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# Comisión Interministerial de Ciencia y Tecnología

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## Curriculum vitae

**Name:** JOAN ALBERT LOPEZ BUSTINS

**Date:** 19/01/2011

Registration number: 07560

Date of fulfillment: 19/01/2011

Surnames: LOPEZ BUSTINS

Name: JOAN ALBERT

ID number: 40537417

Date of birth: 25/10/1980

Gender: Man

**Actual professional status****Organization:** Universitat de Barcelona**Faculty, School or Institute:** #ANG#Facultat de Geografia i Història**Dept./Sect./Str. Unit:** #ANG#Geografia Física i Anàlisi Geogràfica Regional**Postal address:** Despatx 3072 (3a. planta) Departament de Geografia Física i AGR Facultat de Geografia i Història Universitat de Barcelona Montalegre 6 (Barcelona - 08001)**Phone number (Add number and extension):** 934 037 891 ext.**Fax:** 934 037 882**E-mail:** jlopezbustins@ub.edu**Specialization (UNESCO codes):** Climatologia analítica / Climatologia aplicada / Geografia física**Professional category and starting date:** Professor Lector - 05/10/2009**Administrative status** Staff Contracted Temporary Scholarship holder Other situation

specify:

**Dedication** Full time Part time**Academic training**

<u>Bachelors Degree</u>	<u>Center</u>	<u>Date</u>
Llicenciat en Geografia	Universitat de Barcelona	10/09/2002
Màster en Climatologia Aplicada	Universitat de Barcelona	17/01/2005
Màster en Producció Cartogràfica i Sistemes d'Informació Geogràfica	Universitat de Barcelona	17/04/2008
<u>Doctorate</u>	<u>Center</u>	<u>Date</u>
Doctor en Geografia	Universitat de Barcelona	14/12/2007
Menció de Doctor Europeu / European Doctorate Mention	Universitat de Barcelona	16/01/2008

**Previous scientific and/or teaching activities**

<u>Activity</u>	<u>Center/Institution</u>	<u>Dates</u>
Pràctiques fi de Llicenciatura (480 hores) al Canal Méteo	Netmèdia Audiovisual S.L.	17/09/2001 - 15/03/2002
Beca de Formació de Professorat Universitari (FPU)	Universitat de Barcelona	13/01/2003 - 30/06/2006
Redacció de textos didàctics i actualització de dades de Geografia per a llibres d'ESO	Editorial Vicens Vives	30/03/2006 - 20/05/2007
Investigador en formació en pràctiques al Departament de Geografia Física i AGR	Universitat de Barcelona	01/07/2006 - 31/12/2006
Coordinador tècnic del projecte ACCUA (Adaptacions al Canvi Climàtic en l'Ús de l'Aigua)	Centre de Recerca Ecològica i Aplicacions Forestals (CREAF)	01/05/2008 - 30/09/2009

Languages of scientific interest (*Regular, Sufficient, Well*)

<u>Language</u>	<u>Speak</u>	<u>Read</u>	<u>Write</u>
Catalan	Well	Well	Well
Spanish	Well	Well	Well
English	Well	Well	Well
German	Regular	Regular	Regular

**Participation in funded R+D projects from public calls**  
(national and/or international)

**Title of the project / contract:** RECABA: Estructura diaria de la precipitación en Cataluña y sus conexiones mediterráneas

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Ciencia e Innovación

**Institutions participating:** ---

**Number of the project / contract:** CGL2008-06129-C02-01/CLI    **Amount:** ---    **Duration, since:** 2009    **Until:** 2011

**Main researcher:** Javier Martín Vide

**Number of researchers participating:** 17

**Keywords:**

**Code of the project / contract:** 058473    **Order:** 003

**Title of the project / contract:** ANCESTRAL: Análisis dinámico del acoplamiento estratosfera-troposfera en el hemisferio norte y su relación con el cambio climático

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Ciencia e Innovación

**Institutions participating:** ---

**Number of the project / contract:** CGL2008- 06295    **Amount:** ---    **Duration, since:** 2009    **Until:** 2011

**Main researcher:** Encarna Serrano Mendoza

**Number of researchers participating:** 6

**Keywords:**

**Code of the project / contract:** 058474    **Order:** 004

**Title of the project / contract:** IPIBEX: Análisis de la irregularidad pluviométrica a diferentes escalas temporales en la Península Ibérica y Baleares y sus conexiones regionales

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Educación y Ciencia

**Institutions participating:** ---

**Number of the project / contract:** CGL2005-07664-C02-01    **Amount:** ---    **Duration, since:** 2006    **Until:** 2008

**Main researcher:** Javier Martín Vide

**Number of researchers participating:** 17

**Keywords:**

**Code of the project / contract:** 058475    **Order:** 005

**Title of the project / contract:** RED RIMARC: Red Ibérica Mediterránea para el análisis de riesgos climáticos

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Educación y Ciencia

**Institutions participating:** ---

**Number of the project / contract:** CGL2004-21663-E/CLI    **Amount:** ---    **Duration, since:** 2005    **Until:** 2006

**Main researcher:** María José Estrela Navarro

**Number of researchers participating:** 34

**Keywords:**

**Code of the project / contract:** 058477    **Order:** 007

**Title of the project / contract:** RED RIMARC: Red Ibérica Mediterránea para el análisis de riesgos climáticos

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Ciencia y Tecnología.

**Institutions participating:** ---

**Number of the project / contract:** REN2002-10651-E RIES    **Amount:** ---    **Duration, since:** 2003    **Until:** 2004

**Main researcher:** María José Estrela Navarro

**Number of researchers participating:** 34

**Keywords:**

**Code of the project / contract:** 058478    **Order:** 008

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**Title of the project / contract:** Análisis de la irregularidad pluviométrica a diferentes escalas temporales en la Península Ibérica y Baleares y sus conexiones regionales

**Kind of contract/Program:** Sense especificar

**Financing Firm/administration:** Ministerio de Ciencia y Tecnología.

**Institutions participating:** ---

**Number of the project / contract:** REN2001-2865-C02-02/CLI    **Amount:** ---    **Duration, since:** 2001    **Until:** 2004

**Main researcher:** Javier Martín Vide

**Number of researchers participating:** 16

**Keywords:**

**Code of the project / contract:** 058479    **Order:** 009

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## Publications or Scientific-technical documents

(Journal publications)

**Authors (signature):** Ribas A.; Calbó J.; Llausàs A., Lopez-Bustins J.A.

**Title:** Climate climate at the local scale: trends, impacts and adaptations in a northwestern Mediterranean region (Costa Brava, NE Iberian Peninsula)

**Journal:** The International Journal of Climate Change: Impacts and Responses

**Number or authors:** 4

**Volume:** 2 **Number:** 1 **Pages, Initial:** 247 **final:** 264 **Year:** 2010 **Place of publication:** (UNITED STATES)

**ISSN:** 1835-7156 **Legal Deposit:** ---

**Key:** Paper **article code:** 582005 **Order:** 001

**Authors (signature):** Gonzalez-Hidalgo J.; Lopez-Bustins J.A.; Stepanek P.; Martin-Vide J.; De Luis M.

**Title:** Monthly precipitation trends on the Mediterranean façade of the Iberian Peninsula during the second half of the 20th century (1951-2000)

**Journal:** International Journal of Climatology

**Number or authors:** 5

**Volume:** 29 **Number:** 10 **Pages, Initial:** 1415 **final:** 1429 **Year:** 2009 **Place of publication:** (UNITED KINGDOM) **ISSN:** 0899-8418 **Legal Deposit:** ---

**Key:** Paper **article code:** 579193 **Order:** 002

**Authors (signature):** Pereira P.; Castell N.; Azorin-Molina C.; Sanchez-Lorenzo A.; Lopez-Bustins J.A.

**Title:** Summer ozone cycles in the Lisbon metropolitan area and its relation to some meteorological variables

**Journal:** Mokslas - Lietuvos ateitis

**Number or authors:** 5

**Volume:** --- **Number:** --- **Pages, Initial:** 1 **final:** 6 **Year:** 2009 **Place of publication:** Vilnius (LITHUANIA)

**ISSN:** 2029-2341 **Legal Deposit:** ---

**Key:** Paper **article code:** 581255 **Order:** 003

**Authors (signature):** Lopez-Bustins J.A.; Martin-Vide J.; Sanchez-Lorenzo A.

**Title:** Iberia winter rainfall trends based upon changes in teleconnection and circulation patterns

**Journal:** Global and Planetary Change

**Number or authors:** 3

**Volume:** 63 **Number:** 2-3 **Pages, Initial:** 171 **final:** 176 **Year:** 2008 **Place of publication:** (NETHERLANDS)

**ISSN:** 0921-8181 **Legal Deposit:** ---

**Key:** Paper **article code:** 579190 **Order:** 005

**Authors (signature):** Azorin-Molina C.; Lopez-Bustins J.A.

**Title:** An automated sea breeze selection technique based on regional sea-level pressure difference: WeMOi

**Journal:** International Journal of Climatology

**Number or authors:** 2

**Volume:** 28 **Number:** 12 **Pages, Initial:** 1681 **final:** 1692 **Year:** 2008 **Place of publication:** (UNITED KINGDOM) **ISSN:** 0899-8418 **Legal Deposit:** ---

**Key:** Paper **article code:** 579192 **Order:** 006

**Authors (signature):** Martin-Vide J.; Sanchez-Lorenzo A.; Lopez-Bustins J.A.; Cordobilla M.J.; Garcia-Manuel A.; Raso J.M.

**Title:** Torrential rainfall in northeast of the Iberian Peninsula: synoptic patterns and WeMO influence

**Journal:** Advances in Science and Research

**Number or authors:** 6

**Volume:** 2 **Number:** --- **Pages, Initial:** 99 **final:** 105 **Year:** 2008 **Place of publication:** (UNITED KINGDOM)

**ISSN:** 1992-0628 **Legal Deposit:** ---

**Key:** Paper **article code:** 581256 **Order:** 007

**Authors (signature):** López-Bustins J.A.; Salvà M.; Cernocky T.

**Title:** Càlcul i cartografia de la irregularitat pluviomètrica temporal a Catalunya mitjançant tècniques SIG

**Journal:** Treballs de la Societat Catalana de Geografia

**Number or authors:** 3

**Volume:** 23 **Number:** 65 **Pages, Initial:** 569 **final:** 579 **Year:** 2008 **Place of publication:** Barcelona (SPAIN)

**ISSN:** 1133-2190 **Legal Deposit:** B. 24190-1985

**Key:** Paper **article code:** 582006 **Order:** 008

**Authors (signature):** Lopez-Bustins J.A.; Esteban P.; Labitzke K.; Langematz U.

**Title:** The role of the stratosphere in Iberian Peninsula rainfall: a preliminary approach in February

**Journal:** Journal of Atmospheric and Solar-Terrestrial Physics

**Number or authors:** 4

**Volume:** 69 **Number:** 12 **Pages, Initial:** 1471 **final:** 1484 **Year:** 2007 **Place of publication:** (UNITED KINGDOM) **ISSN:** 1364-6826 **Legal Deposit:** ---

**Key:** Paper **article code:** 579191 **Order:** 010

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**Authors (signature):** López-Bustins J.A.

**Title:** El canvi climàtic i la precipitació als Països Catalans

**Journal:** El Temps Premi de Comunicació Científica Joan Lluís Vives 2006 (Xarxa Vives d'Univ.)

**Number or authors:** 1

**Volume:** --- **Number:** 1.196 **Pages, Initial:** 50 **final:** 53 **Year:** 2007 **Place of publication:** València (SPAIN)

**ISSN:** --- **Legal Deposit:** ---

**Key:** Paper **article code:** 582331 **Order:** 011

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**Authors (signature):** Martin-Vide J.; Lopez-Bustins J.A.

**Title:** The Western Mediterranean Oscillation and rainfall in the Iberian Peninsula

**Journal:** International Journal of Climatology

**Number or authors:** 2

**Volume:** 26 **Number:** 11 **Pages, Initial:** 1455 **final:** 1475 **Year:** 2006 **Place of publication:** (UNITED KINGDOM) **ISSN:** 0899-8418 **Legal Deposit:** ---

**Key:** Paper **article code:** 579189 **Order:** 012

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**Authors (signature):** Romeu Codina E.; López-Bustins J.A.

**Title:** Aproximación a la posible existencia de la señal de los ciclos solares 18 y 19 en la pluviometría de la Península Ibérica

**Journal:** Geographica

**Number or authors:** 2

**Volume:** 49 **Number:** --- **Pages, Initial:** 19 **final:** 36 **Year:** 2006 **Place of publication:** Zaragoza (SPAIN)

**ISSN:** 0210-8380 **Legal Deposit:** Z. 2.684/1978

**Key:** Paper **article code:** 581254 **Order:** 013

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**Authors (signature):** Azorín-Molina C.; López-Bustins J.A.

**Title:** Catálogo sinóptico manual y causas atmosféricas de la precipitación en la provincia de Alicante

**Journal:** Boletín de la Asociación de Geógrafos Españoles

**Number or authors:** 2

**Volume:** 38 **Number:** --- **Pages, Initial:** 279 **final:** 310 **Year:** 2004 **Place of publication:** Madrid (SPAIN)

**ISSN:** 0212-9426 **Legal Deposit:** T. 1915-1984

**Key:** Paper **article code:** 579188 **Order:** 014

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**Authors (signature):** López-Bustins J.A.; Azorín-Molina C.

**Title:** Los vientos

**Journal:** Apéndice Editorial Salvat

**Number or authors:** 2

**Volume:** --- **Number:** --- **Pages, Initial:** --- **final:** --- **Year:** 2004 **Place of publication:** Barcelona (SPAIN)

**ISSN:** --- **Legal Deposit:** ---

**Key:** Paper **article code:** 579186 **Order:** 015

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### Publications or Scientific-technical documents

(Book Publications)

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**Authors (signature):** Llasat M.C.; Martín-Vide J.; López-Bustins J.A.; Barrera T.

**Title:** Constatacions de caràcter meteorològic a Catalunya

**Book:** Aigua i canvi climàtic: diagnosi dels impactes previstos a Catalunya

**Publisher:** Agència Catalana de l'Aigua

**Number or authors:** 4

**Volume:** --- **Number:** --- **Pages, Initial:** 29 **final:** 42 **Year:** 2009 **Place of publication:** Barcelona (SPAIN)

**ISBN:** 628.1:551.58 **Legal Deposit:** B-37612-2009

**Key:** Book chapter **Publication code:** 247338 **Order:** 001

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**Authors (signature):** López-Bustins J.A.; Sánchez-Lorenzo A.; Azorín-Molina A.; Ordóñez-López A.

**Title:** Tendencias de la precipitación invernal en la fachada oriental de la Península Ibérica

**Book:** Cambio Climático Regional y sus Impactos

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 4

**Volume:** A **Number:** 6 **Pages, Initial:** 161 **final:** 171 **Year:** 2008 **Place of publication:** Tarragona (SPAIN) **ISBN:** 978-84-612-6051-5 **Legal Deposit:** T-1641-2008

**Key:** Paper **Publication code:** 245730 **Order:** 002

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**Authors (signature):** Pereira P.; Morais L.; Úbeda X.; López-Bustins J.A.

**Title:** Variabilidad de los extremos de precipitación en Portugal durante la segunda mitad del siglo XX

**Book:** Cambio Climático Regional y sus Impactos

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 4

**Volume:** A **Number:** 6 **Pages, Initial:** 425 **final:** 435 **Year:** 2008 **Place of publication:** Tarragona (SPAIN) **ISBN:** 978-84-612-6051-5 **Legal Deposit:** T-1641-2008

**Key:** Paper **Publication code:** 245731 **Order:** 003

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**Authors (signature):** Raso J.M.; Peña J.C.; López-Bustins J.A.; Esteban P.; Prohom M.

**Title:** Las excepcionales condiciones termométricas del verano de 2003 y la mortalidad en Barcelona

**Book:** Riesgos climáticos y cambio global en el mediterráneo español ¿hacia un clima de extremos?

**Publisher:** Colección Interciencias

**Number or authors:** 5

**Volume:** --- **Number:** --- **Pages, Initial:** 97 **final:** 119 **Year:** 2008 **Place of publication:** Alzira (SPAIN)

**ISBN:** 978-84-95484-88-8 **Legal Deposit:** V.1.082-2008

**Key:** Paper **Publication code:** 245728 **Order:** 004

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**Authors (signature):** Martín-Vide J.; Sánchez-Lorenzo A.; Raso J.M.; López-Bustins J.A.; Cordobilla M.J.; Peña J.C.; Soler X.; Prohom M.; Garcia-Manuel A.; Cernocky T.

**Title:** Catálogo de patrones sinópticos asociados a precipitaciones torrenciales en Catalunya

**Book:** Riesgos climáticos y cambio global en el mediterráneo español ¿hacia un clima de extremos?

**Publisher:** Colección Interciencias

**Number or authors:** 10

**Volume:** --- **Number:** --- **Pages, Initial:** 39 **final:** 56 **Year:** 2008 **Place of publication:** Alzira (SPAIN)

**ISBN:** 978-84-95484-88-8 **Legal Deposit:** V.1.082-2008

**Key:** Paper **Publication code:** 245733 **Order:** 005

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**Authors (signature):** López-Bustins J.A.

**Title:** Temperatura de la estratosfera polar y precipitación de la Península Ibérica en marzo (1958-2000)

**Book:** Clima, Sociedad y Medio Ambiente

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 1

**Volume:** A **Number:** 5 **Pages, Initial:** 175 **final:** 189 **Year:** 2006 **Place of publication:** Zaragoza (SPAIN)

**ISBN:** 84-611-2463-4 **Legal Deposit:** z-2.567-2006

**Key:** Paper **Publication code:** 246119 **Order:** 006

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**Authors (signature):** Azorín-Molina C.; López-Bustins J.A.

**Title:** WeMOi: criterio objetivo de selección de la brisa marina en el sureste de la Península Ibérica (Alicante)

**Book:** Clima, Sociedad y Medio Ambiente

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 2

**Volume:** A **Number:** 5 **Pages, Initial:** 53 **final:** 63 **Year:** 2006 **Place of publication:** Zaragoza (SPAIN)

**ISBN:** 84-611-2463-4 **Legal Deposit:** z-2.567-2006

**Key:** Paper **Publication code:** 246118 **Order:** 007

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**Authors (signature):** Oliva M.; López-Bustins J.A.; Barriendos M.; Muedra C.; Martín-Vide J.

**Title:** Reconstrucción histórica de la Oscilación del Mediterráneo Occidental (WeMO) e inundaciones en el levante peninsular (1500-2000)

**Book:** Clima, Sociedad y Medio Ambiente

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 5

**Volume:** A **Number:** 5 **Pages, Initial:** 241 **final:** 250 **Year:** 2006 **Place of publication:** Zaragoza (SPAIN)

**ISBN:** 84-611-2463-4 **Legal Deposit:** z-2.567-2006

**Key:** Paper **Publication code:** 246120 **Order:** 008

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**Authors (signature):** Lopez-Bustins J.A.; Martin-Vide J.; Moreno M.C.; Raso J.M.

**Title:** Urban heat island intensity in Barcelona and the Western Mediterranean Oscillation

**Book:** Preprints Sixth International Conference on Urban Climate.

**Publisher:**

**Number or authors:**

**Volume:** --- **Number:** --- **Pages, Initial:** 830 **final:** 833 **Year:** 2006 **Place of publication:** Göteborg (SWEDEN) **ISBN:** 978-91-631-9000-1 **Legal Deposit:** ---

**Key:** Paper **Publication code:** 229829 **Order:** 009

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**Authors (signature):** López-Bustins J.A.; Azorín-Molina A.

**Title:** Aplicación del índice diario de la Oscilación del Mediterráneo Occidental al estudio de la tipología pluviométrica de Alicante

**Book:** El Clima, entre el Mar y la Montaña

**Publisher:** Publicaciones de la Asociación Española de Climatología (AEC)

**Number or authors:** 2

**Volume:** A **Number:** 4 **Pages, Initial:** 333 **final:** 345 **Year:** 2004 **Place of publication:** Santander (SPAIN) **ISBN:** 84-8102-384-1 **Legal Deposit:** SA-1.453-2004

**Key:** Paper **Publication code:** 245729 **Order:** 011

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**Participation in R+D Contracts of special importance with Companies and/or Public Services**  
(national and/or international)

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**Title of the project / contract:** Grup de recerca consolidat: Grup de Climatologia de la Universitat de Barcelona  
**Kind of contract/Program:** Sense especificar  
**Financing Firm/administration:** GENERALITAT DE CATALUNYA I CONSELLERIA DE INNOVACIÓ,UNIVERSITAT I EMPRESA  
**Institutions participating:** ---  
**Number of the project / contract:** 2009 SGR 443 **Amount:** --- **Duration, since:** 2005 **Until:** 2013  
**Main researcher:** Javier Martín Vide  
**Number of researchers participating:** 19  
**Keywords:**  
**Code of the project / contract:** 058471 **Order:** 001

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**Title of the project / contract:** ACCUA: Adaptacions al Canvi Climàtic en l'Ús de l'Aigua  
**Kind of contract/Program:** Sense especificar  
**Financing Firm/administration:** Obra Social Catalunya Caixa (Caixa de Catalunya, Tarragona i Manresa)  
**Institutions participating:** ---  
**Number of the project / contract:** --- **Amount:** 600.000,00 **Duration, since:** 2008 **Until:** 2011  
**Main researcher:** Javier Retana Alumbros / Jaume Terradas Serra  
**Number of researchers participating:** 16  
**Keywords:**  
**Code of the project / contract:** 058472 **Order:** 002

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**Title of the project / contract:** Avaluació dels efectes del canvi climàtic a la Costa Brava  
**Kind of contract/Program:** Sense especificar  
**Financing Firm/administration:** Institut de Medi Ambient. Girona  
**Institutions participating:** ---  
**Number of the project / contract:** --- **Amount:** --- **Duration, since:** 2008 **Until:** 2008  
**Main researcher:** Anna Ribas Palom  
**Number of researchers participating:** 4  
**Keywords:**  
**Code of the project / contract:** 058476 **Order:** 006

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**Research stays abroad**

(longer than 30 days)

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**Center:** Institut für Meteorologie, Freie Universität Berlin

**Place:** Berlin **Country:** GERMANY **Year:** 2005 **Duration:** 03M

**Issue:** The role of the stratosphere in Iberian Peninsula rainfall. Variables analysed: 11-year sunspot cycle quasi-biennial oscillation (QBO) modulation, polar vortex, major midwinter warmings...

**Key:** \*\*Pre-Doctoral - Focal persons: Dr. Ulrike Langematz and Dr. Karin Labitzke

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**Conference contributions**


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**Authors:** Pla E.; Pascual D.; Lopez-Bustins J.A.; Savé R.; Biel C.; Serra J.; Milego R.; Tamoh K.

**Title:** Global change effects on a Mediterranean river flow in NE Spain

**Kind of participation:** Poster

**Conference:** European Geosciences Union (EGU) General Assembly

**Publication:**

**Number of authors:** 8

**Place of celebration:** Vienna (AUSTRIA) **Year:** 2010

**code:** 309315 **Order:** 001

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**Authors:** Sanchez-Lorenzo A.; Chiacchio M.; Lopez-Bustins J.A.; Calbó J.; Wild M.

**Title:** ERA-40 surface solar radiation and cloudiness variability in Europe and their connection with atmospheric circulation patterns

**Kind of participation:** Poster

**Conference:** European Geosciences Union (EGU) General Assembly

**Publication:**

**Number of authors:** 5

**Place of celebration:** Vienna (AUSTRIA) **Year:** 2010

**code:** 309316 **Order:** 002

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**Authors:** Sanchez-Lorenzo A.; Barriendos M.; Guinaldo E.; Lopez-Bustins J.A.

**Title:** New early instrumental series since the beginning of the 19th century in eastern Iberia (Valencia, Spain)

**Kind of participation:** Poster

**Conference:** European Geosciences Union (EGU) General Assembly

**Publication:**

**Number of authors:** 4

**Place of celebration:** Vienna (AUSTRIA) **Year:** 2010

**code:** 309317 **Order:** 003

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**Authors:** De Herralde F.; Nadal M.; Pla E.; Lopez-Bustins J.A.; Savé R.

**Title:** Global change influence on alcohol content in Priorat and Montsant wines (NE Spain)

**Kind of participation:** Speech

**Conference:** 28th International Horticultural Congress

**Publication:**

**Number of authors:** 5

**Place of celebration:** Lisbon (PORTUGAL) **Year:** 2010

**code:** 309318 **Order:** 004

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**Authors:** Savé R.; Nadal M.; Pla E.; Lopez-Bustins J.A.; De Herralde F.

**Title:** Global change influence on vine physiology and wine quality in Priorat and Montsant (NE Spain)

**Kind of participation:** Speech

**Conference:** Ecososteniblewine 2010

**Publication:**

**Number of authors:** 5

**Place of celebration:** Vilafranca del Penedès (SPAIN) **Year:** 2010

**code:** 309319 **Order:** 005

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**Authors:** Pereira P.; Azorin-Molina C.; Castell N.; Sanchez-Lorenzo A.; Lopez-Bustins J.A.

**Title:** Summer ozone cycles in the Lisbon metropolitan area and its relation to some meteorological variables

**Kind of participation:** Speech

**Conference:** The 12th Conference for Lithuania Junior Researchers, Science for Future (Environmental Engineering)

**Publication:**

**Number of authors:** 5

**Place of celebration:** Vilnius (LITHUANIA) **Year:** 2009

**code:** 309320 **Order:** 006

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**Authors:** Lopez-Bustins J.A.; Pla E.; Candela L.; Fons J.; Milego R.; Retana J.; Savé R.; Terradas J.

**Title:** ACCUA project: Water use adaptations to climate change in the Mediterranean

**Kind of participation:** Poster

**Conference:** Water scarcity and management under Mediterranean climate (ICRA, ACA)

**Publication:**

**Number of authors:** 8

**Place of celebration:** Girona (SPAIN) **Year:** 2008

**code:** 308335 **Order:** 007

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**Authors:** López-Bustins J.A.; Sánchez-Lorenzo A.; Azorín-Molina C.; Ordóñez-López A.

**Title:** Tendencias de la precipitación invernal en la fachada oriental de la Península Ibérica

**Kind of participation:** Speech

**Conference:** VI Congreso de la Asociación Española de Climatología (AEC): Cambio Climático Regional y sus Impactos

**Publication:**

**Number of authors:** 4

**Place of celebration:** Tarragona (SPAIN) **Year:** 2008

**code:** 309321 **Order:** 008

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**Authors:** Pereira P.; Morais L.; Úbeda X.; López-Bustins J.A.

**Title:** Variabilidad de los extremos de precipitación en Portugal durante la segunda mitad del siglo XX

**Kind of participation:** Speech

**Conference:** VI Congreso de la Asociación Española de Climatología (AEC): Cambio Climático Regional y sus Impactos

**Publication:**

**Number of authors:** 4

**Place of celebration:** Tarragona (SPAIN) **Year:** 2008

**code:** 309322 **Order:** 009

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**Authors:** López-Bustins J.A.; Salvà M.; Cernocky T.

**Title:** Càlcul i cartografia de la irregularitat pluviomètrica temporal a Catalunya mitjançant tècniques SIG

**Kind of participation:** Speech

**Conference:** II Congrés Català de Geografia (Institut d'Estudis Catalans)

**Publication:**

**Number of authors:** 3

**Place of celebration:** Barcelona (SPAIN) **Year:** 2008

**code:** 309323 **Order:** 010

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**Authors:** Sánchez-Lorenzo A.; Calbó J.; López-Bustins J.A.; Martín-Vide J.; Garcia-Manuel A.

**Title:** Ciclos semanales en España: diferencias estacionales y posibles vínculos con periodicidades en la circulación atmosférica

**Kind of participation:** Speech

**Conference:** I Jornades de Meteorologia i Climatologia de la Mediterrània Occidental

**Publication:**

**Number of authors:** 5

**Place of celebration:** Barcelona (SPAIN) **Year:** 2008

**code:** 309324 **Order:** 011

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**Authors:** López-Bustins, J.A.; Salvà-Catarineu, M.; Cernocky, T.

**Title:** Càlcul i cartografia de la irregularitat pluviomètrica temporal a Catalunya mitjançant tècniques SIG

**Kind of participation:** Presentation of communication

**Conference:** II Congrés Català de Geografia: El mapa com a llenguatge geogràfic

**Publication:** Treballs de la Societat Catalana de Geografia: 67: Institut d'Estudis Catalans

**Number of authors:**

**Place of celebration:** Barcelona (SPAIN) **Year:** 2008

**code:** 287654 **Order:** 012

---

**Authors:** Lopez-Bustins J.A.

**Title:** Stratospheric temperature in the North Pole and Iberian Peninsula rainfall in March

**Kind of participation:** Poster

**Conference:** American Geophysical Union (AGU) Chapman Conference on The Role of the Stratosphere in Climate and Climate Change

**Publication:**

**Number or authors:** 1

**Place of celebration:** Thera (Santorini) (GREECE) **Year:** 2007

**code:** 308340 **Order:** 013

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**Authors:** Lopez-Bustins J.A.; Sanchez-Lorenzo A.; Martin-Vide J.

**Title:** Temporal evolution of circulation patterns frequency and recent Iberia winter rainfall trends

**Kind of participation:** Poster

**Conference:** 7th Annual Meeting of the European Meteorological Society (EMS)

**Publication:**

**Number or authors:** 3

**Place of celebration:** San Lorenzo de El Escorial (SPAIN) **Year:** 2007

**code:** 308338 **Order:** 014

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**Authors:** Martin-Vide J.; Sanchez-Lorenzo A.; Lopez-Bustins J.A.; Garcia-Manuel A.; Raso J.M.; Cordobilla M.J.

**Title:** Torrential rainfall in Catalonia: synoptic patterns and WeMO influence

**Kind of participation:** Poster

**Conference:** 7th Annual Meeting of the European Meteorological Society (EMS)

**Publication:**

**Number or authors:** 6

**Place of celebration:** San Lorenzo de El Escorial (SPAIN) **Year:** 2007

**code:** 308337 **Order:** 015

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**Authors:** González-Hidalgo J.C.; De Luis M.; Martin-Vide J.; Lopez-Bustins J.A.; Stepanek P.; Brunetti M.; Nanni T.  
**Title:** Spatial overlapping areas of several teleconnection indices on Spain's Mediterranean façade according to autumn

**Kind of participation:** Speech

**Conference:** 7th Annual Meeting of the European Meteorological Society (EMS)

**Publication:**

**Number or authors:** 7

**Place of celebration:** San Lorenzo de El Escorial (SPAIN) **Year:** 2007

**code:** 308339 **Order:** 016

---

**Authors:** González-Hidalgo J.C.; Lopez-Bustins J.A.; Martin-Vide J.; Brunetti M.; Nanni T.; Stepanek P.; De Luis M.  
**Title:** Spatial overlapping areas of several teleconnection indices on Spain's Mediterranean façade according to spring rainfall

**Kind of participation:** Speech

**Conference:** 2nd Mediterranean Climate Variability and Predictability (MedCLIVAR) Workshop (Connection between Mediterranean and global climate variability)

**Publication:**

**Number or authors:** 7

**Place of celebration:** La Londe les Maures (FRANCE) **Year:** 2007

**code:** 308336 **Order:** 017

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**Authors:** De Luis M.; González-Hidalgo J.C.; Lopez-Bustins J.A.; Martin-Vide J.; Brunetti M.; Nanni T.; Stepanek P.  
**Title:** Spatial overlapping areas of four teleconnection indices in Mediterranean façade of Spain

**Kind of participation:** Poster

**Conference:** European Geosciences Union (EGU) General Assembly

**Publication:**

**Number or authors:** 7

**Place of celebration:** Vienna (AUSTRIA) **Year:** 2007

**code:** 308341 **Order:** 018

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**Authors:** Garcia-Manuel A.; Martin-Vide J.; Moreno M.C.; López-Bustins J.A.; Sanchez-Lorenzo A.  
**Title:** Detecting recent spatial changes in the urban heat island of a medium-sized city due to the increasing human activity  
**Kind of participation:** Poster  
**Conference:** European Geosciences Union (EGU) General Assembly  
**Publication:**  
**Number or authors:** 5  
**Place of celebration:** Vienna (AUSTRIA) **Year:** 2007  
**code:** 308342 **Order:** 019

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**Authors:** Lopez-Bustins J.A.; Esteban P.; Labitzke K.; Langematz U.  
**Title:** Major Mid-Winter Warmings and Iberian Peninsula Rainfall  
**Kind of participation:** Poster  
**Conference:** European Geosciences Union (EGU) General Assembly  
**Publication:**  
**Number or authors:** 4  
**Place of celebration:** Vienna (AUSTRIA) **Year:** 2006  
**code:** 308345 **Order:** 020

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**Authors:** Lopez-Bustins J.A.; Sanchez-Lorenzo A.  
**Title:** The Western Mediterranean Oscillation (WeMO) effect on the sunshine duration variability in Iberian Peninsula  
**Kind of participation:** Poster  
**Conference:** 6th Annual Meeting of the European Meteorological Society (EMS)  
**Publication:**  
**Number or authors:** 2  
**Place of celebration:** Ljubljana (SLOVENIA) **Year:** 2006  
**code:** 308343 **Order:** 021

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**Authors:** Lopez-Bustins J.A.; Martin-Vide J.; Moreno M.C.; Raso J.M.  
**Title:** Urban heat island intensity in Barcelona and the Western Mediterranean Oscillation  
**Kind of participation:** Poster  
**Conference:** 6th International Conference on Urban Climate (ICUC)  
**Publication:**  
**Number or authors:** 4  
**Place of celebration:** Göteborg (SWEDEN) **Year:** 2006  
**code:** 308344 **Order:** 022

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**Authors:** López-Bustins J.A.  
**Title:** Temperatura de la estratosfera polar y precipitación de la Península Ibérica en marzo (1958-2000)  
**Kind of participation:** Poster  
**Conference:** V Congreso de la Asociación Española de Climatología (AEC): Clima, Sociedad y Medio Ambiente  
**Publication:**  
**Number or authors:** 1  
**Place of celebration:** Zaragoza (SPAIN) **Year:** 2006  
**code:** 309326 **Order:** 023

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**Authors:** Azorín-Molina C.; López-Bustins J.A.  
**Title:** WeMOi: Criterio objetivo de selección de la brisa marina en la costa este de la Península Ibérica  
**Kind of participation:** Speech  
**Conference:** V Congreso de la Asociación Española de Climatología (AEC): Clima, Sociedad y Medio Ambiente  
**Publication:**  
**Number or authors:** 2  
**Place of celebration:** Zaragoza (SPAIN) **Year:** 2006  
**code:** 309327 **Order:** 024

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**Authors:** Oliva, M.; López Bustins, J.A.; Barriendos, M.; Muedra, C.; Martín Vide, J.

**Title:** Reconstrucción histórica de la Oscilación del Mediterráneo occidental (WeMO) e inundaciones en el levante peninsular (1500-2000)

**Kind of participation:** Presentation of communication

**Conference:** V Congreso de la Asociación Española de Climatología

**Publication:** Clima, Sociedad y Medio Ambiente- Publicaciones de la Asociación Española de Climatología, serie A número 5

**Number or authors:** 5

**Place of celebration:** Zaragoza (SPAIN) **Year:** 2006

**code:** 267252 **Order:** 025

---

**Authors:** Lopez-Bustins J.A.; Azorin-Molina A.

**Title:** The Western Mediterranean Oscillation index (WeMOi): An objective primary filter for finding sea-breeze days on the east coast of the Iberian Peninsula

**Kind of participation:** Poster

**Conference:** 6th European Conference on Applied Climatology (ECAC) in the 5th Annual Meeting of the European Meteorological Society (EMS)

**Publication:**

**Number or authors:** 2

**Place of celebration:** Utrecht (NETHERLANDS) **Year:** 2005

**code:** 308346 **Order:** 026

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**Authors:** Martin-Vide J.; Lopez-Bustins J.A.

**Title:** The Western Mediterranean Oscillation (WeMO) and its influence in the Eastern Spanish rainfall. A methodological approach.

**Kind of participation:** Poster

**Conference:** 5th European Conference on Applied Climatology (ECAC) in the 4th Annual Meeting of the European Meteorological Society (EMS)

**Publication:**

**Number or authors:** 2

**Place of celebration:** Nice (FRANCE) **Year:** 2004

**code:** 303961 **Order:** 027

---

**Authors:** López-Bustins J.A.; Azorín-Molina C.

**Title:** Aplicación del índice diario de la Oscilación del Mediterráneo Occidental al estudio de la tipología pluviométrica en Alicante

**Kind of participation:** Poster

**Conference:** IV Congreso de la Asociación Española de Climatología (AEC): El Clima, entre el Mar y la Montaña

**Publication:**

**Number or authors:** 2

**Place of celebration:** Santander (SPAIN) **Year:** 2004

**code:** 303962 **Order:** 028

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### Other important activities

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**Activity:** Concesión de la acreditación de profesor contratado doctor

**Dates:** 15/09/2010 -

**Broad field:** National

**Classification:** ANECA Accreditation

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**Other merits, achievements or comments you want to certify**

(do not use more than one printed page)

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**#ANG#Mèrits no classificats**

Soci de l'Associació Catalana d'Observadors Meteorològics (ACOM) (1999).

Soci de l'Associació Catalana de Meteorologia (ACAM) (2003).

Soci de l'Associació Espanyola de Climatologia (AEC) (2004).

Membre de l'European Geosciences Union (EGU) (2006).

Membre de l'Institut de l'Aigua de la Universitat de Barcelona (2006).

Soci numerari de la Societat Catalana de Geografia (SCG) (2007).

Membre de l'American Geophysical Union (AGU) (2007).

Soci ordinari del Claustre de Doctors de la Universitat de Barcelona (CDUB) (2009).