



Jorge López Parages

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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.

Highest Academic degree

Ph.D in Physics (Univ. Complutense Madrid 2015 - Sobresaliente CUM LAUDE)

Research topics/interests

- Climate variability: atmospheric teleconnections
- Applied climatology: climate effects on marine and terrestrial ecosystems
- Atmospheric dynamics
- Numerical and statistical modelling
- Air-sea interactions
- Physical oceanography

Scientific experience and publications

- 17 scientific publications, 8 of them as leading and corresponding author.
- 8 peer-review publications (5 as first author).
- 4 manuscripts "Q1" are currently under review.
- Other publications with ISSN (abstracts) are not included in the aforementioned 17 publications
- Results presented in different international (28) and national (4) conferences
- Career developed in the framework of 15 projects: 2 international research project, 7 national research projects, 3 cooperation projects, and 3 scientific dissemination project

International experience

- 2 pre-doctoral (3 months each) stays in foreign institutions
- 1st Postdoc (18 month) in a foreign University (Venice, Italy).
- 2nd Postdoc (started the 03/09/2018) in a foreign research center (Toulouse, France)



- All of these international experiences (both, the pre-doctoral and the post-doctoral ones) derived from the own initiative of the candidate and they enabled the launch of new lines of collaboration between the group of origin and the international groups. As a result of this, several publications were published and some others will be published in the next future.

Teaching experience

- Experienced in teaching experience at university level
- Experienced in supervising doctoral and master thesis

Experienced in competitive research funds attraction

- Principal investigator of an innovative teaching project

Cooperation and/or Dissemination experience

- Involved in 3 cooperation projects and 1 scientific dissemination project
- Experienced in dissemination activities of different nature with primary and middle school students (see sections "Other dissemination activities" and "Organisation of R&D activities")

Language Skills

- Spanish (native), English (C1), Italian (B1), French (B1)

Other Skills

- Skilled in sensitivity experiments with General Circulation Models.
- Experienced in applying statistical techniques to large datasets.
- Working knowledge of Matlab, Opengrads, NCL and CDO (Climate Data Operators).
- Familiar with Linux environment and LATEX.



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.

ANECA Accreditation as “Profesor Ayudante Doctor” (2017).

Scientific experience and publications

- 17 scientific publications, 8 of them as leading and corresponding author.
- 8 peer-review publications (5 as first author).
- 4 manuscripts "Q1" are currently under review.
- Other publications with ISSN (abstracts) are not included in the aforementioned 17 publications
- Results presented in different international (28) and national (4) conferences
- Career developed in the framework of 15 projects: 2 international research project, 7 national research projects, 3 cooperation projects, and 3 scientific dissemination project

H index (google scholar): 4

Number of citations since 2014 (google scholar): 117



Jorge López Parages

Surname(s): **López Parages**
 Name: **Jorge**
 DNI: **53159729J**
 Date of birth: **10/05/1983**
 Gender: **Male**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Andalusia**
 City of birth: **Málaga**
 Contact address: **Rue d' Embarthes 20, App 8**
 Postcode: **31000**
 Contact country: **France**
 Contact city: **Toulouse**
 Email: **jlopez@cerfacs.fr**
 Mobile phone: **650247383**

Current professional situation

Employing entity: European Center for Research and Advanced Training (CERFACS) **Type of entity:** R&D Centre
Professional category: POSTDOCTORAL RESEARCH ASSOCIATE (EU PRIMAVERA PROJECT)
Start date: 03/09/2018
Type of contract: Temporary employment contract **Dedication regime:** Full time
Primary (UNESCO code): 250200 - Climatology
Secondary (UNESCO code): 250106 - Atmospheric dynamics
Tertiary (UNESCO code): 250121 - Numerical modelling; 251000 - Oceanography
Performed tasks: To advance understanding of past and future, natural and anthropogenic, drivers of variability and changes in European climate, including high impact events, by exploiting new capabilities in high-resolution global climate modelling

Previous positions and activities

	Employing entity	Professional category	Start date
1	Centro de Investigación Ecológica y Aplicaciones Forestales (CREAF)	POSTDOCTORAL RESEARCH ASSOCIATE (REGIME-SHIFTS PROJECT)	03/05/2018
2	Universidad de Bergen - Universidad Complutense de Madrid	POSTDOCTORAL RESEARCH ASSOCIATE (PREFACE PROJECT)	16/09/2017
3	Università Ca'Foscari	POSTDOCTORAL RESEARCH ASSOCIATE (PREFACE PROJECT)	11/01/2016
4	Universidad Complutense de Madrid	RESEARCHER HIRED UNDER THE PROJECT MULCLIVAR	01/04/2015
5	Universidad Complutense de Madrid		01/10/2010

	Employing entity	Professional category	Start date
		PhD - RESEARCH CONTRACT (FPI GRANT ASSOCIATED WITH THE TRACS PROJECT)	
6	Universidad Complutense de Madrid	RESEARCHER HIRED UNDER THE PROJECT MOVAC	15/12/2009
7	Universidad Complutense de Madrid	RESEARCHER HIRED UNDER THE PROJECT DESIREX	22/01/2009

- 1** **Employing entity:** Centro de Investigación Ecológica y Aplicaciones Forestales (CREAF)
Department: Centre de Recerca Ecològica i Aplicacions Forestals
City employing entity: Barcelona, Catalonia, Spain
Professional category: POSTDOCTORAL RESEARCH ASSOCIATE (REGIME-SHIFTS PROJECT) **Educational Management (Yes/No):** No
Start-End date: 03/05/2018 - 31/07/2018 **Duration:** 3 months
Type of contract: Temporary employment contract
Dedication regime: Part time
Primary (UNESCO code): 250200 - Climatology; 251008 - Sea-air interactions
Secondary (UNESCO code): 250106 - Atmospheric dynamics
Performed tasks: Understanding the effects of climate on terrestrial ecosystems
Field of management activity: University
- 2** **Employing entity:** Universidad de Bergen - Universidad Complutense de Madrid
Department: Departamento de Física de la Tierra, Astronomía y Astrofísica I (UCM), Facultad de Ciencias Físicas
City employing entity: Madrid, Community of Madrid, Spain
Professional category: POSTDOCTORAL RESEARCH ASSOCIATE (PREFACE PROJECT) **Educational Management (Yes/No):** No
Start-End date: 16/09/2017 - 15/02/2018 **Duration:** 5 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 250200 - Climatology; 251008 - Sea-air interactions
Secondary (UNESCO code): 250106 - Atmospheric dynamics
Tertiary (UNESCO code): 250121 - Numerical modelling
Performed tasks: Understanding the possible impacts of large-scale climatic phenomena on the small pelagic fish abundance in the North West African Upwelling System. The associated potential predictability of the spatio-temporal distribution of species of fish with a vested commercial interest in this region, has been also explored.
Field of management activity: University
Applicability in teaching and/or research: Predictability of small pelagic fish abundance in the North West African upwelling system.
- 3** **Employing entity:** Università Ca'Foscari **Type of entity:** University
Department: Dipartimento di Scienze Ambientali, Informatica e Statistica, Dipartimento di Scienze Ambientali, Informatica e Statistica
City employing entity: Venice, Veneto, Italy
Professional category: POSTDOCTORAL RESEARCH ASSOCIATE (PREFACE PROJECT) **Educational Management (Yes/No):** No
Start-End date: 11/01/2016 - 10/07/2017 **Duration:** 1 year - 6 months
Type of contract: Temporary employment contract
Dedication regime: Full time



Primary (UNESCO code): 250200 - Climatology; 251008 - Sea-air interactions

Secondary (UNESCO code): 250106 - Atmospheric dynamics

Tertiary (UNESCO code): 250121 - Numerical modelling

Performed tasks: Understanding the possible impacts of large-scale climatic phenomena on the small pelagic fish abundance in the North West African Upwelling System. The associated potential predictability of the spatio-temporal distribution of species of fish with a vested commercial interest in this region, has been also explored.

Field of management activity: University

Applicability in teaching and/or research: Seasonal prediction of the small pelagic fish abundance in the North West African upwelling system.

4 **Employing entity:** Universidad Complutense de Madrid **Type of entity:** University

Department: Departamento de Física de la Tierra, Astronomía y Astrofísica I (UCM), Facultad de Ciencias Físicas

City employing entity: Madrid, Community of Madrid, Spain

Professional category: RESEARCHER HIRED UNDER THE PROJECT MULCLIVAR **Educational Management (Yes/No):** No

Start-End date: 01/04/2015 - 31/12/2015

Duration: 9 months

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 250200 - Climatology

Secondary (UNESCO code): 250106 - Atmospheric dynamics

Tertiary (UNESCO code): 250121 - Numerical modelling

Field of management activity: University

5 **Employing entity:** Universidad Complutense de Madrid **Type of entity:** University

Department: Departamento de Física de la Tierra, Astronomía y Astrofísica I (UCM), Facultad de Ciencias Físicas

City employing entity: Madrid, Community of Madrid, Spain

Professional category: PhD - RESEARCH CONTRACT (FPI GRANT ASSOCIATED WITH THE TRACS PROJECT) **Educational Management (Yes/No):** Yes

Start-End date: 01/10/2010 - 30/09/2014

Duration: 4 years

Type of contract: Temporary employment contract

Dedication regime: Full time

Primary (UNESCO code): 250200 - Climatology

Secondary (UNESCO code): 250106 - Atmospheric dynamics

Tertiary (UNESCO code): 250121 - Numerical modelling

Field of management activity: University

6 **Employing entity:** Universidad Complutense de Madrid **Type of entity:** University

Department: Departamento de Física de la Tierra, Astronomía y Astrofísica I (UCM), Facultad de Ciencias Físicas

City employing entity: Madrid, Community of Madrid, Spain

Professional category: RESEARCHER HIRED UNDER THE PROJECT MOVAC **Educational Management (Yes/No):** No

Start-End date: 15/12/2009 - 30/09/2010

Duration: 9 months - 15 days

Type of contract: Temporary employment contract

Dedication regime: Full time



Primary (UNESCO code): 250200 - Climatology
Secondary (UNESCO code): 250106 - Atmospheric dynamics
Tertiary (UNESCO code): 250121 - Numerical modelling
Field of management activity: University

- 7** **Employing entity:** Universidad Complutense de Madrid **Type of entity:** University
Department: Departamento de Física de la Tierra, Astronomía y Astrofísica II (UCM), Facultad de Ciencias Físicas
City employing entity: Madrid, Community of Madrid, Spain
Professional category: RESEARCHER HIRED **Educational Management (Yes/No):** No UNDER THE PROJECT DESIREX
Start-End date: 22/01/2009 - 31/03/2009 **Duration:** 2 months - 10 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 250900 - Meteorology
Secondary (UNESCO code): 250106 - Atmospheric dynamics
Tertiary (UNESCO code): 250200 - Climatology
Field of management activity: University



Education

University education

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

1 **University degree:** Higher degree

Name of qualification: Master in Geophysics and Meteorology?

City degree awarding entity: Madrid, Community of Madrid, Spain

Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid

Date of qualification: 23/11/2009

Average mark: Excellent

Standardised degree: Yes

2 **University degree:** Higher degree

Name of qualification: 5-year Degree in Physics

City degree awarding entity: Madrid, Community of Madrid, Spain

Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid

Date of qualification: 24/07/2008

Standardised degree: Yes

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Física (REAL DECRETO 1393/2007)

Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid

City degree awarding entity: Madrid, Community of Madrid, Spain

Date of degree: 30/11/2015

DEA awarding entity: Universidad Complutense de Madrid

Date DEA was awarded: 23/11/2009

European doctorate: Yes

Date of certificate: 30/11/2015

Thesis title: Non-stationary ENSO influence on European and Mediterranean rainfall: Dynamics and Modulations

Thesis director: María Belén Rodríguez de Fonseca

Obtained qualification: Sobresaliente "CUM LAUDE"

Recognition of quality: Yes



Other postgraduate university studies

Type of education: Postgraduate

Postgraduate qualification: Curso de Aptitud Pedagógica (CAP)

City degree awarding entity: Madrid, Community of Madrid, Spain

Degree awarding entity: Universidad Complutense de Madrid **Type of entity:** University

Faculty, institute or centre: Facultad de Educación

Date of qualification: 18/03/2009

Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1** **Type of training:** Course
Training title: Summer School on Ecology of Eastern Boundary Upwelling Systems
City awarding entity: Saint-Louis, Senegal
Awarding entity: Volkswagen Stiftung **Type of entity:** Foundation
End date: 30/04/2016 **Duration in hours:** 40 hours
- 2** **Type of training:** Course
Training title: The Nansen Tutu Summer School on Ocean, Climate and Marine Ecosystem
City awarding entity: Cape Town, South African Republic
Awarding entity: Comisión Europea **Type of entity:** Comission
End date: 08/12/2014 **Duration in hours:** 48 hours
- 3** **Type of training:** Course
Training title: Management of the UCLA ocean-atmosphere model outputs
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Complutense de Madrid **Type of entity:** University
Training manager: Teresa Losada Doval
End date: 12/11/2010 **Duration in hours:** 12 hours
- 4** **Type of training:** Course
Training title: B1E Star Diver course (International certificate of the World underwater federation)
City awarding entity: Málaga, Andalusia, Spain
Awarding entity: Federación española de actividades subacuáticas **Type of entity:** Federación Española
Training manager: Jose Antonio Moreno Peña
End date: 20/08/2010
- 5** **Type of training:** Course
Training title: The UCLA Model: Description, Compilation and Running
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: Universidad Complutense de Madrid **Type of entity:** University
Training manager: Heng Xiao
End date: 30/06/2010 **Duration in hours:** 80 hours



6 **Type of training:** Course
Training title: Advanced course on Linux
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: AULA SUN-UCM de Software Libre de la Universidad Complutense de Madrid
End date: 21/11/2008 **Duration in hours:** 12 hours

7 **Type of training:** Course
Training title: Induction course on Linux
City awarding entity: Madrid, Community of Madrid, Spain
Awarding entity: AULA SUN-UCM de Software Libre de la Universidad Complutense de Madrid
End date: 29/10/2008 **Duration in hours:** 4 hours

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French	B2	B2	B2	B2	B1
Italian	B2	B2	B2	B2	B1
English	C1	C1	C1	C1	C1
Spanish	C2	C2	C2	C2	C2

Teaching experience

General teaching experience

1 **Type of teaching:** Official teaching
Name of the course: Laboratorio de Computación Científica
Type of programme: Bachelor's degree **Type of teaching:** Practical work (classroom-problems)
Type of subject: Obligatory
University degree: Licenciado en Ciencias Físicas
Start date: 09/2017 **End date:** 02/2018
End date: 02/2018 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 30
Entity: Universidad Complutense de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Físicas
Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología
City of entity: University, Community of Madrid, Spain

2 **Type of teaching:** Official teaching
Name of the course: Física
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Core
University degree: Licenciado en Ciencias Geológicas
Start date: 02/2014 **End date:** 06/2014
End date: 06/2014 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 24
Entity: Universidad Complutense de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Geológicas



Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología
City of entity: University, Community of Madrid, Spain

3 **Type of teaching:** Official teaching
Name of the course: Física de la Atmósfera
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Licenciado en Ciencias Físicas
Start date: 02/2014 **End date:** 06/2014
End date: 06/2014 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 6
Entity: Universidad Complutense de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Físicas
Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología
City of entity: University, Community of Madrid, Spain

4 **Type of teaching:** Official teaching
Name of the course: Laboratorio de Computación Científica
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Licenciado en Ciencias Físicas
Start date: 02/2011 **End date:** 06/2011
End date: 06/2011 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 90
Entity: Universidad Complutense de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Físicas
Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología
City of entity: University, Community of Madrid, Spain

5 **Type of teaching:** Official teaching
Name of the course: Oceanografía Física
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Optional
University degree: Licenciado en Ciencias Físicas
Start date: 02/2011 **End date:** 06/2011
End date: 06/2011 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 6
Entity: Universidad Complutense de Madrid **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Físicas
Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología
City of entity: University, Community of Madrid, Spain

6 **Type of teaching:** Official teaching
Name of the course: Laboratorio de Física General
Type of programme: Bachelor's degree **Type of teaching:** Laboratory work
Type of subject: Obligatory
University degree: Licenciado en Ciencias Físicas
Start date: 09/2009 **End date:** 09/2010
End date: 09/2010 **Type of hours/ ECTS credits:** Hours
Hours/ECTS credits: 90
Entity: Universidad Complutense de Madrid **Type of entity:** University



Faculty, institute or centre: Facultad de Ciencias Físicas

Department: Física de la Tierra, Astronomía y Astrofísica I: Geofísica y Meteorología

City of entity: University, Community of Madrid, Spain

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** Evaluación de las teleconexión ENSO-Atlántico tropical-precipitación en Europa en el sistema de predicción estacional DePreSys3
Type of project: Proyecto Fin de Máster (TFM)
Co-director of thesis: Irene Polo Sánchez; Jorge López Parages; Marta Martín del Rey
Entity: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Enrique Prego
Obtained qualification: 7.3
Date of reading: 20/09/2019
- 2 Project title:** Análisis de tendencias en eventos extremos de temperatura a nivel global y su impacto en la aviación
Type of project: Proyecto Fin de Máster (TFM)
Co-director of thesis: Jorge López Parages; Sonia Raquel Gámiz Fortis
Entity: Universidad de Granada **Type of entity:** University
City of entity: Granada, Andalusia, Spain
Student: Victoria Gallardo Fernández
Obtained qualification: 8.5
Date of reading: 19/09/2019
- 3 Project title:** Oceanic modulation of atmospheric circulation regimes significantly linked to butterfly population trends
Type of project: Proyecto Fin de Máster (TFM)
Co-director of thesis: Jofre Carnicer; Jorge López Parages; Constantí Stefanescu
Entity: Centre for Ecological Research and Forestry Applications (CREAF) **Type of entity:** R&D Centre
City of entity: Barcelona, Catalonia, Spain
Student: María Vives Ingla
Obtained qualification: 10
Date of reading: 07/09/2018
- 4 Project title:** Estudio de la influencia de diferentes tipos de eventos ENSO en el sistema de afloramiento del África del Norte occidental
Type of project: Proyecto Fin de Máster (TFM)
Co-director of thesis: Jorge López Parages; Belén Rodríguez Fonseca
Entity: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Student: Aída Marín Pérez
Obtained qualification: 9.5
Date of reading: 06/07/2017
- 5 Project title:** Climate variability and predictability in the Basque Country
Type of project: Doctoral thesis
Co-director of thesis: Jorge López Parages; Belén Rodríguez Fonseca



Entity: Universidad Complutense de Madrid
City of entity: Madrid, Community of Madrid, Spain
Student: Maialen Martija
Obtained qualification: (en curso)

Type of entity: University

Participation in innovative teaching projects

- 1** **Project title:** Ciencia y Colectivos sin voz frente al Cambio Climático: buscando respuestas justas a un problema global (Ref 6/17))
City of entity: Madrid, Community of Madrid, Spain
Type of participation: Principal investigator
Contribution to the project: Dirección, coordinación y preparación de actividades
Dedication regime: Part time
Name of the main researcher: Jorge López Parages
Number of participants: 12
Amount awarded: 5.242 €
Funding entity: Universidad Complutense de Madrid **Type of entity:** University
Type of call: Competitive
Start-End date: 01/01/2018 - 31/12/2018 **Duration:** 1 year
- 2** **Project title:** Extension and improvement of virtual laboratory of Meteorology and Climate
Type of participation: Team member
Contribution to the project: Design of experiments for the website (<http://meteolab.fis.ucm.es>). Presentation of experiments to students.
Dedication regime: Part time
Name of the main researcher: Marisa Montoya Redondo
Funding entity: BSCH-UCM **Type of entity:** University
Type of call: Competitive
Start-End date: 01/06/2015 - 30/05/2016 **Duration:** 1 year
- 3** **Project title:** Virtual laboratory of meteorology and climate
Type of participation: Team member
Contribution to the project: Design of experiments for the website (<http://meteolab.fis.ucm.es>). Presentation of experiments to students.
Dedication regime: Part time
Name of the main researcher: Belén Rodríguez Fonseca
Funding entity: BSCH-UCM **Type of entity:** University
Type of call: Competitive
Start-End date: 01/10/2011 - 30/09/2012 **Duration:** 1 year



Scientific and technological experience

Research and development groups/teams

Name of the group: Micrometeorología y Variabilidad Climática
Aims of the group: Grupo de Investigación Consolidado UCM (910437)
Name of principal investigator: María Belén Rodríguez de Fonseca
City of group: Madrid, Community of Madrid, Spain
Affiliation entity: Universidad Complutense de Madrid **Type of entity:** University
Identify key words: Climatology
Start date: 15/12/2009

Scientific or technological activities

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

- 1 Name of the project:** Predictabilidad del Clima en el sector Atlántico.
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): María Belén Rodríguez de Fonseca
Nº of researchers: 7
Funding entity or bodies: Ministerio de Economía y Competitividad **Type of entity:** State agency
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Team member
Code according to the funding entity: CGL2017-86415-R
Start-End date: 09/2018 - 09/2021
Total amount: 133.000 €
- 2 Name of the project:** Continuation of the scientific research cooperation in Climate Variability between IGEO-CSIC and LPAOSF (Dakar, Senegal)
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Belén Rodríguez Fonseca
Nº of researchers: 7
Funding entity or bodies: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Team member



Code according to the funding entity: COOPB20358

Start-End date: 01/2018 - 12/2019

Total amount: 20.000 €

3 Name of the project: REGIME-SHIFT: Drought regime shifts and global warming: Impacts, mechanisms, forecasts and mitigation strategies

Entity where project took place: Centro de Investigación Ecológica y Aplicaciones Forestales

Type of entity: Public Research Body

City of entity: Barcelona, Catalonia, Spain

Funding entity or bodies:

Ministerio de Ciencia e Innovación. Universidades

Type of entity: Ministerio

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 01/12/2016 - 30/11/2019

4 Name of the project: PRIMAVERA

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: METOFFICE and University of Reading

City of entity: Reading, United Kingdom

Name principal investigator (PI, Co-PI....): Francisco Doblas-Reyes; Panos Athanasiadis; Torben Koenigk; Virginie Guemas; Louis-Philippe Caron; Cath Senior; Malcolm Roberts; Jin-Song von Storch; Laurent Terray; Dan Hodson; Rein Haarsma; Johann Jungclaus; Paul van der Linden; Pier Luigi Vidale; Malcolm Roberts; Jon Seddon; Ag Stephens; David Brayshaw; Gerard van der Schrier; Dragana Bojovic; Isadora Jimenez; Erika Palin

Funding entity or bodies:

Comisión Europea

Type of entity: Funded by the European Commission's Seventh Framework Programme (2007-2013) – Cooperation (ENV.2013.6.1-1: Climate-related ocean processes and combined impacts of multiple stressors on the marine environment); under Grant Agreement number 603521.

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member

Start-End date: 03/09/2018 - 02/09/2019

Duration: 4 years

Dedication regime: Full time

5 Name of the project: PREFACE - Enhancing Prediction of Tropical Atlantic Climate and its impacts

Geographical area: European Union

Degree of contribution: Researcher

Entity where project took place: Universitetet i Bergen (UiB)

Type of entity: University

City of entity: Bergen, Norway

Name principal investigator (PI, Co-PI....): Noel Keenlyside

Funding entity or bodies:

Comisión Europea

Type of entity: Funded by the European Commission's Seventh Framework Programme (2007-2013) – Cooperation (ENV.2013.6.1-1: Climate-related ocean processes and combined impacts of multiple stressors on the marine environment); under Grant Agreement number 603521.



City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member

Start-End date: 01/11/2013 - 31/10/2017

Duration: 4 years

Participating entity/entities: 28 partners across 18 countries in Europe and Africa

Total amount: 8.999.433 €

6 Name of the project: Multiscale climate variability. Agronomical and economic impacts.

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Complutense de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Name principal investigator (PI, Co-PI....): María Belén Rodríguez de Fonseca

Nº of researchers: 7

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Ministerio

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member

Code according to the funding entity: CGL2012-38923-C02-01

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

Total amount: 229.320 €

7 Name of the project: Resources update of the Physics laboratory Simeon Fongang (Atmosphere and Ocean) at UCAD - Senegal

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: Universidad Complutense de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Name principal investigator (PI, Co-PI....): Elsa Mohino Harris

Nº of researchers: 7

Funding entity or bodies:

Universidad Complutense de Madrid

Type of entity: University

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member

Start-End date: 01/01/2013 - 31/12/2013

Total amount: 20.534 €

8 Name of the project: Short term climate change predictability and projections

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Universidad Complutense de Madrid

Type of entity: University

City of entity: Madrid, Community of Madrid, Spain

Name principal investigator (PI, Co-PI....): Elsa Mohino Harris

Funding entity or bodies:

Ministerio de Ciencia e Innovación

Type of entity: Ministerio

City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member



Code according to the funding entity: CGL2011-13564-E
Start-End date: 01/02/2012 - 31/01/2013
Total amount: 35.000 €

- 9** **Name of the project:** Tropical Atlantic Variability and the Climate Shift
Geographical area: National
Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): María Belén Rodríguez de Fonseca
Nº of researchers: 8
Funding entity or bodies: Ministerio de Ciencia e Innovación **Type of entity:** Body, others
City funding entity: Madrid
Type of participation: Team member
Code according to the funding entity: CGL2009-10285
Start-End date: 01/01/2009 - 31/12/2012
Total amount: 196.020 €

- 10** **Name of the project:** Creation and donation of a forecast statistical model of the Sahelian rainfall
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): María Belén Rodríguez de Fonseca
Funding entity or bodies: Vicerrectorado de Relaciones Institucionales e Investigación de la Universidad Complutense de Madrid
City funding entity: Madrid, Community of Madrid, Spain
Type of participation: Team member
Code according to the funding entity: VR: 101/11
Start-End date: 01/01/2011 - 01/01/2012
Total amount: 29.340 €

- 11** **Name of the project:** Micrometeorología y Variabilidad Climática
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): María Belén Rodríguez de Fonseca; Carlos Yagüe Anguís
Nº of researchers: 20
Funding entity or bodies: BANCO SANTANDER, S.A.
City funding entity: Community of Madrid, Spain
Start-End date: 01/01/2009 - 31/12/2011
Total amount: 29.340 €

- 12** **Name of the project:** Global Climate Modelization by means of a hierarchy of climate models: Application to the Iberian Peninsula (MOVAC, Ref: 20080005008402)
Geographical area: National



Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Maria Luisa Montoya Redondo
Nº of researchers: 23
Funding entity or bodies: Ministerio de Medio Ambiente y Medio Rural y Marino
City funding entity: Madrid
Type of participation: Team member
Start-End date: 01/12/2008 - 01/12/2011
Total amount: 408.653,72 €

- 13 Name of the project:** DESIREX experimental campaign: Studying the Urban Heat Island effect in Madrid
Geographical area: Regional
Degree of contribution: Researcher
Entity where project took place: Universidad Complutense de Madrid **Type of entity:** University
City of entity: Madrid, Community of Madrid, Spain
Name principal investigator (PI, Co-PI....): Emiliano Hernández Martín
Type of participation: Team member
Code according to the funding entity: CGL2006-27855-E
Start-End date: 22/01/2009 - 31/03/2009

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Gregory R. Foltz. The Tropical Atlantic Observing System. *Frontiers in Marine Science*. Committee on Publication Ethics, 10/05/2019. Available on-line at: <<https://www.frontiersin.org/articles/10.3389/fmars.2019.00206/full>>. ISSN 2296-7745
DOI: <https://doi.org/10.3389/fmars.2019.00206>
Type of production: Scientific paper **Format:** Journal
Position of signature: 60 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 65 **Corresponding author:** No
Impact source: SCOPUS **Category:** Engineering
Impact index in year of publication: 2.89 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 91
Relevant publication: Yes
- 2** Jofre Carnicer; C. Dmingo-Marimon; M. Ninyerola; J.J. Camarero; A. Bastos; Jorge López Parages; B. Rodríguez-Fonseca; T.M. Lenton; V. Dakos; M. Ribas; E. Gutiérrez; J. Peñuelas; X. Pons. Regime shifts of forest carbon uptake are driven by non-stationary effects of increased ocean surface temperatures. *Global Change Biology*. Springer, 23/04/2019. Available on-line at: <<https://onlinelibrary.wiley.com/doi/abs/10.1111/gcb.14664>>. **DOI:** <https://doi.org/10.1111/gcb.14664>

Type of production: Scientific paper
Position of signature: 6

Total no. authors: 13

Impact source: SCOPUS

Impact index in year of publication: 8.997

Position of publication: 3

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Environmental Science (miscellaneous)

Journal in the top 25%: Yes

No. of journals in the cat.: 241

- 3** Maeregu Woldeyes Arisido; Carlo Gaetan; Davide Zanchettin; Jorge López Parages; Angelo Rubino. Spatio-temporal quantification of climate model errors in a Bayesian framework. Stochastic Environmental Research and Risk Assessment. Springer, 04/12/2018. Available on-line at: <https://link.springer.com/epdf/10.1007/s00477-018-1635-9?author_access_token=dRDIP7a5CvuYbcGpaAbqPpe4RwlQNchNByi7wbcMAY6oQ729auSWqfEs-yIVzFGT0WnQIRMhiHIAgAuT9xjHD3_hxIJ1RmA8zrniPbcZCqoKrAts2MXfxn-BJqCStEcliaCul-9tULVt0mk-U581sg%3D%3D>.

DOI: doi.org/10.1007/s00477-018-1635-9

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 5

Impact source: SCOPUS

Impact index in year of publication: 2.668

Position of publication: 33

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Environmental Science (miscellaneous)

Journal in the top 25%: Yes

No. of journals in the cat.: 193

- 4** Blanca Ayarzagüena; Jorge López Parages; Maddalen Iza; Natalia Calvo; Belén Rodríguez Fonseca. Stratospheric role in interdecadal changes of El Niño impacts over Europe. Journal of Climate. American Meteorological Society, 02/04/2018. Available on-line at: <<https://link.springer.com/article/10.1007/s00382-018-4186-3#citeas>>.

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 4.161

Position of publication: 10

Source of citations: Google Scholar

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - METEOROLOGY & ATMOSPHERIC SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 85

Citations: 3

- 5** Jorge López Parages; Belén Rodríguez Fonseca; Elsa Mohino; Teresa Losada. Multidecadal modulation of ENSO teleconnection with Europe in late winter: Analysis of CMIP5 models. Journal of Climate. American Meteorological Society, 15/11/2016. Available on-line at: <<http://journals.ametsoc.org/doi/abs/10.1175/JCLI-D-15-0596.1>>.

DOI: <http://dx.doi.org/10.1175/JCLI-D-15-0596.1>

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Atmospheric Science



Impact index in year of publication: 4.85
Position of publication: 7

Source of citations: Google Scholar

Relevant publication: Yes

Journal in the top 25%: Yes
No. of journals in the cat.: 84

Citations: 4

- 6** Maialen Martija; Belén Rodríguez-Fonseca; Jorge López-Parages. ENSO influence on summer climate in Western Europe. *Journal of Climate*. Springer, Available on-line at: <(under review; ID: JCLI-D-18-0380)>.

DOI: JCLI-D-18-0380

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 3

Impact source: SCOPUS

Impact index in year of publication: 5.05

Position of publication: 5

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Atmospheric Science

Journal in the top 25%: Yes

No. of journals in the cat.: 102

- 7** Jorge López Parages; Pierre-Amaël Auger; Belén Rodríguez Fonseca; Noel Keenlyside; Carlo Gaetan; Angelo Rubino; Maeregu Woldeyes Arisido; Timothée Brochier. Round sardinella is a potential ecological integrator of El Niño influence on northwest Africa. *Proceedings of the National Academy of Sciences (PNAS)*. United States National Academy of Sciences, Available on-line at: <(under review; <https://www.pnascentral.org/cgi-bin/main.plex?el=A3B7DMtT5A3InYw1F5A9ftdoVRv4DJ5mTWITJvT8HDAZ>)>. ISSN 0027-8424

DOI: 2018-21106

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 8

Impact source: SCOPUS

Impact index in year of publication: 8.59

Position of publication: 4

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Multidisciplinary

Journal in the top 25%: Yes

No. of journals in the cat.: 87

- 8** Jorge López Parages; Belén Rodríguez Fonseca; Dietmar Dommenget; Claudia Frauen. ENSO influence on the North Atlantic European climate: A non-linear and non-stationary approach. *Climate Dynamics*. 47, pp. 2071 - 2084. Springer, 28/09/2016. Available on-line at: <<http://link.springer.com/article/10.1007/s00382-015-2951-0>>. ISSN 0930-7575

DOI: 10.1007/s00382-

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 4.7

Position of publication: 8

Source of citations: Google Scholar

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Atmospheric Science

Journal in the top 25%: Yes

No. of journals in the cat.: 84

Citations: 18

- 9** Belén Rodríguez Fonseca; Roberto Suárez; Blanca Ayarzagüena; Jorge López Parages; Iñigo Gómara; Julián Villamayor; Elsa Mohino; Teresa Losada; Antonio Castaño Tierno. A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal. Atmosphere: Special Issue "El Niño Southern Oscillation". 7, Atmosphere Editorial Office, 25/06/2016. Available on-line at: <<http://www.mdpi.com/2073-4433/7/7/87>>. ISSN 2073-4433
Type of production: Scientific paper
Position of signature: 4
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 1.221
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Atmospheric Science
Journal in the top 25%: No
Citations: 4
- 10** Jorge López Parages; Belén Rodríguez Fonseca; Laurent Terray. A mechanism for the multidecadal modulation of ENSO teleconnection with Europe. Climate Dynamics. 45, pp. 867 - 880. Springer, 27/06/2015. ISSN 0930-7575
DOI: 10.1007/s00382-014-2
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 4,7
Position of publication: 8
Source of citations: Google Scholar
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Atmospheric Science
Journal in the top 25%: Yes
No. of journals in the cat.: 84
Citations: 26
- 11** Jorge López Parages; Julián Villamayor; Iñigo Gómara; Teresa Losada; Marta Martín del Rey; Elsa Mohino; Irene Polo; Belén Rodríguez de Fonseca; Roberto Suárez. Nonstationary interannual teleconnections modulated by multidecadal variability. Física de la Tierra: Climate variability and teleconnections in West Africa and the Mediterranean. 25, pp. 11 - 39. PUBLICACIONES UNIVERSIDAD COMPLUTENSE DE MADRID, 31/12/2013. ISSN 0214-4557
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 9
Source of citations: Google Scholar
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Citations: 2
- 12** Jorge López Parages; Belén Rodríguez Fonseca. Multidecadal modulation of El Niño influence on the Euro-Mediterranean rainfall. Geophysical Research Letters. 39, American Geophysical Union, 20/01/2012. Available on-line at: <<http://onlinelibrary.wiley.com/doi/10.1029/2011GL050049/full>>. ISSN 1944-8007
DOI: 10.1029/2011GL050049
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 2
Impact source: ISI
Impact index in year of publication: 3,982
Position of publication: 13
Source of citations: Google Scholar
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 184
Citations: 47



- 13** Belén Rodríguez de Fonseca; Jorge López Parages; Miriam Capa; Elsa Mohino; Teresa Losada; Iñigo Gómara; Roberto Suárez; Julián Villamayor; Margarita Ruíz. Proyecciones de clima, variabilidad climática, y las aplicaciones que se podrían derivar en el ámbito de la gestión de riesgos. El seguro agrario y la gestión de riesgos en la producción agropecuaria 2013-2015. pp. 55 - 78. Madrid, Community of Madrid(Spain): Ministerio de Agricultura, Alimentación y Medio Ambiente (Catálogo de Publicaciones de la Administración General del Estado), 20/05/2016.
Type of production: Book chapter **Format:** Book
Position of signature: 2 **Degree of contribution:** Author or co-author of chapter in book
Total no. authors: 5 **Corresponding author:** No
- 14** Maialen Martija; Belén Rodríguez Fonseca; Jorge López Parages. Influencia de El Niño sobre el clima del oeste de Europa en verano. Spanish Association of Climatology Publications A-series (XI Congreso). 2016. ISBN 978-8-4695-4331-3
Type of production: Scientific book or monograph **Format:** Journal
Position of signature: 3 **Corresponding author:** Yes
Total no. authors: 3
- 15** Jorge López Parages; Belén Rodríguez Fonseca. Multidecadal Modulation of El Niño influence on the leading Euro-Mediterranean rainfall mode. Spanish Association of Climatology Publications A-series. 8, 28/09/2012. ISBN 978-8-4695-4331-3
Type of production: Scientific book or monograph **Format:** Journal
Position of signature: 1 **Corresponding author:** Yes
Total no. authors: 2
- 16** Jorge López Parages; Belén Rodríguez Fonseca. Modulación Multidecadal de la influencia de El Niño sobre la precipitación Euro-Mediterránea. XXXII Jornadas Científicas de la Asociación Meteorológica Española. 2012. Available on-line at: <<https://pub.ame-web.org/index.php/JRD/article/view/1589>>. ISSN 2605-2202
Type of production: Scientific book or monograph **Format:** Book
Corresponding author: Yes
- 17** Jorge López Parages; Belén Rodríguez Fonseca. La Transición Climática y la variabilidad climática en la región Mediterránea. Meteorología y Energías Renovables. XXXI Jornadas Científicas de la Asociación Meteorológica Española. 27/03/2010. ISBN 978-8-4613-9596-5
Type of production: Scientific book or monograph **Format:** Book
Corresponding author: Yes

Works submitted to national or international conferences

- 1** **Title of the work:** The Impacts of the Atlantic Multidecadal Variability on Tropical Pacific as Assessed from CMIP6/DCPP-C Idealized Simulations
Name of the conference: American Geosciences Union (AGU) General Assembly 2019
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: San Francisco, United States of America
Date of event: 12/2019
Organising entity: American Geosciences Union
City organizing entity: San Francisco, United States of America
 Yohan Ruprich-Robert; Jorge López Parages; et al.



- 2** **Title of the work:** El Niño as a predictor of Round sardinella abundance in northwest Africa
Name of the conference: II Congreso Jóvenes Investigadores del Mar
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Málaga, Andalusia, Spain
Date of event: 01/10/2019
End date: 04/10/2019
Organising entity: CEI-MAR- Campus de Excelencia **Type of entity:** Campus de Excelencia Internacional Internacional del Mar
Jorge López Parages; Pierre-Amael Auger; María Belén Rodríguez de Fonseca; Noel Keenlyside; Carlo Gaetan; Angelo Rubino; Maeregu Wolves Arisido; Timothee Brochier. ISBN 978-84-09-05170-0
- 3** **Title of the work:** Tropical North Atlantic as a potential non-stationary modulator of ENSO-European rainfall teleconnection
Name of the conference: European Geosciences Union (EGU) General Assembly 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 07/04/2019
End date: 12/04/2019
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Marta Martin Rey; Teresa Losada; Irene Polo; Belén Rodríguez Fonseca; Laurent Terray. "Geophysical Research Abstracts, Vol. 21". ISSN 1607-7962
- 4** **Title of the work:** A promising effect of El Niño on sardinella distribution along the northwest African coast: a potential source of seasonal predictability?
Name of the conference: I Congreso Jóvenes Investigadores del Mar
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Cadiz, Andalusia, Spain
Date of event: 03/10/2018
End date: 05/10/2018
Organising entity: CEI-MAR- Campus de Excelencia **Type of entity:** Campus de Excelencia Internacional Internacional del Mar
Jorge López Parages; María Belén Rodríguez de Fonseca; Timothee Brochier; Pierre-Amael Auger; Davide Zanchettin; Angelo Rubino; Carlo Gaetan; Noel Keenlyside. ISBN 978-84-09-05170-0
- 5** **Title of the work:** A promising effect of El Niño on sardinella distribution along the northwest African coast: a potential source of seasonal predictability?
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Vigo, Galicia, Spain
Date of event: 21/06/2018
Organising entity: Universidades de Vigo, Las Palmas de Gran Canaria y Aveiro, el Consejo **Type of entity:** Public Research Body



Superior de Investigaciones científicas (CSIC) y el Instituto Español de Oceanografía (IEO)

Jorge López Parages; María Belén Rodríguez de Fonseca; Timothee Brochier; Pierre-Amael Auger; Davide Zanchettin; Angelo Rubino; Carlo Gaetan; Noel Keenlyside.

- 6** **Title of the work:** A promising effect of El Niño on sardinella distribution along the northwest African coast: a potential source of seasonal predictability?
Name of the conference: PREFACE International Conference on Ocean, Climate and Ecosystems
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Arrecife, Canary Islands, Spain
Date of event: 19/04/2018
Organising entity: PREFACE project
Jorge López Parages; María Belén Rodríguez de Fonseca; Timothee Brochier; Pierre-Amael Auger; Davide Zanchettin; Angelo Rubino; Carlo Gaetan; Noel Keenlyside. "PREFACE Final Conference: Book of Abstracts".
- 7** **Title of the work:** Quantifying systematic climate model errors in the simulation of interannual and decadal climate variability in the tropical Atlantic region
Name of the conference: European Geosciences Union (EGU) General Assembly 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Viena, Austria
Date of event: 04/2018
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union
City organizing entity: Viena, Austria
Davide Zanchettin; Carlo Gaetan; Maeregu Woldeyes Arisido; Jorge López Parages; Angelo Rubino. "Geophysical Research Abstracts, Vol. 20". ISSN 1607-7962
- 8** **Title of the work:** Tropical North Atlantic as a non-stationary switch-on for ENSO-European rainfall teleconnection of interannual and decadal climate variability in the tropical Atlantic region
Name of the conference: European Geosciences Union (EGU) General Assembly 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 04/2018
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Marta Martin Rey; Belén Rodríguez Fonseca; Irene Polo. "Geophysical Research Abstracts, Vol. 20". ISSN 1607-7962
- 9** **Title of the work:** Exploring large-scale climate influences on North West African fisheries and related implications for statistical forecasting
Name of the conference: THEMES 2017: Physics and biogeochemistry of marine environments: multiscale analysis of past and present variability
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Venice, Veneto, Italy



Date of event: 15/11/2017

End date: 17/11/2017

Organising entity: Ca Foscari University

Type of entity: University

City organizing entity: Venice,

Jorge López Parages; María Belén Rodríguez de Fonseca; Timotheé Brochier; Davide Zanchettin; Carlo Gaetan; Maeregu W. Arisido; Angelo Rubino; Pierre A. Auger; Noel Keenlyside.

10 Title of the work: Climate influence on the North West African fisheries: a large-scale perspective

Name of the conference: European Geosciences Union (EGU) General Assembly 2017

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Viena, Austria

Date of event: 28/04/2017

Organising entity: European Geosciences Union

Type of entity: Non-profit international union

City organizing entity: Viena, Austria

Jorge López Parages; Belén Rodríguez Fonseca; Timothee Brochier; Pierre-Amaël Auger; Carlo Gaetan; Angelo Rubino; Noel Keenlyside; Davide Zanchettin; Maeregu Woldeyes Arisido. "Geophysical Research Abstracts, Vol. 19". ISSN 1607-7962

11 Title of the work: Stratospheric role in the multi-decadal variability of the El Niño signal in European rainfall

Name of the conference: European Geosciences Union (EGU) General Assembly 2017

Type of event: Conference

Geographical area: European Union

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Viena, Austria

Date of event: 28/04/2017

Organising entity: European Geosciences Union

Type of entity: Non-profit international union

City organizing entity: Viena, Austria

Blanca Ayarzagüena; Maddalen Iza; Jorge López Parages; Belén Rodríguez Fonseca; Natalia Calvo. "Geophysical Research Abstracts, Vol. 19". ISSN 1607-7962

12 Title of the work: Assessing climate model uncertainty to improve future climate projection

Name of the conference: American Geosciences Union (AGU) General Assembly 2016

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - others

Corresponding author: No

City of event: San Francisco, United States of America

Date of event: 12/12/2016

Organising entity: American Geosciences Union

City organizing entity: San Francisco, United States of America

Maeregu Arisido; Carlo Gaetan; Davide Zanchettin; Angelo Rubino; Jorge López Parages. "Geophysical Research Abstracts".

13 Title of the work: Climate influence on the North West African fisheries: a large-scale perspective

Name of the conference: PREFACE-PIRATA-CLIVAR Tropical Atlantic Variability Conference

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Paris, France

Date of event: 28/11/2016



Organising entity: PREFACE project - PIRATA program - CLIVAR

Jorge López Parages; María Belén Rodríguez de Fonseca; Timothee Brochier; Carlo Gaetan; Angelo Rubino; Davide Zanchettin; Maeregu W.Arisido; Noel Keenlyside; Pierre-Amael Auger. "PREFACE-PIRATA-CLIVAR Tropical Atlantic Variability Conference: Book of Abstracts".

- 14** **Title of the work:** ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach
Name of the conference: THEMES 2016: Measuring, Modelling and Predicting Marine Environments. State of the Art and Challenges
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Venice, Veneto, Italy
Date of event: 23/11/2016
Organising entity: Ca Foscari University **Type of entity:** University
City organizing entity: Venice,
Jorge López Parages; María Belén Rodríguez de Fonseca; Dietmar Dommenges; Claudia Frauen.
- 15** **Title of the work:** ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach
Name of the conference: ICTP Workshop on Teleconnections in the Present and Future Climate
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Trieste, Friuli-Venezia Giulia, Italy
Date of event: 24/10/2016
End date: 28/10/2016
Organising entity: The Abdus Salam International Centre for Theoretical Physics (ICTP)
Jorge López Parages; Belén Rodríguez Fonseca; Dietmar Dommenges; Claudia Frauen; Laurent Terray; Elsa Mohino; Teresa Losada.
- 16** **Title of the work:** ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach
Name of the conference: 16th European Meteorological Society Annual Meeting & 11th European Conference on Applied Climatology
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Trieste, Friuli-Venezia Giulia, Italy
Date of event: 12/09/2016
End date: 16/09/2016
Organising entity: European Meteorological Society **Type of entity:** Associations and Groups
Jorge López Parages; Belén Rodríguez Fonseca; Dietmar Dommenges; Claudia Frauen.
- 17** **Title of the work:** Multidecadal modulation of ENSO teleconnection with Europe in CMIP5 models
Name of the conference: European Geosciences Union (EGU) General Assembly 2016
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - others
Corresponding author: No
City of event: Viena, Austria
Date of event: 20/04/2016
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union



City organizing entity: Viena, Austria

Jorge López Parages; Belén Rodríguez Fonseca; Elsa Mohino; Teresa Losada. "Geophysical Research Abstracts, Vol. 18". ISSN 1607-7962

- 18** **Title of the work:** Multidecadal Modulation of ENSO teleconnection with Europe
Name of the conference: International Symposium CLIMATE-ES 2015 "Progress on climate change detection and projections over Spain since the findings of the IPCC AR5 Report"
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Tortosa, Catalonia, Spain
Date of event: 11/03/2015
End date: 13/03/2015
Organising entity: CLIVAR, AEC, AME, WCRP, OECC, Ministerio de Agricultura, Alimentación y Medio Ambiente
Type of entity: Non-profit international union
City organizing entity: Universitat Rovira i Virgili, Catalonia, Spain
Jorge López Parages; Belén Rodríguez de Fonseca; Dietmar Dommenges; Claudia Frauen.
- 19** **Title of the work:** Is El Niño impact over the European rainfall modulated by natural multidecadal variability ?
Name of the conference: European Geosciences Union (EGU) General Assembly 2014
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 02/05/2014
Organising entity: European Geosciences Union
Type of entity: Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Belén Rodríguez Fonseca; Laurent Terray. "Geophysical Research Abstracts, Vol. 16". ISSN 1607-7962
- 20** **Title of the work:** ENSO-North Atlantic European climate: a nonstationary teleconnection?
Name of the conference: European Geosciences Union (EGU) General Assembly 2014
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 01/05/2014
Organising entity: European Geosciences Union
Type of entity: Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Dietmar Dommenges; Belén Rodríguez Fonseca; Claudia Frauen. "Geophysical Research Abstracts, Vol. 16". ISSN 1607-7962
- 21** **Title of the work:** Is El Niño impact over the european rainfall modulated by natural multidecadal variability?
Name of the conference: XXXIII Jornadas Científicas de la Asociación Meteorológica Española: Tiempo, Clima y Sociedad
Type of event: Workshop
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Oviedo, Principality of Asturias, Spain
Date of event: 09/04/2014
Type of entity: Non-profit national union



Organising entity: Asociación Meteorológica Española

Jorge López Parages; Belén Rodríguez Fonseca. "Meteorología y Energías Renovables, XXXIII Jornadas Científicas de la Asociación Meteorológica Española". ISBN 978-84-613-9596-5

- 22** **Title of the work:** Nonstationary relationship between the Euro-Mediterranean rainfall and the El Niño phenomenon
Name of the conference: European Geosciences Union (EGU) General Assembly 2013
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 07/04/2013
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Belén Rodríguez Fonseca. "Geophysical Research Abstracts, Vol. 15". ISSN 1607-7962
- 23** **Title of the work:** Nonstationary relationship between the Euro-Mediterranean rainfall and the El Niño phenomenon
Name of the conference: MedCLIVAR Final Conference 2012. The climate of the Mediterranean region: understanding its evolution and effects on environment and societies
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Madrid, Community of Madrid, Spain
Date of event: 26/09/2012
Organising entity: MedCLIVAR - Mediterranean Climate Variability and Predictability
Jorge López Parages; Belén Rodríguez Fonseca. "MedClivar Final Conference 2012: Book of Abstracts".
- 24** **Title of the work:** Multidecadal Modulation of El Niño influence on the leading Euro-Mediterranean rainfall mode
Name of the conference: 8th International Meeting of the Spanish Association of Climatology
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 25/09/2012
End date: 28/09/2012
Organising entity: Spanish Association of Climatology Publications **Type of entity:** Non-profit national union
City organizing entity: Madrid,
Jorge López Parages; Belén Rodríguez Fonseca. "Spanish Association of Climatology Publications A-series, nº8". ISSN: 978-84-695-4331-3".
- 25** **Title of the work:** Modulación Multidecadal de la Teleconexión entre El Niño y la Precipitación en Europa y el área mediterránea
Name of the conference: XXXII Jornadas Científicas de la Asociación Meteorológica Española y el 11º Encuentro Hispano-Luso
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Madrid, Community of Madrid, Spain
Date of event: 28/05/2012



Organising entity: Asociación Meteorológica Española

Type of entity: non-profit national union

Jorge López Parages; Belén Rodríguez Fonseca. "Meteorología y Energías Renovables, XXXII Jornadas Científicas de la Asociación Meteorológica Española". ISBN 978-84-613-9596-5

26 Title of the work: Multidecadal Modulation of El Niño influence on the Euro-Mediterranean rainfall

Name of the conference: European Geosciences Union (EGU) General Assembly 2012

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Viena, Austria

Date of event: 22/04/2012

Organising entity: European Geosciences Union **Type of entity:** Non-profit international union

City organizing entity: Viena, Austria

Jorge López Parages; Belén Rodríguez Fonseca. "Geophysical Research Abstracts, Vol. 14". ISSN 1607-7962

27 Title of the work: Multidecadal Modulation of ENSO influence on the interannual Euro-Mediterranean rainfall

Name of the conference: WCRP Open Science Conference 2011: Climate Research in Service to Society

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Denver (Colorado), United States of America

Date of event: 24/10/2011

Organising entity: World Climate Research Programme

City organizing entity: Denver (Colorado), United States of America

Jorge López Parages; Belén Rodríguez Fonseca. "Book of Abstracts".

28 Title of the work: Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region

Name of the conference: WCRP Open Science Conference 2011: Climate Research in Service to Society

Type of event: Conference

Type of participation: Participatory - poster

Corresponding author: Yes

City of event: Denver (Colorado), United States of America

Date of event: 24/10/2011

End date: 28/10/2011

Organising entity: World Climate Research Programme

City organizing entity: Denver (Colorado), United States of America

Jorge López Parages; Belén Rodríguez Fonseca. "Book of Abstracts".

29 Title of the work: Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region

Name of the conference: 11th European Meteorological Society Annual Meeting & 10th European Conference on Applications of Meteorology

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - others

Corresponding author: No

City of event: Berlin, Brandenburg - Nordost, Germany

Date of event: 12/09/2011

Organising entity: European Meteorological Society **Type of entity:** Associations and Groups



Jorge López Parages; Belén Rodríguez Fonseca.

- 30** **Title of the work:** The ENSO influence on the Euro-Mediterranean rainfall. A Multidecadal Modulated relationship?
Name of the conference: MedCLIVAR Final Conference 2011. Mediterranean Climate: From Past to Future
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Lecce, Puglia, Italy
Date of event: 06/06/2011
End date: 09/06/2011
Organising entity: MedCLIVAR - Mediterranean Climate Variability and Predictability
Type of entity: International program sponsored by the European Science Foundation
Jorge López Parages; Belén Rodríguez Fonseca. "MedClivar Final Conference 2011; Book of Abstracts".
- 31** **Title of the work:** Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region
Name of the conference: European Geosciences Union (EGU) General Assembly 2011
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 03/04/2011
Organising entity: European Geosciences Union
Type of entity: Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Belén Rodríguez Fonseca. "Geophysical Research Abstracts, Vol. 13". ISSN 1607-7962
- 32** **Title of the work:** The ENSO influence on the Euro-Mediterranean rainfall. A Multidecadal Modulated relationship?
Name of the conference: European Geosciences Union (EGU) General Assembly 2011
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 03/04/2011
Organising entity: European Geosciences Union
Type of entity: Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Belén Rodríguez Fonseca. "Geophysical Research Abstracts, Vol. 13". ISSN 1607-7962
- 33** **Title of the work:** The Climate Shift and the Climate Variability in the Mediterranean Region
Name of the conference: IV Hydrological cycle in Mediterranean Experiment Workshop (HYMEX)
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Bolonia, Emilia-Romagna, Italy
Date of event: 08/06/2010
End date: 10/06/2010
Organising entity: Hydrological cycle in the Mediterranean Experiment
City organizing entity: Bolonia, Italy
Jorge López Parages; Belén Rodríguez Fonseca. "4th HyMeX Workshop, Book of Abstracts".



- 34** **Title of the work:** The Climate Shift and the Climate Variability in the Mediterranean Region
Name of the conference: European Geosciences Union (EGU) General Assembly 2010
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Viena, Austria
Date of event: 02/05/2010
Organising entity: European Geosciences Union **Type of entity:** Non-profit international union
City organizing entity: Viena, Austria
Jorge López Parages; Belén Rodríguez Fonseca. "Geophysical Research Abstracts, Vol. 12". ISSN 1607-7962
- 35** **Title of the work:** Modulación Multidecadal de la Teleconexión entre El Niño y la Precipitación en Europa y el área mediterránea
Name of the conference: XXXI Jornadas Científicas de la Asociación Meteorológica Española?y el 10º Encuentro Hispano-Luso?
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Sevilla, Andalusia, Spain
Date of event: 01/03/2010
End date: 03/03/2010
Organising entity: Asociación Meteorológica Española **Type of entity:** Non-profit national union
Jorge López Parages; Belén Rodríguez Fonseca. "Meteorología y Energías Renovables, XXXI Jornadas Científicas de la Asociación Meteorológica Española, ISBN: 978 – 84 – 613 -9596 – 5".

Works submitted to national or international seminars, workshops and/or courses

- 1** **Title of the work:** Non-stationary leading Euromediterranean rainfall-tropical SST coupled mode
Name of the event: Periodic Seminar of the School of Mathematical Sciences
Corresponding author: Yes **Reasons for participation:** Upon invitation
City of event: Melbourne, Australia
Date of event: 17/09/2013
End date: 17/09/2013
Organising entity: Monash University **Type of entity:** University
- 2** **Title of the work:** Multidecadal modulation of El Niño influence on the Euro-Mediterranean rainfall: many questions remain open
Name of the event: Periodic Seminar of the Climate modeling and Global change group (CERFACS)
Corresponding author: Yes **Reasons for participation:** Upon invitation
City of event: Toulouse, France
Date of event: 20/02/2012
End date: 20/02/2012
Organising entity: European Center for Research & Advanced Training in Scientific Computation (CERFACS) **Type of entity:** R&D Centre

Other dissemination activities

- 1** **Title of the work:** Experimentos para descubrir el planeta
Name of the event: Experimentos para descubrir el planeta (Taller 1)
Type of event: Scientific dissemination activity
City of event: Madrid, 23/09/2017, Spain
Date of event: 23/09/2017
Organising entity: Social and Cultural centre "La Casa Encendida Madrid" **Type of entity:** Foundation
City organizing entity: Madrid, Community of Madrid, Spain
- 2** **Title of the work:** Sobre el clima en el Atlántico Norte y su variabilidad
Name of the event: Madri+d
Type of event: Scientific dissemination article
Corresponding author: No
City of event: Madrid, 17/06/2014, Spain
Date of event: 17/06/2014
Organising entity: Fundación para el Conocimiento **Type of entity:** Foundation
madr+d
City organizing entity: Madrid, Community of Madrid, Spain
Type: Popular science article
María Belén Rodríguez de Fonseca; Iñigo Gómara Cardalliaguet; Jorge López Parages. En: Sobre el clima en el Atlántico Norte y su variabilidad. Community of Madrid (Spain): 17/06/2014. Available on-line at: <<http://www.madrimasd.org/informacionIdi/analisis/analisis/analisis.asp?id=60730>>.
- 3** **Title of the work:** Clase sobre el fenómeno de El Niño
Name of the event: La Complu en la calle
Type of event: Fairs and exhibitions
City of event: Madrid, 28/11/2012, Spain
Date of event: 28/11/2012
Organising entity: La complu en la calle
City organizing entity: Madrid, Community of Madrid, Spain

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Scientific Committee: "PREFACE INTERNATIONAL CONFERENCE ON OCEAN, CLIMATE AND ECOSYSTEMS"
Primary (UNESCO code): 251000 - Oceanography
Secondary (UNESCO code): 250100 - Atmospheric sciences
Tertiary (UNESCO code): 250200 - Climatology
Affiliation entity: European Union 7th Framework Programme (FP7-Environment)
City affiliation entity: Lanzarote, Canary Islands, Spain
Start-End date: 17/04/2018 - 19/04/2018



- 2** **Committee title:** Scientific Committee "THEMES 2016: Measuring, Modelling and Predicting Marine Environments. State of the Art and Challenges"
Primary (UNESCO code): 251000 - Oceanography
Secondary (UNESCO code): 250100 - Atmospheric sciences
Tertiary (UNESCO code): 250200 - Climatology
Affiliation entity: Università Ca Foscari
City affiliation entity: Venice, Veneto, Italy
Start-End date: 23/11/2016 - 25/11/2016

Organization of R&D activities

- 1** **Title of the activity:** PREFACE INTERNATION CONFERENCE ON OCEAN, CLIMATE AND ECOSYSTEMS
Type of activity: International Conference **Geographical area:** European Union
Convening entity: European Union 7th Framework Programme (FP7-Environment)
City convening entity: Lanzarote, Canary Islands, Spain
Type of participation: Organiser
Start-End date: 17/04/2018 - 19/04/2018
- 2** **Title of the activity:** THEMES 2016: Measuring, Modelling and Predicting Marine Environments. State of the Art and Challenges
Type of activity: International Conference **Geographical area:** Regional
Convening entity: Università Ca Foscari
City convening entity: Venice, Veneto, Italy
Type of participation: Organiser
Start-End date: 23/11/2016 - 25/11/2016
- 3** **Title of the activity:** "Atmósfera y Océano: La Meteorología en nuestras vidas, el clima en nuestras manos". XV Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination
City of event: Madrid, Community of Madrid, Spain
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 02/11/2015 - 15/11/2015
- 4** **Title of the activity:** "Atmósfera y Océano: el clima en nuestras manos". XIV Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination **Geographical area:** European Union
City of event: Madrid, Community of Madrid, Spain
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 03/11/2014 - 17/11/2014



- 5** **Title of the activity:** Mesa Redonda sobre Cambio Climático
Type of activity: Scientific dissemination **Geographical area:** Regional
Convening entity: La Uni en la calle **Type of entity:** Associations and Groups
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 09/03/2013 - 09/03/2013
- 6** **Title of the activity:** "Atmósfera y Océano: el clima en nuestras manos". XII Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination **Geographical area:** European Union
City of event: Madrid, Community of Madrid, Spain
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 05/11/2012 - 18/11/2012
- 7** **Title of the activity:** "Atmósfera y Océano: la meteorología en nuestras vidas". XII Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination **Geographical area:** European Union
City of event: Madrid, Community of Madrid, Spain
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 05/11/2012 - 18/11/2012
- 8** **Title of the activity:** "Atmósfera y Océano". XI Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination
City of event: Madrid, Community of Madrid, Spain
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 07/11/2011 - 20/11/2011
- 9** **Title of the activity:** "Atmósfera y Océano". X Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination
Convening entity: Comunidad de Madrid **Type of entity:** Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 08/11/2010 - 21/11/2010



- 10** **Title of the activity:** "Atmósfera y Océano". IX Semana de la Ciencia de la Comunidad de Madrid
Type of activity: Scientific dissemination
Convening entity: Comunidad de Madrid
Type of entity: Dirección General de Universidades e Investigación de la Consejería de Educación, Juventud y Deporte de la Comunidad de Madrid
City convening entity: Madrid, Community of Madrid, Spain
Type of participation: Organiser
Start-End date: 09/11/2009 - 22/11/2009
- 11** **Title of the activity:** Taller de Atmósfera y Océano para el Colegio Público República de Venezuela
Type of activity: Scientific dissemination
City of event: Madrid, Community of Madrid, Spain
Convening entity: Colegio Público República de Venezuela
Type of participation: Organiser
Start date: 29/05/2014
Duration: 1 day
- 12** **Title of the activity:** Taller de Atmósfera y Océano para "El día de la Ciencia del Colegio Público La Biznaga"
Type of activity: Scientific dissemination
City of event: Málaga, Andalusia, Spain
Convening entity: Colegio Público La Biznaga
Type of participation: Organiser
Start date: 16/05/2014
Duration: 1 day
- 13** **Title of the activity:** Scientific dissemination webpage: Virtual Laboratory of Meteorology and Climate
Type of activity: Scientific dissemination
Convening entity: Universidad Complutense de Madrid
Type of entity: University
Type of participation: Organiser
Start date: 01/06/2011

R&D management

Name of the activity: Principal investigator (IP) of the project: "Ciencia y Colectivos sin voz frente al Cambio Climático: buscando respuestas justas a un problema global"
Type of management: Management of R&D&I actions and projects
Performed tasks: Coordinador del proyecto y gestor del presupuesto
City of entity: Madrid, Community of Madrid, Spain
Entity: Universidad Complutense de Madrid
Type of entity: University
Start date: 01/01/2018
Duration: 1 year
Access system: By competition
Average annual budget: 5.242
Nº of people: 12



Evaluation and revision of R&D projects and articles

Name of the activity: Review of scientific articles

Performed tasks: Usual reviewer of articles in scientific journals: Bulletin of the American Meteorological Society (IF2016: 7.281; quartile 1) Journal of Climate (IF2015: 4.850; quartile 1) and Geophysical Research Letters (IF2015: 4.212, quartile 1)

Entity where activity was carried out: AMERICAN METEOROLOGICAL SOCIETY and AMERICAN GEOPHYSICAL UNION

City of entity: United States of America

Type of activity: Review of articles in scientific or technological journals

Access system: By public merit

Start date: 01/09/2016

Other achievements

Stays in public or private R&D centres

- Entity:** Monash University **Type of entity:** University
Faculty, institute or centre: School of Mathematical Sciences
City of entity: Melbourne, Australia
Start-End date: 23/09/2013 - 23/12/2013 **Duration:** 3 months
Funding entity: Ministerio de Ciencia e Innovación **Type of entity:** Ministerio
Name of programme: Ayudas a la movilidad predoctoral para la realización de estancias breves en centros de I+D 2012
Goals of the stay: Doctorate
- Entity:** European Center for Research & Advanced Training in Scientific Computation (CERFACS) **Type of entity:** R&D Centre
City of entity: Toulouse, France
Start-End date: 10/02/2012 - 18/05/2012 **Duration:** 3 months
Funding entity: Ministerio de Ciencia e Innovación **Type of entity:** Ministerio
Name of programme: Ayudas a la movilidad predoctoral para la realización de estancias breves en centros de I+D 2011
Goals of the stay: Doctorate

Obtained grants and scholarships

- Name of the grant:** Scientist Travel Award (Summer School - Ecology of Eastern Boundary Upwelling Systems)
City awarding entity: Saint-Louis, Senegal
Aims: Post-doctoral
Awarding entity: The Volkswagen Foundation
Conferral date: 23/04/2016 **Duration:** 10 days
- Name of the grant:** Formación de Personal Investigador (FPI-MICINN)
City awarding entity: Madrid, Community of Madrid, Spain
Aims: Pre-doctoral



Awarding entity: Ministerio de Ciencia e Innovación **Type of entity:** Ministerio
Conferral date: 06/02/2010 **Duration:** 4 years
Entity where activity was carried out: Universidad Complutense de Madrid
Faculty, institute or centre: Facultad de Ciencias Físicas

Prizes, mentions and distinctions

- 1** **Description:** EMS Young Scientist Award
Awarding entity: European Meteorological Society
City awarding entity: Trieste, Friuli-Venezia Giulia, Italy
Conferral date: 13/09/2016
- 2** **Description:** Young Scientist Award
Awarding entity: Universidad de Salamanca y Asociación Española de Climatología
City awarding entity: Salamanca, Castile and León, Spain
Conferral date: 28/09/2012

Summary of other achievements

- 1** **Description of the achievement:** Asistencia a las Primeras Jornadas Científicas del Campus de Excelencia Internacional (CEI)
Accrediting entity: Universidad Complutense de Madrid **Type of entity:** University
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 24/02/2011
- 2** **Description of the achievement:** Asistencia a las Primeras Jornadas Malacitanas de Estudios Antárticos: La Antártida como indicador de cambio global
Accrediting entity: Universidad Complutense de Madrid **Type of entity:** University
City accrediting entity: Málaga, Andalusia, Spain
Conferral date: 10/10/2008
- 3** **Description of the achievement:** Asistencia al Primer Congreso Complutense de divulgación de Física Nuclear y de Partículas
Accrediting entity: Universidad Complutense de Madrid **Type of entity:** University
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 08/07/2008