

Jorge López-Parages

Dpto. di Scienze Ambientali, Informatica e Statistica
Ca' Foscari University
Campus scientifico via Torino, Venice, Italy

jorge.parages@unive.it
Land line: +39 041 234 8404
Mobile: +39 3289050586
parages4 (*Skype*)

Current professional situation

Postdoctoral researcher JAN '16 -
Institution: Ca' Foscari University (Venice, Italy)
Topic: Statistical methods to improve forecast of Tropical Atlantic Climate and its effects on small scale fisheries
(PREFACE PROJECT)

Education

Master's degree in Geophysics and Meteorology (120 credits) OCT '09
Universidad Complutense de Madrid (Madrid, Spain)
Postgraduate Certificate in Education (25 credits) MAR '09
Universidad Complutense de Madrid (Madrid, Spain)
Bachelor's degree in Physics (5-years program, 300 credits) JUN '08
Universidad Complutense de Madrid (Madrid, Spain)

Grants & scholarships

Name: Formation of professional researchers OCT '10 – OCT '14
Aim: Pre-doctoral
Conferring Institution: Ministry of Science and Innovation (Spain)
Duration: 4 years

Language skills

Spanish (*mother tongue*)
English (*advanced*)
French (*beginner*)
Italian (*beginner*)

Skills

Knowledge of climate dynamics and physics.
Experienced in applying statistical techniques to large datasets.
Skilled in sensitivity experiments with AGCM Models.
Working knowledge of Matlab, Opengrads and CDO (Climate Data Operators).
Familiar with Linux environment and \LaTeX .
Notions of R programming language and bash shell scripting

Specialised, technical and professional training (other than formal academic)

Title: The Nansen Tutu Summer School on Ocean, Climate and Marine Ecosystem: A focus on the Agulhas Current, the Benguela upwelling system and the Tropical Atlantic NOV-DEC '14
Organized by: PREFACE, Enhancing Prediction of Tropical Atlantic Climate and its Impacts
Held in: University of Cape Town (Cape Town, South Africa)
Duration: 48h

<p><i>Title:</i> International Campus of Excellence Conference <i>Organized by:</i> Universidad Complutense de Madrid & Universidad Politécnica de Madrid <i>Held in:</i> Universidad Complutense de Madrid (Madrid, Spain) <i>Duration:</i> 10h</p>	FEB '11
<p><i>Title:</i> UCLA MODEL II Description, compilation and running <i>Organized by:</i> Dra. Teresa Losada Doval and TROPA-UCM Team <i>Held in:</i> Universidad Complutense de Madrid <i>Duration:</i> 10h</p>	Nov '10
<p><i>Title:</i> UCLA MODEL Description, compilation and running <i>Organized by:</i> Dr. Heng Xiao and TROPA-UCM Team <i>Held in:</i> Universidad Complutense de Madrid <i>Duration:</i> 10h</p>	JUN '10
<p><i>Title:</i> Advanced course of Linux <i>Organized by:</i> UCM-SUN Aula <i>Held in:</i> Universidad Complutense de Madrid (Madrid, Spain) <i>Duration:</i> 10h</p>	Nov '08
<p><i>Title:</i> Introduction to Linux <i>Organized by:</i> UCM-SUN Aula <i>Held in:</i> Universidad Complutense de Madrid (Madrid, Spain) <i>Duration:</i> 4h</p>	Oct '08

Peer-reviewed publications

- Authors:* **Jorge López-Parages**, Belén Rodríguez-Fonseca, Elsa Mohino and Teresa Losada
Title: [Multidecadal Modulation of ENSO teleconnection with Europe in late winter: Analysis of CMIP5 models](#)
Type: Paper
Publication: J. Climate DOI: <http://dx.doi.org/10.1175/JCLI-D-15-0596.1>
- Authors:* Belén Rodríguez-Fonseca, Roberto Suarez, Blanca Ayarzagüena, **Jorge López-Parages**, Iñigo Gómara, Julian Villamayor, Elsa Mohino, Teresa Losada and Antonio Castaño Tierno
Title: [A Review of ENSO Influence on the North Atlantic. A Non-Stationary Signal](#)
Type: Paper
Publication: Atmosphere doi:10.3390/atmos7070087
- Authors:* **Jorge López-Parages**, Belén Rodríguez-Fonseca, Dietmar Dommenges and Claudia Frauen
Title: [ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach](#)
Type: Paper
Publication: Clim. Dyn. Dec 2015 doi = 10.1007/s00382-015-2951-0
- Authors:* **Jorge López-Parages**, Belén Rodríguez-Fonseca and Laurent Terray
Title: [A mechanism for the multidecadal modulation of ENSO teleconnection with Europe](#)
Type: Paper
Publication: Clim. Dyn. Oct 2014 doi = 10.1007/s00382-014-2319-x
- Authors:* **Jorge López-Parages**, Julián Villamayor, Iñigo Gómara, Teresa Losada, Marta Martín Rey, Elsa Mohino, Irene Polo, Belén Rodríguez-Fonseca and Roberto Suárez
Title: [No-estacionariedad de teleconexiones interanuales modulada por variabilidad multi-decadal](#)
Type: Paper
Publication: Física de la Tierra, 25. 2013 ISSN: 0214-4557
- Authors:* **Jorge López-Parages** and Belén Rodríguez-Fonseca
Title: [Multidecadal modulation of El Niño influence on the Euro-Mediterranean rainfall](#)
Type: Paper
Publication: Geophys. Res. Lett. 39. Jan 2012 doi = 10.1029/2011GL050049
-

Other publications

- Authors:* **Belén Rodríguez-Fonseca, Iñigo Gómara and Jorge López-Parages**
Title: [Sobre el clima en el Atlántico Norte y su variabilidad](#)
Type: Paper
Publication: madrid+d

Work presented in conferences

- Title:* ENSO influence on the North Atlantic European climate: a non-linear and non-stationary approach SEP '16
Authors: **Jorge López-Parages**, Belén Rodríguez-Fonseca, Dietmar Dommenges and Claudia Frauen
Type: Oral
Conference: 16th EMS Annual Meeting & 11th European Conference on Applied Climatology (ECAC)
Held in: Trieste, Italy
- Title:* Multidecadal modulation of ENSO teleconnection with Europe MAR '15
Authors: **Jorge López-Parages**, Belén Rodríguez-Fonseca, Dietmar Dommenges and Claudia Frauen
Type: Oral
Conference: International Symposium CLIMATE-ES 2015
Held in: Tortosa, Spain
- Title:* Is El Niño impact over the European rainfall modulated by natural multidecadal variability? MAY '14
Authors: **Jorge López-Parages**, Belén Rodríguez-Fonseca and Laurent Terray
Type: Poster
Conference: European Geosciences Union (EGU) General Assembly 2014
Held in: Vienna, Austria
- Title:* ENSO-North Atlantic European climate: a nonstationary teleconnection? MAY '14
Authors: **Jorge López-Parages**, Dietmar Dommenges, Belén Rodríguez-Fonseca and Claudia Frauen
Type: Poster
Conference: European Geosciences Union (EGU) General Assembly 2014
Held in: Vienna, Austria
- Title:* Is El Niño impact over the European rainfall modulated by natural multidecadal variability? APR '14
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral (Belén Rodríguez-Fonseca)
Conference: XXXIII Jornadas Científicas de la Asociación Meteorológica Española : "Tiempo, Clima y Sociedad"
Held in: Madrid, Spain
- Title:* Nonstationary relationship between the Euro-Mediterranean rainfall and the El Niño phenomenon APR '14
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral
Conference: European Geosciences Union (EGU) General Assembly 2013
Held in: Vienna, Austria
- Title:* Nonstationary relationship between the Euro-Mediterranean rainfall and the El Niño phenomenon SEP '12
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral
Conference: MedClivar 2012 Conference: "The climate of the Mediterranean region: understanding its evolution and effects on environment and societies"
Held in: Madrid, Spain
- Title:* Multidecadal Modulation of El Niño influence on the leading Euro-Mediterranean rainfall mode SEP '12
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral
Conference: 8th International Meeting of the Spanish Association of Climatology
Held in: Madrid, Spain
- Title:* Modulación Multidecadal de la Teleconexión entre El Niño y la Precipitación en Europa y el área mediterránea MAY '12
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral
Conference: XXXII Jornadas Científicas de la Asociación Meteorológica Española y el 11 Encuentro Hispano-Luso
Held in: Madrid, Spain
- Title:* Multidecadal Modulation of El Niño influence on the Euro-Mediterranean rainfall APR '12
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca
Type: Oral
Conference: European Geosciences Union (EGU) General Assembly 2012
Held in: Vienna, Austria
- Title:* Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region OCT '11
Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: WCRP Open Science Conference 2011

Held in: Denver, Colorado, USA

Title: The ENSO influence on the Euro-Mediterranean rainfall. A Multidecadal Modulated relationship? JUN '11

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Oral

Conference: MedCLIVAR Final Conference. Mediterranean Climate: From Past to Future

Held in: Lecce, Italy

Title: Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region APR '11

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: European Geosciences Union (EGU) General Assembly 2011

Held in: Vienna, Austria

Title: The ENSO influence on the Euro-Mediterranean rainfall. A Multidecadal Modulated relationship? APR '11

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: European Geosciences Union (EGU) General Assembly 2011

Held in: Vienna, Austria

Title: Multidecadal Modulation of the interannual rainfall variability over the Euro-Mediterranean region SEP '11

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: EMS Annual Meeting Abstracts, EMS2011-139

Held in: Berlin, Germany

Title: The Climate Shift and the Climate Variability in the Mediterranean Region JUN '10

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: IV HYdrological cycle in Mediterranean EXperiment Workshops (HYMEX)

Held in: Bologna, Italy

Title: The Climate Shift and the Climate Variability in the Mediterranean Region MAY '10

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: European Geosciences Union (EGU) General Assembly 2010

Held in: Vienna, Austria

Title: Modulación Multidecadal de la Teleconexión entre El Niño y la Precipitación en Europa y el área mediterránea MAR '10

Authors: **Jorge López-Parages** and Belén Rodríguez-Fonseca

Type: Poster

Conference: XXXI Jornadas Científicas de la Asociación Meteorológica Española y el 10 Encuentro Hispano-Luso

Held in: Sevilla, Spain

Participation in research projects

Name: PREFACE: Enhancing Prediction of Tropical Atlantic Climate and its Impacts Nov '13 – Oct '17

Institution: Universidad Complutense de Madrid (Madrid, Spain)

PI: Noel Keenlyside

Funding institutions: European Union (FP7)

Name: MULCLIVAR: Multiscale climate variability. Agronomical and economic impacts FEB '13 – JAN '16

Institution: Universidad Complutense de Madrid (Madrid, Spain)

PI: Belén Rodríguez-Fonseca

Funding institutions: Ministry of Science and Innovation, Spain

Name: Actualización de Recursos del Laboratorio de Física de la Atmósfera y el Océano Fongang en UCAD (Senegal) APR '12 – DEC '13

Institution: Universidad Complutense de Madrid (Madrid, Spain)

PI: Elsa Mohino

Funding institutions: Universidad Complutense de Madrid, Spain

Name: Seminario España-Brasil en Variabilidad Climática del Atlántico Tropical y Teleconexiones JUN '12 – JUN '12
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: Belén Rodríguez-Fonseca
Funding institutions: Ministerio de Educación. Programa Hispano-Brasileño de cooperación Interuniversitaria, Spain

Name: Proyecto de Innovación y Mejora de la calidad docente: Laboratorio virtual de Meteorología y Clima JUN '11 – JUN '12
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: Belén Rodríguez-Fonseca
Funding institutions: Universidad Complutense de Madrid , Spain

Name: Creación y Donación de un modelo estadístico de predicción de lluvias en el Sahel (VR: 101/11) JAN '11 – JAN '12
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: Belén Rodríguez-Fonseca
Funding institutions: Universidad Complutense de Madrid , Spain

Name: TRACS: Variabilidad del Atlántico Tropical y la Transición Climática (CGL2009-10285) JAN '09 – JAN '12
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: Belén Rodríguez-Fonseca
Funding institutions: Ministry of Science and Innovation, Spain

Name: MOVAC (20080005008402): Modelización de la Variabilidad Climática global mediante una jerarquía de modelos climáticos. Relevancia en el Clima de la Península Ibérica JAN '08 – JAN '11
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: Marisa Montoya
Funding institutions: Ministerio de Medio Ambiente y Medio Rural y Marino, Spain

Name: DESIREX (2008): Estudio de la isla térmica urbana de la ciudad de Madrid JUN '08 – JUL '08
Institution: Universidad Complutense de Madrid (Madrid, Spain)
PI: J.A. Sobrino
Funding institutions: European Space Agency (ESA)

Stays in foreign research institutions

Institution: European Center for Research and Advanced Training in Scientific Computation (CERFACS) FEB '12 – MAY '12
Center: Climate Modelling and Global Change Group (Toulouse, France)
Supervisor: Laurent Terray
Duration: 3 months

Institution: School of Mathematical Sciences (Monash University) SEP '13 – DEC '13
Center: Monash Weather and Climate Department (Melbourne, Australia)
Supervisor: Dietmar Dommenges
Duration: 3 months

Teaching activity

Subject: Physics Laboratory '13 – '14
Programme: Bachelor degree in Geology
Institution: Universidad Complutense de Madrid
Duration/type: 24h / Teaching

Subject: Atmospheric Physics '13 – '14
Programme: Bachelor degree in Physics
Institution: Universidad Complutense de Madrid
Duration/type: 6h / Teaching

Subject: Science Computation Laboratory '11 – '12
Programme: Bachelor degree in Physics
Institution: Universidad Complutense de Madrid
Duration/type: 90h / Guide Student

Subject: Physics Oceanography '11 – '12
Programme: Bachelor degree in Physics
Institution: Universidad Complutense de Madrid
Duration/type: 12h / Guide Student

Subject: Physics Laboratory '10 – '11
Programme: Bachelor degree in Geology
Institution: Universidad Complutense de Madrid
Duration/type: 90h / Guide Student

Outreach

Title: Atmosphere and Ocean Experiments Nov '15
Activity: Taller de Divulgación Científica de Atmósfera y Océano
Event: Science Week Exhibition XV
Organizing institution: Universidad Complutense de Madrid
Held in: Madrid, Community of Madrid, Spain

Title: Atmosphere and Ocean Experiments Nov '14
Activity: Taller de Divulgación Científica de Atmósfera y Océano
Event: Science Week Exhibition XIV
Organizing institution: Universidad Complutense de Madrid
Held in: Madrid, Community of Madrid, Spain

Title: Climate and Atmosphere Lab MAY '14
Activity: Physics of the atmosphere: Pressure experiments
Event: Science Day
Organizing institution: Public primary school: La Biznaga
Held in: Málaga, Andalucía, Spain

Title: Climate Change Roundtable Discussion MAR '13
Activity: La Uni en la Calle
Event: Universities in the street
Organizing institution: La Uni en la Calle
Held in: Madrid, Community of Madrid, Spain

Title: El Niño Experiments Nov '12
Activity: La Complu en la Calle
Event: Complutense University in the street
Organizing institution: La Complu en la Calle
Held in: Madrid, Community of Madrid, Spain

Title: Atmosphere and Ocean Experiments Nov '12
Activity: Organización del Taller de Divulgación Científica de Atmósfera y Océano
Event: Science Week Exhibition XII
Organizing institution: Universidad Complutense de Madrid
Held in: Madrid, Community of Madrid, Spain

Title: Atmosphere and Ocean Experiments Nov '11
Activity: Taller de Divulgación Científica de Atmósfera y Océano
Event: Science Week Exhibition XI
Organizing institution: Universidad Complutense de Madrid
Held in: Madrid, Community of Madrid, Spain

Title: Atmosphere and Ocean Experiments Nov '10
Activity: Taller de Divulgación Científica de Atmósfera y Océano
Event: Science Week Exhibition X
Organizing institution: Universidad Complutense de Madrid
Held in: Madrid, Community of Madrid, Spain
