

Curriculum Vitae

(31-MAR-2018)

António MIGUEL Piecho de Almeida SANTOS

Instituto Português do Mar e da Atmosfera, I.P. (IPMA)¹
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Personal information

Place and date of birth: Lisboa, Portugal, 07 September 1962

Nationality: Portuguese

ORCID iD: 0000-0001-9401-3504 (<http://orcid.org/0000-0001-9401-3504>)

Scopus: 25926746100 (<https://www.scopus.com/authid/detail.uri?authorId=25926746100>)

Google Scholar: <http://scholar.google.com/citations?hl=pt-PT&user=5Lf7okYAAAAJ>

ResearcherID: G-6030-2011 (<http://www.researcherid.com/rid/G-6030-2011>)

ResearchGate: https://www.researchgate.net/profile/A_Miguel_Santos

Publons: publons.com/a/1196220/

Authenticus: 559537

(<https://www.authenticus.pt/en/profileOfResearchers/publicationsList/559537>)

Academic degrees

- Ph.D. in Geophysical Sciences (Oceanography), University of Lisbon 1995
- Degree ('Licenciatura'-5 years course) in Biology, Faculty of Sciences of the University of Lisbon 1987

Complementary education and courses

- Workshop "Application of population genomics to fisheries management", Advanced Technolgis and Training (ATT), Foresight Workshop - Horizon scanning, CCMAR University of Algarve, Faro, Portugal, 8-10 May 2017
- Introduction to ArcGIS - Level I and Introduction to ArcGIS - Level II, ESRI Portugal, Lisboa, Portugal, 1 and 4 April 2003
- Eurocourse/Workshop on "Ocean Color: Theory and Applications in a Decade of CZCS Experience", Joint Research Centre, Commission of the European Communities, Ispra, Italy, 21-25 October 1991
- Visit to several institutions and companies in the USA between May 26th and June 6th: (1) NOAA-National Marine Fisheries Service (NMFS) Southwest Fisheries Science Center (La Jolla, CA); (2) NOAA-National Ocean Service(La Jolla, CA); (3) Scripps Institution of Oceanography 1991

¹ Portuguese Institute for the Ocean and Atmosphere

(San Diego, CA); (4) SeaSpace Co. (San Diego, CA); (5) Ocean Imaging Co. (San Diego, CA); (5) NOAA-NMFS Southeast Fisheries Science Center, Mississippi Laboratories (John Stennis Space Center, MS); and (6) Navy Naval Oceanographic and Atmospheric Research Laboratory (John Stennis Space Center, MS).

- NATO Advance Study Institute on “Operational Research and Management in Fishing”, Póvoa do varzim, Portugal, 25 March-7 April 1990
- Modules of “Oceanography I” and “Oceanography II” of the 3rd year of the course of Geophysical Sciences of the Faculty of Sciences of the University of Lisbon 1989-1990
- Short course on “New Methods for Spawning Biomass Estimates of Fish”, Alfred Wegener Institute für Polar und Meeresforschung, Bremerhaven, Germany, 4-16 December 1988

Main scientific area of research

Oceanography

Physical-biological interactions in the ocean throughout an end-to-end approach

Development of ocean observing systems

Fish ecology (mainly of pelagic species)

Applications of remote sensing to marine fisheries and oceanography

Impact of global change in the ocean, especially in upwelling systems

Present position

IPMA	Senior Scientist ("Investigador Auxiliar")	2001-
IPMA	Representative in EuroGOOS	2014-
CCMAR	Member of the Centre of Marine Sciences (CCMAR) of the University of Algarve - Group of Oceanography and Climate Changes (OC2)	2015-
	Alternate Member of the Science Committee (SICOM)	2014-
ICES	Member of the Working Group on Integrative, Physical-biological, and Ecosystem Modelling (WGIPEM)	2014-
	Member of the Working Group on Small Pelagic Fishes, their Ecosystems and Climate Impact (WGSPEC)	2011-
FCT-National Science and Technology Foundation	Coordinator of the “Agenda do Mar” (Sea Agenda) for the Ministry of Science, Technology and Higher Education (MCTES)	2016-
IOC - UNESCO	Argo National Focal Point Global Ocean Observing Systems National Contact Point (GOOS) - Alternate Global Sea Level Observing System (GLOSS) National	2017-

Contact Point - Alternate
Data Buoy Cooperation Panel (DBCP) National Contact Point
- Alternate

Previous positions

IPMA	President of the Scientific Council of IPMA	2012-2017
IPMA	President of the Forum of the Scientific Councils of State Laboratories	2015-2016
IPMA	Vice-President of the Forum of the Scientific Councils of State Laboratories	2014
Lisbon Academy of Sciences	Member of the Portuguese IGBP/Global Change Committee	2005-2015
	IMBER National focal point	2010-2015
	LOICZ National focal point	2010-2015
	GLOBEC National Representative	2005-2010
IPIMAR-Former Institute for the Ocean and Fisheries Research	Coordinator of the Oceanology Unit at the Portuguese Institute for the Ocean and Fisheries Research (IPIMAR)	1998-2003
IPIMAR	Post-Doctoral Fellowship	1999-2001
IPIMAR	IPIMAR's Delegate to the CRIA Agency ("Clima e Respektivas Implicações Ambientais nos Países de Língua Oficial Portuguesa e do território de Macau" - "Climate and Consequent Environmental Implications in the Portuguese Official Language Countries and the Territory of Macau")	2000-2003
FCT	PRAXIS Post-Doctoral Fellowship from the Portuguese Science and Technology Foundation (FCT) at IPIMAR	1997-1998
NATO	Post-Doctoral Fellowship at the Joint Institute for Marine and Atmospheric Research (JIMAR) in NOAA-NMFS-Honolulu Laboratory	1996
Lisbon University	Post-Doctoral Research Associate at the Oceanographic Institute	1995
Lisbon University	Research Associate at the Oceanographic Institute	1994-1995
JNICT-Former National Science	Ph.D. Fellowship (CIÊNCIA Programme) from the Portuguese Science and Technology Research Commission (JNICT)	1990-1993

and
Technology
Foundation

Lisbon University	Ph.D. Student at the Physics Department	1990-1995
Lisbon University	Research Associate at the Geophysical Institute	1989-1990
INIP	Research Associate at the Portuguese National Fisheries Institute (INIP)	1988-1989

Teaching experience

Faculty of Sciences of the University of Porto	Lecture on “Application of Remote Sensing to Fisheries and Oceanography” of the MSc in “Remote Sensing” (3 hours)	2001
Liga para a Protecção da Natureza (ONG for nature conservation)	Lecture on the “General Aspects of the Ocean and the Properties of Seawater” in the frame of a small course on Marine Ecology (3 hours)	1999
University of Algarve	Lectures on the “Principles and applications of remote sensing methods in oceanography” in the frame of the module “Remote Sensing and GIS” of the MSc. in “Marine and Coastal Studies” (14 hours)	1995
“D. João de Castro” High School	Teacher of the courses of “Aquatic Ecology I” (grade 10), “Aquatic Ecology II” (grade 11) and “Fishing Technologies “ (grade 11) of the professional area of “Aquatic Production”	1987-1988
EU European Social Fund	Lectures on the course “Fish Aquaculture”	1987

Prizes, Grants and Funded Proposals

Elsevier: Relvas et al. (2007)	Most Cited Progress in Oceanography Articles (2007-2011)	2012
Elsevier: Peliz et al. (2005)	Second most cited Deep-Sea Research I paper in the last 5 years (2005-2009)	2010
Elsevier: Santos et al. (2004)	Continental Shelf Research Most Cited Paper 2003- 2007 Award	2008

FCT PRAXIS XXI Programme	Post-Doctoral Grant	1997-1998
NASA SeaWiFS Project	Authorized PI Research User	1997-
NATO	Post-Doctoral Grant	1996
JNICT CIENCIA Programme	Ph. D. Grant	1990-1993

International and national funded proposals (C-Coordinator; N-National Responsible; PI-Principal Investigator or Co-Investigator; P-Participant; see also Orcid iD: 0000-0001-9401-3504)

1. SARDITEMP - Impact of climate change on the ecology and dynamics of small pelagic fish (02/SAICT/2017)
Budget: € 239,869.87
Portugal 2020 P 2018-2020
2. OBSERVA.PT - Observações a bordo de navios comerciais nacionais para apoio à proteção e restauração da biodiversidade nos ecossistemas marinhos do Mar Português [Observations on board Portuguese commercial ships to support the conservation of marine biodiversity in the Portuguese Seas] (Mar2020 16-01-04-FMP-002)
Budget: € 762,569.03
Mar 2020 C 2018-2020
3. MarRISK (0262_MARRISK-1_E)
Budget: € 2,957,049.88
INTERREG V-A España Portugal POCTEP-International P 2015-2019
4. JELLYFISHERIES - Towards an integrated approach to enhance predictive accuracy of jellyfish impact on coastal marine ecosystems (P2020-PTDC/MAR-BIO/0440/2014)
FCT-National P 2016-2019
5. BIOMETORE - Biodiversity in seamounts: the Madeira-Tore and Great Meteor (EEA Grants PT02_Aviso2_0001)
Budget: € 2,779,636.00
EEA Grants-International P 2015
6. MarinEye – A prototype for multitrophic oceanic monitoring” (EEA Grants PT02_Aviso4_0017)
EEA Grants-International P 2015

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| 7. | SeaBioData - Portuguese Seamounts Biodiversity Data Management (EEA Grants PT02_Aviso5_002) | EEA Grants-International | P | 2015 |
| 8. | SAFI-Support to Aquaculture and Fishery Industry (FP7-SPACE-2013-1-607155)
Budget: € 731,157.00 | EC-International | P | 2013-2016 |
| 9. | IMPROVE - Inner shelf hydrographic and biological processes controlling invertebrate population in the Portuguese coast, using decapods as models (PTDC/MAR/110796/2009) | FCT-National | P | 2011-2014 |
| 10. | Assinalamento - Desenvolvimento sustentável da aquicultura pela promoção da sanidade do bem estar animal [Sustainable development of aquaculture for the promotion of animal welfare] (PROMAR 31-03-01-FEP-12)
Budget: € 787,300.00 | FEDER-National | C | 2010-2016 |
| 11. | MODELA - Modelling larval fish dynamics and related ocean processes (PTDC/MAR/098643/2008) | FCT-National | C | 2010-2014 |
| 12. | LongUp - Long Term Variability of the Canary Current Upwelling System (PTDC/AAC-CLI/105296/2008) | FCT-National | P | 2010-2013 |
| 13. | Sflux - The Mediterranean Outflow influence on the Eastern North Atlantic Central Water (PTDC/MAR/100677/2008) | FCT-National | P | 2010-2013 |
| 14. | MedEX - Inter-basin exchange in the changing Mediterranean Sea: Impact on the ecosystems in the vicinity of the Straits connecting the Mediterranean Sea with the adjacent Basins (MarinERA-189561 / FCT MARIN-ERA/MAR/0002/2008) | EC-International | P | 2009-2012 |
| 15. | POPEI - High-resolution oceanic paleoproductivity and environmental changes. Correlation with fish populations (POCI/MAR/55618/2004) | FCT-National | P | 2006-2009 |
| 16. | CLIBECO - Climate changes in the Iberian Upwelling Ecosystem (POCI/CLI/57752/2004) | FCT-National | P | 2006-2009 |
| 17. | LOBASSESS - Norway lobster stocks in Portugal: Basis for assessment using information on | FCT-National | P | 2005-2009 |

- larval production and ecology (FEDER-POCI/BIA-BDE/59426/2004)
18. EUR-OCEANS - European Network of Excellence for Ocean Ecosystems Analysis (EC FP6 NoE 511106) EC-International PI 2005-2008
 19. ProFit - Interdisciplinary study of oceanographic processes underlying the phytoplankton dynamics in the Portuguese upwelling system (ESA-FCT PDCTE/CTA/50386/2003) FCT-National P 2004-2007
 20. SARDYN - SARdine DYNAmics and stock structure in the North-east Atlantic (EC QSRs-2002-818) EC-International P 2002-2005
 21. PELAGICOS - Reforço das capacidades de investigação no domínio da oceanografia e biologia das pescas aplicada à gestão dos recursos marinhos pelágicos [Strengthening of the research capacities in the field of oceanography and fisheries biology applied to the management of pelagic marine resources] (FCT-PL/13/00) FCT-National P 2001-2005
 22. ProRecruit - Shelf processes controlling recruitment to littoral populations in an eastern oceanic boundary: using barnacles and crabs as models (POCTI/36663/BSE/1999) FCT-National P 2001-2004
 23. SIGAP-Sistema de Informação Geográfica Aplicada às Pescas [GIS applied to fisheries] (22-05-01-FDR-00013) FEDER-National C 2000-2007
 24. SURVIVAL - Assessing the impact of hydrodynamical forcing on the survival of small pelagic fish early life stages of western Iberia (PRAXIS/P/CTE/11282/1998) FCT-National C 1999-2002
 25. PO-SPACC - Portuguese small pelagic fishes and climate change program: a comparative retrospective analysis (PRAXIS/P/CTE/11281/1998) FCT-National C 1999-2002
 26. Remote sensing applied to fisheries monitoring in the Cabo Verde region (ESA-AO3-265) ESA-International PI 1999-2002
 27. SATFISH - Remote sensing applied to fisheries monitoring in the Cabo Verde region (POCTI/36095/CTA/2000) FCT-National P 1999-2002
 28. ENVIFISH - Environmental conditions and

- fluctuations in recruitment and distribution of small pelagic fish stocks (EC DG-XII INCO-DC Programme), June 1998- May 2001
Budget: € 1,898,0329
29. BASBLACK - Environment and biology of deep-water species *Aphanopus carbo* in NE Atlantic: basis for its management (EC DG-XIV/97/0084) EC-International C 1998-2000
Budget: € 515,707.00
30. JUVESU - Experimental surveys for the assessment of juveniles (EC DG-XIV FAIR Programme) EC-International P 1998-2000
31. Multisensor imaging of ocean organic films and sea surface slicks (ESA-AO3-) ESA-International PI 1998-1999
32. PICOLOR - Phytoplankton dynamics along Iberian Peninsula shelf and offshore Atlantic waters using SeaWiFS and in situ data (NASA SeaWiFS Programme) NASA-International PI 1997-2010
33. MORENA - Multidisciplinary Oceanographic Research in the Eastern Boundary of the North Atlantic (EC DG-XII MAST II Programme) EC-International P 1995
34. SATOCEAN - Development of satellite oceanography in Portugal (NATO (Science for Stability Programme) NATO-International P 1989-1994
35. Basis for the study of sardine recruitment variability off Portugal (JNICT) JNICT-National P 1988-1989
36. Basis for the estimation of sardine spawning biomass from Egg Production Method in Divisions VIIIc and XIa of ICES EC-International P 1988

Scientific and Professional Societies

Portuguese Biologists Professional Order (Ordem dos Biólogos)
Portuguese Oceanography Association (APOCEAN)
American Geophysical Union (AGU)
The Oceanography Society (TOS)
Association for the Sciences of Limnology and Oceanography (ASLO)

Community activities

Editorial Advisory Board: The Open Oceanography Journal, ISRN Oceanography

Panel Manuscript Reviewer: Fisheries Oceanography, Continental Shelf Research, Progress in Oceanography, Deep-Sea Research, , Deep-Sea Research II, Remote Sensing of Environment, International Journal of Remote Sensing, Journal of the Marine Biological Association UK, Western Indian Ocean Journal of Marine Sciences, Climate Research, ICES Journal of Marine Science, The Scientific World Journal.

Proposal Reviewer: Cyprus Research Promotion Foundation under Programme “DIDAKTOR”, Czech Science Foundation (GACR), Portuguese Science and Technology Foundation (FCT) Strategic Projects, FCT Alentejo2020 Projects, FCT Projects.

Publications

Citation history

Google Scholar Citation Indexes

URL: <http://scholar.google.com/citations?hl=pt-PT&user=5Lf70kYAAAAJ>

	All	Since 2013
Citations	2597	1324
h-index	24	20
i10-index	33	30

ResearcherID: G-6030-2011

URL: <http://www.researcherid.com/rid/G-6030-2011>

h-index: 21

Citations: 1583

Average citation per article: 35.98

Scopus Author ID: 25926746100

URL: <https://www.scopus.com/authid/detail.uri?authorId=25926746100>

h-index: 22

	All	Since 2013
Citations	1695	969

ISI Publications: 44 (IF - Impact Factor at the time of publication; ISI Citations; Q Quartile at the time of publication)

2018

1. **Santos**, A. M. P., Nieblas, A.-E., Verley, P., Teles-Machado, A., Bonhommeau, S., Lett, C., Garrido, S., Peliz, A. (2018). Sardine (*Sardina pilchardus*) larval dispersal in the Iberian Upwelling System, using coupled biophysical techniques. *Progress in Oceanography*, **162**: 83-97. doi: <https://doi.org/10.1016/j.pocean.2018.02.011> (IF = n.a.; Citations = 0; Aquatic Sciences n.a.)

2017

2. Garrido, S., Silva, A., Marques, V., Figueiredo, I., Bryère, P., Mangin, A., & Santos, A. M. P. (2017). Temperature and food-mediated variability of European Atlantic sardine recruitment. *Progress in Oceanography*, 159, 267-275.
3. Cruz, J., Teodósio, M. A., Ben-Hamadou, R., Chícharo, L., Garrido, S., Ré, P., & **Santos**, A. M. P. (2017). RNA: DNA ratios as a proxy of egg production rates of *Acartia*. *Estuarine, Coastal and Shelf Science*, 187: 96–109, <http://dx.doi.org/10.1016/j.ecss.2016.12.028>. (IF = n.a.; Citations = 1; Aquatic Sciences and Oceanography n.a.)
4. Teodósio, M.A., S. Garrido, J. Peters, F. Leitão, P. Ré, A. Peliz, A. M. P. **Santos** (2017). Assessing the impact of environmental forcing on the condition of anchovy larvae in the Cadiz Gulf using nucleic acid and fatty acid-derived indices. *Estuarine, Coastal and Shelf Science*, 185: 94-106, <http://dx.doi.org/10.1016/j.ecss.2016.10.023>. (IF = n.a.; Citations = 0; Aquatic Sciences and Oceanography n.a.)
5. Pochelon, P. N., Pires, R. F., Dubert, J., Nolasco, R., Santos, A. M. P., Queiroga, H., & dos Santos, A. (2017). Decapod larvae distribution and species composition off the southern Portuguese coast. *Continental Shelf Research*, 151: 53-61. . (IF = n.a.; Citations = 0; Aquatic Sciences and Oceanography n.a.)

2016

6. Garrido S., A. Cristóvão, C. Caldeira, R. Ben-Hamadou, N. Baylina, H. Batista, E. Saiz, M.A. Peck, P. Ré, A.M.P. **Santos** (2016). Effect of temperature on the growth, survival and foraging behaviour of *Sardina pilchardus* larvae. *Marine Ecology Progress Series*, 559: 131-145, <https://doi.org/10.3354/meps11881>. (IF=2.292; Citations = 8; Aquatic Sciences Q1)
7. Malta, T., P.T. Santos, A.M.P. **Santos**, M. Rufino, A. Silva (2016). Long-term variations in Ibero-Atlantic sardine (*Sardina pilchardus*) population dynamics: Relation to environmental conditions and exploitation history. *Fisheries Research*, 179: 47-56, doi:10.1016/j.fishres.2016.02.009. (IF=2.185; Citations = 2; Aquatic Sciences Q1)

2015

8. Garrido, S., R. Ben-Hamadou, A.M.P. **Santos**, S. Ferreira, M. A. Teodósio, U. Cotano, X. Irigoien, M. Peck, E. Saiz, P. Ré (2015). Born small, die young: Intrinsic, size selective mortality in marine larval fish. *Nature Scientific Reports*, 5: 17065, doi: 10.1038/srep17065. (IF=5.228; Citations = 9; Multidisciplinary Q1)
9. Garrido, S., A. Silva, J. Pastor, R. Dominguez, A.V. Silva, A.M.P. **Santos** (2015). Trophic ecology of pelagic fish species off the Iberian coast: diet overlap, cannibalism and intraguild predation. *Marine Ecology Progress Series*, 539: 271–286, doi: 10.3354/meps11506. (IF=2.361; Citations = 6; Aquatic Sciences Q1)

2014

10. Caldeira, C., A.M.P. **Santos**, P. Ré, M.A. Peck, E. Saiz, S. Garrido (2014). Effects of prey concentration on ingestion rates of European sardine (*Sardina pilchardus*) larvae in the laboratory. *Marine Ecology Progress Series*, **517**: 217-228. (IF=2.619; Citations = 8; Aquatic Sciences and Ecology Q1)
11. Bartilotti, C., A. dos Santos, M. Castro, A. Peliz, A.M.P. **Santos** (2014). Decapod larval retention within distributional bands in a coastal upwelling ecosystem. *Marine Ecology Progress Series*, **507**: 233–247, doi: 10.3354/meps10817. (IF=2.619; Citations = 4; Aquatic Sciences and Ecology Q1)
12. Pochelon, P.N., A. dos Santos, A.M.P. **Santos**, H. Queiroga (2014). Vertical and horizontal larval distribution of an offshore brachyuran crab, *Monodaeus couchii*, off the south coast of Portugal. *Scientia Marina*, **78**(2): 249-256, doi: <http://dx.doi.org/10.3989/scimar.03944.30F>. (IF=1.247; Citations = 2; Aquatic Sciences and Oceanography Q2)
13. Moreno, A., S. Lourenço, J. Pereira, M.B. Gaspar, H.N. Cabral, G.J. Pierce, A.M.P. **Santos** (2014). Essential habitats for pre-recruit *Octopus vulgaris* along the Portuguese coast. *Fisheries Research*, **152**: 74-85. (IF=1.843; Citations = 17; Aquatic Sciences and Q1)

2013

14. Pires, R.F.T., M. Pan, A.M.P. **Santos**, A. Peliz, D. Boutov, A. dos Santos (2013). Modelling the variation in larval dispersal of estuarine and coastal ghost shrimp: *Upogebia* congeners in the Gulf of Cadiz. *Marine Ecology Progress Series*, **492**: 153-168, doi:10.3354/meps10488. (IF = 2.640; Citations = 4; Aquatic Sciences and Ecology Q1)
15. Cruz, J., S. Garrido, M.S. Pimentel, R. Rosa, A.M.P. **Santos** & P. Ré (2013). Reproduction and respiration of a climate change indicator species: effect of temperature and variable food in the copepod *Centropages chierchiae*. *Journal of Plankton Research*, **35**(5): 1046-1058. (IF = 2.263; Citations = 9; Aquatic Sciences and Ecology Q1)
16. Garrido, S., J. Cruz, A.M.P. **Santos**, P. Ré & E. Saiz (2013). Effects of temperature, food type and food concentration on the grazing of the calanoid copepod *Centropages chierchiae*. *Journal of Plankton Research*, **35**(4): 843-854. (IF = 2.263; Citations = 8; Aquatic Sciences and Ecology Q1)

2012

17. Moreno A., G.J. Pierce, M. Azevedo, J. Pereira & A.M.P. **Santos** (2012). The effect of temperature on growth of early life stages of the common squid *Loligo vulgaris*. *Journal of the Marine Biology Association U.K.*, **92**(7): 1619-1628 doi: <http://dx.doi.org/10.1017/S0025315411002141>. (IF = 1.129; Citations = 17)

2010

18. Solari; A.P., M.T.G. Santamaría, M.F. Borges, **A.M.P. Santos**, H. Mendes, E. Balguerías, J.A. Díaz Cordero, J.J. Castro & C. Bas (2010). On the dynamics of *Sardina pilchardus*: orbits of stability and environmental forcing. *ICES Journal of Marine Science*, **67**(8): 1565-1573, (IF = 1.808; Citations = 9; Aquatic Sciences and Ecology and Oceanography Q1)
19. Rosa, R, L. Gonzalez, B.R. Broitman, S. Garrido, **A.M.P. Santos** & M-L. Nunes (2010). Bioenergetics of small pelagics in upwelling systems: relationship between fish condition, coastal ecosystem dynamics and fisheries. *Marine Ecology Progress Series*, **410**: 205-210, doi: 10.3354/meps08635 (IF = 2.483; Citations = 14; Aquatic Sciences and Ecology Q1)

2009

20. Relvas, P., J. Luis & A.M.P. **Santos** (2009). The importance of the mesoscale in the decadal changes observed in the Northern Canary upwelling system. *Geophysical Research Letters*, **36**, L22601, doi:10.1029/2009GL040504 (IF = 3.204; Citations = 34; Earth and Planetary Sciences (miscellaneous) and Geophysics Q1)
21. Aristegui, J., E.D. Barton, X.A. Álvarez-Salgado, A.M.P. **Santos**, F. Figueiras, S. Kifani, S. Hernández-León, E. Mason, E. Machu & H. Demarcq (2009). Sub-regional ecosystem variability in the Canary Current upwelling. *Progress in Oceanography*, **83**: 33-48, doi: 10.1016/j.pocean.2009.07.031 (IF = 3.582; Citations = 99; Aquatic Sciences Q1)
22. Garrido, S., A.M.P. **Santos**, A. dos Santos & P. Ré (2009). Spatial distribution and vertical migrations of fish larvae communities off Northwestern Iberia sampled with LHPR and Bongo nets. *Estuarine, Coastal and Shelf Science*, **84**: 463-475, doi: 10.1016/j.ecss.2009.07.018 (IF = 1.978, Citations = 20; Aquatic Sciences and Oceanography Q1)
23. Peliz, A., P. Marchesiello, A.M.P. **Santos**, J. Dubert, A. Teles-Machado, M. Marta-Almeida & B. Le Cann (2009). Surface circulation in the Gulf of Cadiz: 2: Inflow-Outflow coupling and the Gulf of Cadiz slope current. *Journal of Geophysical Research*, **114**, C03011, doi:10.1029/2008JC004771. (IF = 2.953; Citations = 29; Aquatic Sciences and Oceanography and Ecology and Earth and Planetary Sciences (miscellaneous) and Geophysics Q1)
24. Moreno; A., A. dos Santos, U. Piatkowski, A.M.P. **Santos** & H. Cabral (2009). Distribution of cephalopod paralarvae in relation to the regional oceanography of the western Iberia. *Journal of Plankton Research*, **31**: 73-91, doi: 10.1093/plankt/fbn103. (IF = 1.897; Citations = 46; Aquatic Sciences and Ecology Q1)

2008

25. dos Santos, A., A. M. P. **Santos**, D. V. P. Conway, C. Bartilotti, P. Lourenço & H. Queiroga (2008). Diel vertical migration of decapod larvae in the Portuguese coastal

upwelling ecosystem: implications for offshore transport. *Marine Ecology Progress Series*, **359**: 171-183 doi: 10.3354/meps07341 (IF = 2.286; Citations = 49; Aquatic Sciences and Ecology Q1)

2007

26. **Santos**, A. M. P., A. Chícharo, A. Dos Santos, T. Moita, P. B. Oliveira, A. Peliz & P. Ré (2007). Physical-biological interactions in the life history of small pelagic fish in the Western Iberia Upwelling Ecosystem. *Progress in Oceanography*, **74**(2-3): 192-209, doi:10.1016/j.pocean.2007.04.008 (IF = 2.264; Citations = 68; Aquatic Sciences Q1)
27. Relvas, P., E.D. Barton, J. Dubert, P. B. Oliveira, A. Peliz, J.C.B. da Silva & A.M.P. **Santos** (2007). Physical Oceanography of the Western Iberia Ecosystem: latest views and challenges. *Progress in Oceanography*, **74**(2-3): 149-173, doi:10.1016/j.pocean.2007.04.021 (IF = 2.264; Citations = 138; Aquatic Sciences Q1)
28. Queiroga, H., T. Cruz, A. Dos Santos, J. Dubert, J. L. González-Gordillo J. Paula, A. Peliz & A. M. P. **Santos** (2007). Oceanographic and behavioural processes affecting invertebrate larval dispersal and supply in the Western Iberia Upwelling Ecosystem. *Progress in Oceanography*, **74**(2-3): 174-191, doi:10.1016/j.pocean.2007.04.007 (IF = 2.264; Citations = 54; Aquatic Sciences Q1)
29. Echevarría, F., J. L. Acuña, S. Hernández-León, E. S., A. M. P. **Santos** & M. Barange (2007). Ecological functioning of the Iberian seas: A synthesis of GLOBEC research in Spain and Portugal. *Progress in Oceanography*, **74**(2-3): 95-97. (IF = 2.264; Citations = 1; Aquatic Sciences Q1)
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Scientific and Professional Societies

Portuguese Biologists Association (Ordem dos Biólogos), American Geophysical Union (AGU), The Oceanography Society (TOS), Portuguese Oceanography Association (APOCEAN), Association for the Sciences of Limnology and Oceanography (ASLO).

Personal skills

Mother tongue: Portuguese

Other languages:

	<i>Understanding</i>		<i>Speaking</i>		<i>Writing</i>
	<i>Listening</i>	<i>Reading</i>	<i>Interaction</i>	<i>Production</i>	
English	C2	C2	C1	C1	C2
Spanish	C1	C2	B1	B1	A2
French	B2	C2	A2	A2	A2
Italian	B1	B1	A1	A1	A1