canadian Journal of Forest Research  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2015
  
- 6** **Name of the activity:** Peer review  
**Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Ecosystems  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2012
  
- 7** **Name of the activity:** Peer review  
**Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Plant and Soil  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2011
  
- 8** **Name of the activity:** Peer review  
**Performed tasks:** Peer reviewer  
**Entity where activity was carried out:** Geoderma    **Type of entity:** International Scientific Journal  
**Type of activity:** Review of articles in scientific or technological journals  
**Start date:** 2011



## Other achievements

### Stays in public or private R&D centres

- 1** **Entity:** Universidad Federal de Viçosa  
**City of entity:** Viçosa, Brazil  
**Start-End date:** 31/07/2015 - 31/08/2015 **Duration:** 1 month  
**Goals of the stay:** Post-doctoral
- 2** **Entity:** Universidad Federal de Viçosa **Type of entity:** Non-profit research Institution  
**Faculty, institute or centre:** Laboratório de Ecologia e Evolução de Plantas  
**City of entity:** Viçosa, Brazil  
**Start-End date:** 14/09/2014 - 08/12/2014 **Duration:** 3 months  
**Goals of the stay:** Post-doctoral
- 3** **Entity:** Cary Institute of Ecosystem Studies **Type of entity:** Non-profit research Institution  
**City of entity:** Millbrook, United States of America  
**Start-End date:** 15/09/2010 - 15/09/2012 **Duration:** 2 years  
**Goals of the stay:** Post-doctoral

### Obtained grants and scholarships

- 1** **Name of the grant:** Becas Iberoamérica Jóvenes Profesores e Investigadores  
**Aims:** Post-doctoral  
**Awarding entity:** BANCO SANTANDER, S.A.  
**Conferral date:** 2015  
**End date:** 2015
- 2** **Name of the grant:** Becas Iberoamérica Jóvenes Profesores e Investigadores  
**Awarding entity:** BANCO SANTANDER, S.A.  
**Conferral date:** 2014  
**End date:** 2015
- 3** **Name of the grant:** Fulbright Postdoctoral Grant  
**Aims:** Post-doctoral  
**Awarding entity:** Fulbright Commission / Ministerio de Educación **Type of entity:** State agency  
**Conferral date:** 15/09/2010 **Duration:** 2 years  
**End date:** 14/09/2012  
**Entity where activity was carried out:** Cary Institute of Ecosystem Studies
- 4** **Name of the grant:** Ayuda Puente  
**Aims:** Post-doctoral  
**Awarding entity:** Universidad Pablo de Olavide **Type of entity:** University  
**Conferral date:** 01/08/2009 **Duration:** 6 months  
**End date:** 31/01/2010  
**Entity where activity was carried out:** Universidad Pablo de Olavide



**Faculty, institute or centre:** Facultad de Ciencias Experimentales

- 5** **Name of the grant:** Beca predoctoral  
**Aims:** Pre-doctoral  
**Awarding entity:** XUNTA DE GALICIA  
**Conferral date:** 01/10/2004 **Duration:** 2 years  
**End date:** 30/09/2006  
**Entity where activity was carried out:** Universidade de Vigo  
**Faculty, institute or centre:** Facultad de Biología
- 6** **Name of the grant:** Becario de Tercer Ciclo  
**Aims:** Pre-doctoral  
**Awarding entity:** XUNTA DE GALICIA  
**Conferral date:** 01/07/2003 **Duration:** 1 year - 3 months  
**End date:** 30/09/2004  
**Entity where activity was carried out:** Universidade de Vigo  
**Faculty, institute or centre:** Facultad de Biología
- 7** **Name of the grant:** Becario de Tercer Ciclo  
**Aims:** Pre-doctoral  
**Awarding entity:** Universidade de Vigo **Type of entity:** University  
**Conferral date:** 03/01/2003 **Duration:** 6 months  
**End date:** 30/06/2003  
**Entity where activity was carried out:** Universidade de Vigo  
**Faculty, institute or centre:** Facultad de Biología
- 8** **Name of the grant:** Beca de colaboración  
**Aims:** Research Assistance  
**Awarding entity:** Ministerio de Educación, Cultura y Deporte  
**Conferral date:** 15/09/2001 **Duration:** 1 year  
**End date:** 14/09/2002  
**Entity where activity was carried out:** Universidade de Vigo  
**Faculty, institute or centre:** Facultad de Biología

### Scientific societies and professional associations

- 1** **Name of the society:** Ecological Society of America (ESA)  
**City affiliation entity:** Washington, D.C., United States of America  
**Start-End date:** 01/01/2011 - 2013
- 2** **Name of the society:** Sociedad Ibérica de Ecología (SIBECOL)  
**Start date:** 2019
- 3** **Name of the society:** Sociedade Portuguesa de Ecologia (SPECO)  
**Start date:** 2018
- 4** **Name of the society:** Asociación Española de Ecología Terrestre (AEET)  
**Start date:** 01/01/2003



## Prizes, mentions and distinctions

- 1** **Description:** BEST POSTER CAPERmed 2016  
**Awarding entity:** CAPERmed **Type of entity:** Associations and Groups  
**Conferral date:** 30/06/2016
- 2** **Description:** Extraordinary Prize of Doctorate (Summa Cum Laude)  
**Awarding entity:** Universidad Pablo de Olavide **Type of entity:** University  
**City awarding entity:** Sevilla, Andalusia, Spain  
**Conferral date:** 25/02/2010

## Summary of other achievements

- 1** **Description of the achievement:** Participation in the European Researchers' Night  
**Accrediting entity:** Jardim Botânico - Universidade de Coimbra  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 27/09/2019
- 2** **Description of the achievement:** Tutoring of a 60 hours Project in Applied Biology of a bachelor student (Alicja Kissa) from Warsaw University of Technology at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2019
- 3** **Description of the achievement:** Tutoring of a 3-months research stay of a PhD student (Laura García Velázquez) from "Universidad Pablo de Olavide at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2018
- 4** **Description of the achievement:** Tutoring of a 4-months volunteering stay of a bachelor student from the "Universidad Complutense de Madrid" at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, University of Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2018
- 5** **Description of the achievement:** Tutoring of a 6-months research stay of the PhD student Fernando da Costa Brito Lacerda from the "Universidade Federal de Viçosa" at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2018
- 6** **Description of the achievement:** Tutoring of a 6-months research stay of the PhD student Nayara Mesquita Mota from the "Universidade Federal de Viçosa" at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2018



- 7** **Description of the achievement:** Participation in "Semana Cultural da Universidade"  
**Accrediting entity:** FCTUC **Type of entity:** University Centres and Structures and Associated Bodies  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 28/04/2017
- 8** **Description of the achievement:** Participation in "Mostra de Ciência da FCTUC"  
**Accrediting entity:** FCTUC **Type of entity:** University Centres and Structures and Associated Bodies  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 24/02/2017
- 9** **Description of the achievement:** Participation in 5 of the scientific dissemination podcasts "Todas as plantas tem nome"  
**Accrediting entity:** Jardim Botânico da Universidade de Coimbra  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2017
- 10** **Description of the achievement:** Tutoring of a 3-months research stay of a bachelor student (Luciana Mayara Mendonça de Almeida) from "Universidade Federal de Alagoas" at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional (CFE, University of Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2017
- 11** **Description of the achievement:** Tutor of the "III Escola Iberoamericana em Efeitos ecológicos em Cascata e Metanálisis"  
**Accrediting entity:** LincGlobal  
**City accrediting entity:** Las Cruces, Chile  
**Conferral date:** 18/10/2016
- 12** **Description of the achievement:** Participation in the European Researchers' Night  
**Accrediting entity:** Jardim Botânico - Universidade de Coimbra  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 30/09/2016
- 13** **Description of the achievement:** Tutoring of a 5-months research stay of a master student (Valentina Arca) from University of Sassari at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional **Type of entity:** R&D Centre (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2016
- 14** **Description of the achievement:** Tutoring of a 6-months research stay of a PhD student (Everaldo dos Santos) from "Universidade Federal de Paraná" at CFE (Coimbra, Portugal)  
**Accrediting entity:** Centro de Ecologia Funcional **Type of entity:** R&D Centre (CFE, Universidade de Coimbra)  
**City accrediting entity:** Coimbra, Centro (P), Portugal  
**Conferral date:** 2016
- 15** **Description of the achievement:** Participation in the Museum exposition "El Suelo: un paseo por la vida"  
**Accrediting entity:** Museo Nacional de Ciencias Naturales **Type of entity:** State agency



**Conferral date:** 2015

- 16 Description of the achievement:** Participation in the scientific dissemination videoclip "La Escuela Iberoamericana de Cambio Global -LINCGlobal" <https://www.youtube.com/watch?v=aCcpPISnxW0>  
**Accrediting entity:** LINCGlobal  
**City accrediting entity:** Madrid, Community of Madrid, Spain  
**Conferral date:** 2015
- 17 Description of the achievement:** Tutor of the "II Escola Iberoamericana em Mudanças Globais e Processos de Retroalimentação"  
**Accrediting entity:** LINCGlobal  
**City accrediting entity:** Río de Janeiro, Spain  
**Conferral date:** 21/09/2014
- 18 Description of the achievement:** Tutoring of a 5-months research stay of a bachelor student (Ioanna Boudouris) from the AgroParisTech at the MNCN-CSIC (Madrid, Spain)  
**Accrediting entity:** AgroParisTech **Type of entity:** University  
**City accrediting entity:** France  
**Conferral date:** 01/02/2014
- 19 Description of the achievement:** Tutoring of a 3-months research stay of a PhD student (Lourdes Morillas Viñuales) at Cary Instiyute (NY, USA)  
**Accrediting entity:** Universidad Pablo de Olavide **Type of entity:** University  
**City accrediting entity:** Sevilla, Spain  
**Conferral date:** 01/06/2012
- 20 Description of the achievement:** Dutchess County Science Fair Judge  
**Accrediting entity:** Cary Institute of Ecosystem Studies **Type of entity:** Non-profit Research Institution  
**City accrediting entity:** Millbrook, United States of America  
**Conferral date:** 31/03/2012