

Curriculum Vitae:

Name: Jesús Manuel Pedreira Dubert

Date of birth : 23/09/1964

Nationality: Spanish

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**Academic degrees, fields of study, awarding institutions, dates
*in reverse chronological order***

-1998, Thèse de Doctorat (PhD), Physical Oceanography, Université de Bretagne Occidentale, Brest, France

-1993, Diplôme d'Etudes Approfondies, (DEA), Physical Oceanography, Université de Bretagne Occidentale, Brest, France

-1989, Licenciatura en Física Teórica, (Theoretical Physics). Universidad Autónoma de Madrid, Spain.

Present position, institution, starting date

1998, Professor Auxiliar/Assistant Professor, Physics Department, Aveiro University

Previous positions, institutions, dates

in reverse chronological order:

1992-1997 Grants from Spanish Government and CNRS-FRANCE at 'Université de Bretagne Occidentale- IFREMER', Brest, (FRANCE)

1991- Grant from Spanish Government at 'Faculdade de Ciências da Universidade de Lisboa'

1989-1990 High School Teacher

Main scientific area of research: Physical Oceanography, Ocean Modelling

Other scientific areas of interest:

-Applications of three-dimensional oceanic numerical models to interdisciplinary problems.

-Fisheries, Biological Oceanography, and water pollution in coastal seas.

Supervision of post-graduate students:

MSc:

Rocha Carlos Rafael Vieira (2011) Biogeochemical Modelling of the NW Iberian Margin. Física. Universidade de Aveiro. Aveiro. Mestrado/Master in Meteorology and Physical Oceanography. 32pp.

Cordeiro, N. (2009) Estudo do Afloramento Ibérico: Filamentos e Climatologia Superficial. Física / Physics. Univ Aveiro. Aveiro. Mestrado em Meteorologia e Oceanografia Física / Master

in Meteorology and Physical Oceanography.

Luna, TMC, (2009) Estudo da dispersão de poluentes, aplicado a um parque de energia das ondas. Física / Physics. Univ Aveiro. Aveiro. Mestrado em Meteorologia e Oceanografia Física / Master in Meteorology and Physical Oceanography.

Soares R.(2009) Estudo de um evento de afloramento e relaxamento na região costeira de Aveiro. Física / Physics. Univ Aveiro. Aveiro. Mestrado em Meteorologia e Oceanografia Física / Master in Meteorology and Physical Oceanography.

PhD:

Mestre Alvaro Peliz, "Estudo de Processos da Circulação de Inverno na Zona de Transição Costeira a Oeste da Península Ibérica", beginning: September 1999, end: November, 2002

Licenciado Martinho Marta Almeida, Ph.D student., "Interacções Físico-Biológicas que controlam a dispersão de larvas: Aplicação às zonas adjacentes aos estuários do Norte de Portugal", beginning: February, 2001, end January 2006

Mestre Ana Cordeiro Pires: PhD : Estudo da conectividade entre populações marinhas com ferramentas de modelação numérica: situação presente e cenários futuros.(2009-present)

Mestre Rosa Reboreda, PhD thesis : Modeling the Biogeochemical Dynamics of the Iberian upwelling system. (2010-present).

Pos- Docs:

Doutor Álvaro Peliz: "Interacções Físico-Biológicas que controlam a dispersão de larvas na plataforma/vertente continental do Norte de Portugal"

Doutor Martinho Marta Almeida: "DESENVOLVIMENTO DE MODELOS NUMÉRICOS DA CIRCULAÇÃO OCEANICA: APLICAÇÃO A PROBLEMAS DE DISPERSÃO DE LARVAS DE LAGOSTIM"

Doutor João Lencart: "Estudo Dos Processos Físicos Subjacentes à Dispersão de Larvas na Plataforma Continental Interna"

Doutora Fabiola Amorim: "ESTUDO DOS PROCESSOS FÍSICOS SUBJACENTES À DINÂMICA DE BLOOMS DE ALGAS TOXICAS NA REGIÃO ADJACENTE À COSTA CENTRAL DE PORTUGAL"

Investigator of the projects:

- "Assessing the impact of hydrodynamical forcing on the survival of small pelagic fish early life stages of western Iberia (SURVIVAL)", PRAXIS/P/CTE/11282/1998, 1999-2002.

- "ProRecruit - Shelf processes controlling recruitment to littoral populations in an eastern oceanic boundary: using barnacles and crabs as models", POCTI/BSE/36663/99-00, 2001-2004.

-“ZOTRACOS- Hydrodynamic and biogeochemical characterisation of the NW Iberian coastal transition zone during the downwelling season” .MINISTÉRIO ESPANHOL DE CIÊNCIA E TECNOLOGIA, 2004-2007.

-“Genetic and morphological differentiation in estuarine organisms with contrasting dispersal patterns along a geographical gradient”, POCTI/BSE/45672/2002, 2003-2005.

- “LobAssess- Norway lobster stocks in Portugal: Basis for assessment using information on larval production and ecology”, POCTI/BIA-BDE/59426/2004, 2005-2008.

-“EMNOCM – Electromagnetic sensors network for ocean currents monitoring” POCTI/CTA/44062/2002, 2004-2008.

-“PROFIT - Interdisciplinary study of processes underlying the phytoplankton dynamics in the Portuguese upwelling system”. PDCTE/CTA/50386/2003, 2004-2008.

-“CLIBECO - Climate changes in the Iberian Upwelling Ecosystem: a regional retrospective and scenario study approach”, POCI/CLI/57752/2004. 2006-2009.

-“Connect - Connectivity of marine populations assessed with genetic and numerical modelling tools” TDC/BIA-BDE/65425/2006, 2008-2011.

“ISCAD - Inner shelf circulation and dispersion patterns: Interactions with estuarine systems” . PTDC/MAR/65760/2006, 2008-2011.

“HERMIONE – Hotspot Ecosystem Research and Man’s Impact on European Seas” FP7-ENV-2008-1, 226354.-2010-2012 (<http://www.eu-hermione.net/>)

“RAIA – Observatório oceânico do margem ibérico”, do Programa Operacional de Cooperação Transfronteiriça Espanha-Portugal 2009-2013. (<http://www.observatorioraia.com/>)

RAIA.co - Observatorio Marino del Margen Ibérico y del Litoral, do Programa Operacional de Cooperação Transfronteiriça Espanha-Portugal 2011-2013.
(<http://marnaraia.org/>)

“IMPROVE - Inner shelf hydrographic and biological processes controlling invertebrate population in the Portuguese coast, using decapods as models”, PTDC/MAR/110796/2009.

HAB-SPOT: Harmful Algal Bloom dynamics - Shelf Processes of Transport and retention Offshore Aveiro, PTDC/MAR/100348/2008, 2010-2013

REIMAGE : Respuesta de los ecosistemas costeros a los aportes alóctonos de materia en el contexto del cambio ambiental global antropogénico CTM2011-30155-C03-01, 2012-2014

(<http://reimage.uvigo.es/>)

LarvalSources - Assessing the ecological performance of marine protected area (MPA) networks, PTDC/BIA-BIC/120483/2010.2012-2014

The Economic Valuation and Governance of Marine and Coastal Services (MCES), Gulbenkian

Oceans Initiative

<http://www.gulbenkian.pt/Institucional/en/Activities/ProgrammesAndProjects/GulbenkianOceansInitiative>

Publications:

Indexed (SCI) International reviews with referee:

-Peliz, A., J. Dubert, D. A. Haidvogel, , Subinertial Response of a Density Driven Eastern Boundary Poleward Current to Wind Forcing, *Journal of Physical Oceanography*, 33, 1633-1650, 2003

Peliz, A., J. Dubert, D. B. Haidvogel, and B. Le Cann, Generation and unstable evolution of a density-driven Eastern Poleward Current: The Iberian Poleward Current, *J. Geophys. Res.*, 108(C8), 3268, doi:10.1029/2002JC001443, 2003.

-Oliveira, P. B., A. Peliz, J. Dubert, T. Rosa and A. M. Santos, Winter geostrophic currents and eddies in the western Iberia coastal transition zone. *Deep Sea Research I*, 51, 361-381, 2004

-Santos, A.M.P, A. Peliz, P. Ré, J. Dubert, P.B. Oliveira, M.M. Angélico, Impact of a winter upwelling event on the distribution and transport of sardine eggs and larvae off western Iberia: A retention mechanism. *Continental Shelf Research*. 24, 149-165 . 2004

-Peliz, A., A. M. P. Santos, P. B. Oliveira, and J. Dubert . Extreme cross-shelf transport induced by eddy interactions southwest of Iberia in winter 2001, *Geophysical Research Letters* , 31, L08301, doi:10.1029/2004GL019618, 2004

- Peliz, A, J. Dubert, A. M. Santos, Oliveira, P. B., Le Cann, B., Winter upper ocean circulation in the Western Iberian Basin—Fronts, Eddies and Poleward Flows: an overview. *Deep Sea Research I*, 52, 621-646, 2005

-Marta-Almeida, M. M., J. Dubert, A. J. Peliz, H. Queiroga. Influence of Vertical Migration Pattern on Retention of Crab Larvae in the Shelf in a Seasonal Upwelling System. *Marine Ecology Progress Series* 307, 1-19, 2006

-Marta-Almeida, M. , J. Dubert, The structure of tides in the Western Iberian region. *Continental Shelf Research*, 26, 385-400 , 2006

-Silva, P. A., M. Ramos, M. Almeida and J. Dubert, Water Exchange Mechanisms Between Ria de Aveiro and the Atlantic Ocean. *Journal of Coastal Research*, Special Issue 39 1622-1626

- Peliz, A., P. Marchesiello, J. Dubert, M. Marta-Almeida, C. Roy, H. Queiroga, A study of crab larvae dispersal off Western Iberia: Physical processes. *J. Mar. Syst.* doi:10.1016/j.jmarsys.2006.11.007, 2007
- Martins, V., J. Dubert, J. Jouanneau, O. Weber, E. da Silva, C. Patinha, J. Alveirinho Dias, F. Rocha, A multiproxy approach of the Holocene evolution of shelf-slope circulation on the NW Iberian Continental Shelf. *Marine Geology*, 2007, 239, 1-18 doi:10.1016/j.margeo.2006.11.001
- Relvas, P., Barton, E.D., Dubert, J., Oliveira, P.B., Peliz, Á., da Silva, J.C.B., P. Santos, A.M., Physical oceanography of the Western Iberia Ecosystem: latest views and challenges, *Progress in Oceanography* (2007), doi: 10.1016/j.pocean.2007.04.021
- Queiroga, H., Cruz, T., Santos, A.d., Dubert, J., González-Gordillo, J.I., Paula, J., Peliz, Á., Santos, A.M.P., Oceanographic and behavioural processes affecting invertebrate larval dispersal and supply in the Western Iberia Upwelling Ecosystem, *Progress in Oceanography* (2007), doi: 10.1016/j.pocean.2007.04.007
- Peliz, A. J. Dubert, P. Marchesiello, A. Teles-Machado, 2007. Surface Circulation in the Gulf of Cadiz: Model and Mean Flow Structure, *Journal of Geophysical Research*, 112, C11015, doi:10.129/2007JC004159
- Teles-Machado, A., A. Peliz, J. Dubert, R. F. Sánchez. On the onset of the Gulf of Cadiz Coastal Countercurrent, 2007, *Geophysical Research Letters*, 34, L12601, doi:10.1029/2007GL030091
- Marta-Almeida, M., J. Dubert, A. Peliz, A. dos Santos, H. Queiroga, 2008 A modelling study of the Norway lobster larvae dispersal in southern Portugal: predictions of larval wastage and self-recruitment in the Algarve stock, *Can. J. Fish Aquat. Sci.*, 65, 10, 2253-2268
- Peliz, A., P. Marchesiello A. M. P. Santos, J. Dubert, A. Teles-Machado, M. Marta-Almeida, and B. Le Cann, 2008: Surface Circulation in the Gulf of Cadiz. Part 2: The Gulf of Cadiz Slope Current, *Journal of Geophysical Research – Oceans*, doi:10.1029/2008JC004771
- Oliveira, P.B., R. Nolasco, J. Dubert, T. Moita, Á. Peliz, 2009. Surface temperature, chlorophyll and advection patterns during a summer upwelling event off central Portugal, *Continental Shelf Research*, 29, (5–6), 759-774, ISSN 0278-4343, 10.1016/j.csr.2008.08.004.
- Peliz, A. Teles-Machado, P. Marchesiello, J. Dubert, J. Garcia Lafuente, 2009: Filament generation off the Strait of Gibraltar in response to Gap winds, *Dynamics of Ocean and Atmosphere*, 46, 36-45, doi: [j.dynatmoce.2008.08.002](https://doi.org/10.1016/j.dynatmoce.2008.08.002)
- Pinheiro, L.M.; H. Song, B. Ruddick, J. Dubert, I. Ambar, K. Mustafa, R. Bezerra, 2010. Detailed 2-D imaging of the Mediterranean outflow and meddies off W Iberia from multichannel seismic data, *Journal of Marine Systems*, 79, (1–2), pp 89-100, ISSN 0924-7963, 10.1016/j.jmarsys.2009.07.004.
- Rezende, M.D.L.F, P. A. da Silva, M. Cirano, Á. Peliz, J. Dubert, 2010: Mean Circulation, Seasonal Cycle, and Eddy Interactions in the Eastern Brazilian Margin, a Nested ROMS Model *Journal of Coastal Research*, 27 (2) pp 329-347

-Domingues, C.P., Almeida, M.J., Dubert, J., Nolasco, R., Cordeiro, N., Waap, S., Sequeira, A., Tavares, S., Queiroga, H., 2011. Supply of crab larvae to an estuary in the eastern Atlantic upwelling system exhibits predictable and haphazard variation at different temporal scales *Marine Ecology Progress Series*, 425, pp. 113-124.

-Marta-Almeida, M., Reboreda, R., Rocha, C., Dubert, J., Nolasco, R., Cordeiro, N., Luna, T., Rocha, A., Lencart e Silva, J.D., Queiroga, H., Peliz, A., Ruiz-Villarreal, M., 2012. Towards operational modeling and forecasting of the Iberian Shelves ecosystem *PLoS ONE*, 7 (5), art. no. e37343, doi:10.1371/journal.pone.0037343

- Carton, X., B. Le Cann, A. Serpette, J. Dubert, Interactions of surface and deep anticyclonic eddies in the Bay of Biscay, *Journal of Marine Systems*, Volumes 109–110, Supplement, January 2013, Pages S45-S59, ISSN 0924-7963, DOI:10.1016/j.jmarsys.2011.09.014.

-Domingues CP, Nolasco R, Dubert J, Queiroga H (2012) Model-Derived Dispersal Pathways from Multiple Source Populations Explain Variability of Invertebrate Larval Supply. *PLoS ONE* 7(4): e35794. doi:10.1371/journal.pone.0035794

- Cordeiro Pires A., Nolasco R., Dubert J. (2013), On the origin of summer upwelled waters on the Western Iberian Margin. *Journal of Coastal Research*. Special Issue, 65, 1993-1998 , DOI: 10.2112/SI65-337.1

- Cordeiro Pires A., Nolasco R., Rocha A., Dubert J. (2013), Assessing future climate change in the Iberian Upwelling System. *Journal of Coastal Research*. Special Issue, 65, 1909-1914 , DOI: 10.2112/SI65-323.1

-Rocha, C., Cordeiro, N., Nolasco R., Dubert J. (2013) Numerical modelling of the phytoplankton patterns in an upwelling event off the NW Iberian Margin. *Journal of Coastal Research*. Special Issue, 65, 117-122 , DOI: 10.2112/SI65-021.1

- Nolasco R, Dubert J, Domingues CP, Cordeiro Pires A, Queiroga H (2013), Model-derived connectivity patterns along the western Iberian Peninsula: asymmetrical larval flow and source-sink cell. *Mar Ecol Prog Ser* 485:123-142, doi:10.3354/meps10324

-Nolasco R., Cordeiro-Pires A., Cordeiro, N., Le Cann, B. Dubert J., 2013 A high-resolution modeling study of the Western Iberian Margin mean and seasonal upper ocean circulation , *Ocean Dynamics*, Volume 63, Issue 9-10, pp 1041-1062, DOI 10.1007/s10236-013-0647-8

-Reboreda, R., C. G. Castro, X. A. Álvarez-Salgado, R. Nolasco, N. Cordeiro, H. Queiroga, J. Dubert, (2012), Oxygen in the Iberian margin: a modelling study, (Submitted to *Progress in Oceanography*)

- Reboreda, R. , N. G. F. Cordeiro, R. Nolasco, C. G. Castro, X. A. Álvarez-Salgado, H. Queiroga, J. Dubert (2013) Modeling the seasonal and interannual variability (2001-2010) of chlorophyll-a in the Iberian margin, (Submitted to *Journal of Sea Research*).

-Cordeiro Pires, A., Nolasco, R., Rocha, A., Ramos, A.M. and Dubert, J., under review. Global Climate Models as forcing for regional ocean modeling: A sensitivity study in the Eastern North Atlantic, (Submitted to *Climate Dynamics*)

-Reboreda, R., R. Nolasco, C.G. Castro, X. A. Álvarez-Salgado, N.G.F. Cordeiro, H. Queiroga, J. Dubert. (2013) Seasonal cycle of plankton production in the Iberian margin based on a high resolution ocean model (Submitted to Journal of Marine Systems)

M. Sc. and Ph. D. Thesis:

-J. P. Dubert, Le SWODDY est-il un HETON?. Rapport de DEA du Laboratoire de Physique des Océans (LPO), 1993

-J. P. Dubert, "Dynamique du Système de Courants vers le Pôle au Voisinage de la Pente Continentale à l'Ouest et au Nord de la Péninsule Ibérique", PhD Thesis, Université de Bretagne Occidentale. 1998

Letters:

Peliz A., J. Dubert, A. Teles-Machado Modelling of larval dispersion in the western Iberian ecosystem. International GLOBEC Newsletter Volume 12, No. 1, April 2006.

Books and book chapters:

Monteiro Santo F. A., Nolasco R., Marta-Almeida M., Soares A., Bernardo I., Luzio R., Dubert J., Dias J. M. (2011) The telluric field induced by tidal motion: a review of the Portuguese experience In: Sea Level Rise, Coastal Engineering, Shorelines and Tides. Linda L. Wright. (eds) Oceanography and Ocean Engineering. Nova Science Publishers, 205-234 pp.

Proceedings of Meetings:

Articles with referee:

- Vaz, N., J. Dubert (2001). "Estudo da Estrutura Vertical das Ondas da Plataforma Continental na Costa Oeste da Península Ibérica". Proceedings do 2º Simpósio de Meteorologia e Geofísica da APMG / 3º Encontro Luso-Espanhol de Meteorologia, ISBN: 972-8157-35-5, pp 149-152.

-Perègne, N., J.P. Dubert, M. Almeida, D.L. Boyer, 2001, Un Modèle Physique du Courant Hivernal vers le Pôle le Long de la Péninsule Ibérique, Actes de Conference FluVisu2001, Rouen, June 2001, 4pp

-Almeida, M. , J. P. Dubert, A. Peliz, 2002: Simulations of extreme shelf current along the North-Western Iberian Shelf forced by wind and river runoff. Proceedings of the 3rd Iberian meeting on Geophysics and Geodesy, Valencia, February 4-8, ISBN: 84-9705-297-8 pp 1555-1559, 2002

-Dubert, J. P. Peliz, A. 2002, Generation and Unstable Evolution of a Density-Driven Eastern Poleward Current: Comparison of scales with Satellite imagery. .Proceedings of the 3rd Iberian meeting on Geophysics and Geodesy, Valencia, February 4-8, ISBN: 84-9705-297-8 pp 1529-1532, 2002

-Ramos, M., Almeida, M., Silva, P.A., Dubert, J., Antunes do Carmo, J. Modelling study of the dispersion of pollutants at São Jacinto submarine outfall (Aveiro, Portugal). In: Coastal Engineering VI: Computer Modelling and Experimental Measurements of Seas and Coastal Regions, Edited By C.A. Brebbia, D. Almorza and F. Lopez-Aguayo, WIT Press, Series: Environmental Studies Vol 9, ISBN: 1-85312-977-1 pp 133-141, 2003

-Teles-Machado A. , A. Peliz and J. Dubert , 2006, A Modelling Study of the Gulf of Cadiz Coastal Countercurrent, Proceedings of the 5th SYMPOSIUM on the IBERIAN ATLANTIC MARGIN.

Oral Communications

-J. P. Dubert and B. Le Cann, A numerical study of the genesis of slope water Oceanic Eddies. Communication to the III European Union Conference on Exchange Processes at the Continental/Ocean Margins in the North Atlantic, held in Vigo, Spain, 14-16 May, 1997

-J. P. Dubert, B. Le Cann, J. Vitorino, Modelling study of the interaction of a short-scale density gradient with the topography off the western Iberian Peninsula. Proceedings of the 2nd Iberian meeting on Geophysics and Geodesy, Lagos, Portugal, P. 607, February, 2000

-Peliz A and J. P. Dubert, 2000, Modelling study of the cross-shelf flow component during a wind driven downwelling event, . Proceedings of the 2nd Iberian meeting on Geophysics. and Geodesy, Lagos, Portugal, pp 585-586, February. 2000.

-J. P. Dubert, B. Le Cann, J. P. Vitorino, 2000 Modelling study of the interaction of a large-scale density gradient with the topography off the Western Iberian Peninsula, XXV EGS (European Geophysical Society) meeting, abstract in : Annales Geophysicae Supplement, April 2000

-Almeida, M., Dubert, J. P., N. Perenne, 2000, Using physical modelling to study the coastal circulation in the Iberian Peninsula region, EUROCONFERENCE "Water and Life", Vigo, Espanha, 25-28 de Maio de 2000

- Almeida, M. , J. P. Dubert, A. Peliz, 2001: Preliminary simulations of an inner shelf current along the north-western iberian shelf forced by wind and river run-off under winter conditions. Oral communication at the Meeting "Estuários e Zona Costeira do Norte de Portugal: Ponto da Situação" Porto June 15-17, 2001

-Dubert, J., M. M. Almeida, P. Silva. Three-dimensional structure of the tidal currents in the mouth of Ria de Aveiro. Proceedings of the 4th Iberian meeting on Geophysics and Geodesy, pp 645-646 Fig da Foz, Portugal, February. 2004.

Almeida, M.M. J. Dubert, A. Peliz, and H. Queiroga. Modelling the transport and dispersion of *Carcinus maenas* (L.) larvae over the continental shelf/slope off Northern Portugal in May 2002. Oral communication. Abstracts of the 2004 ROMS/TOMS European Workshop Venice, Italy October 18-20, 2004

A. Peliz, P. Marchesiello J. Dubert, H. Queiroga, M. Almeida. A nested configuration of Western Iberia with application to Crab larvae dispersal/recruitment Oral communication. Abstracts of the 2004 ROMS/TOMS European Workshop Venice, Italy October 18-20, 2004

SILVA, P. A.; RAMOS, M.; ALMEIDA, M. and DUBERT, J., 2003. Water Exchange Mechanisms Between Ria de Aveiro and the Atlantic Ocean. Oral communication. Abstracts of the 8th International Coastal Symposium, p 272. Itajaí, SC – Brazil.

- A. Peliz, J. Dubert, A. Teles-Machado, P. Marchesiello, 2006, Numerical Studies of the Gulf of Cadiz Circulation. 2006 ROMS/TOMS European Workshop, Alcalá de Henares, Spain.

- Otero, P., M. Ruiz Villarreal, A. Peliz, Jesús Dubert, 2006 Variability of Shelf Circulation Off Northwest Iberia During the Downwelling Season. PECS 2006, Physics of Estuaries and Coastal Seas Conference, "From Processes to Prediction", September 18-22, 2006 Astoria, Oregon, USA

- Peliz, A, J. Dubert , A. Teles-Machado (2007) On the eastern forcing of the Azores Current. European Geosciences Union General Assembly,. 15-20 April 2007, Vienna, Austria.

- J. Dubert, P.B. Oliveira, Á. Peliz, R. Nolasco, 2008 Analysis of an upwelling event off Central Portugal: links between physical processes and phytoplankton patterns. Dynamics of eastern boundary upwelling ecosystems; integrative and comparative approaches: Upwelling ecosystems symposium. Las Palmas De Gran Canaria (Spain), 2-6 June.

- J. Dubert, M. Marta-Almeida, Á. Peliz, A. dos Santos and H. Queiroga, 2008: A modelling study of Norway lobster larval dispersal in southern Portugal. 8th Larval Biology Symposium, Ipimar-Lisbon 6-11 July

Posters

-J. P. Dubert, Wind driven forced circulation in an upwelling zone: Application to the Iberian Peninsula Conditions, communication to the XXI EGS (European Geophysical Society) meeting, abstract in : Annales Geophysicae Supplement II to Vol 14, p. 411, 1996

-J. P. Dubert and B. Le Cann, Slope water oceanic eddies trajectories in the Southern Bay of Biscay, communication to the XXI EGS (European Geophysical Society) meeting, abstract in : Annales Geophysicae Supplement II to Vol 14, p. 411, 1996

-J. P. Dubert, N. Perenne, D. Boyer, M. Almeida, 2000 A physical modelling study of the winter poleward slope current along Iberian Peninsula, XXV EGS (European Geophysical Society) meeting, abstract in : Annales Geophysicae Supplement, April 2000

-Peliz, A., J. Dubert & D. Haidvogel ,2001. Subinertial response of a density driven eastern boundary poleward current to wind forcing. 26th General Assembly of the European Geophysical Society, Nice, France, 25-30 March 2001. Geophysical Research Abstracts 3: OA004 .

-Rosa, T., J. Dubert, P. Gonçalves, A. Peliz & A.M.P. Santos, 2001. Observations in the western Iberia CTZ during a winter upwelling event. 26th General Assembly of the European Geophysical Society, Nice, France, 25-30 March 2001. Geophysical Research Abstracts 3: OA014.

-Santos, AMP, A. Peliz, J. Dubert, A. dos Santos, M.A. Chicharo, P. Re; Impact of a winter upwelling event on the transport and survival of sardine early life history stages off Western Iberia. GLOBEC 2nd Open Science Meeting, Qingdao, P.R. China, 15-18 October 2002: 134-135, 2002

-Almeida, M. M., J. Dubert, J.: Tidal dynamics in the western Iberian peninsula: a first approach, 4th Symposium on the Iberian Continental Margin, Vigo (Spain), Thalassas, ISSN: 0212-5919, 19 (2b) pp 129-130 2003

-Peliz, Á., A. M. P. Santos, P. B. Oliveira, J. Dubert. Cross-shelf transport induced by eddy interaction at the southwest of Iberian Peninsula in February 2001. **Proceedings of the 4th Iberian meeting on Geophysics and Geodesy**, Fig da Foz, Portugal, pp 639-640. February. 2004.

-Almeida M. M., J. Dubert. A Three-dimensional tide model in the Western Iberian Peninsula. **Proceedings of the 4th Iberian meeting on Geophysics and Geodesy**, pp 701-702. Fig da Foz, Portugal, February. 2004.

- Almeida, M. M., J. Dubert, A. Peliz and H. Queiroga, Influence of vertical migration on the shelf retention of larvae, Communication to EGU conference, Vienna, Geophysical Research Abstracts, Vol. 7, 01472, 2005.

-Almeida, M. M., Dubert, J., Queiroga, H., Peliz, A. Retention of crab larvae in shelf waters of upwelling systems: the role of vertical migration, ASLO Conference, Santiago, Spain, 2005.

- A. Peliz, A. Teles-Machado, J. Dubert, P. Marchesiello, R. Sanchez, 2006, Surface circulation in the Gulf of Cadiz: The different processes at play in a modelling study. EGU Assembly, 2006, Vienna, Austria. Geophysical Research Abstracts, Vol. 8, 02969, 2006

- A. Teles-Machado, A. Peliz and J. Dubert, 2006, Modelling Study of Gulf of Cadiz Coastal Countercurrent. 2006 ROMS/TOMS European Workshop, Alcalá de Henares, Spain.

- Marta-Almeida, M., Dubert, J., Peliz, A., Queiroga, H. (2006) Influence of vertical migration pattern on retention of crab larvae in a seasonal upwelling system. 7th Larval Biology Symposium. 27 Agosto – 1 Setembro, Coos Bay, Oregon, E. U. A

- Oliveira, P.B., Nolasco, R., Peliz, A., Dubert, J. (2007) Upwelling intensification and relaxation off central Portugal in summer 2005 from satellite data and numerical models. European Geosciences Union General Assembly, April 2007, Vienna, Austria.

Teles-Machado, A., A. Peliz, J. Dubert, J. Garcia-Lafuente (2007) Flow structure and sub-inertial variability studies near the Strait of Gibraltar. European Geosciences Union General Assembly, April 2007, Vienna, Austria.

AMORIM, F. N. ; DUBERT, J. M. P. ; NOLASCO, M. R. ; OLIVEIRA, P. ; MOITA, T. . Study of Physical processes underlying the dynamics of blooms of toxic algae in the region adjacent to the central coast of Portugal. In: Time-series analysis in marine science applications for industry, Conference, 2012, Brest. Proceedings of the Time-series analysis in marine science applications for industry, 2012. v. 1.

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