

Curriculum Vitae

(15-FEB-2021)

António MIGUEL PIECHO de Almeida SANTOS

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

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¹ Portuguese Institute for the Ocean and Atmosphere

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Abstract

A. Miguel Piecho-Santos has a degree in Biology - **Marine Biology** (pre-Bologna degree - 5 years course) and a PhD in Geophysical Sciences - **Physical Oceanography** by the University of Lisbon.

He has over **30 years of experience** in research on the relationships between the environment and marine organisms.

Since 2001, he has been a **Senior Scientist at IPMA** (Portuguese Institute of the Sea and Atmosphere, I.P.) and is a member of the Oceanography and Climate Change Group (OC2) at the **Centre of Marine Sciences of the University of Algarve** (CCMAR).

It is currently the **national focal point of the IOC-UNESCO Argo Program**, a member of the **IBI-ROOS** (Iberia-Biscay-Ireland Regional Operational Oceanographic System), a member of several **ICES Working Groups** and one of the **coordinators** of the “**Agenda of the Sea**” of the Portuguese Ministry of Science and Higher Education.

He was **President** of the Scientific Council of IPMA (2012-2017), **President** (2015-2016) and **Vice-President** (2014) of the Forum of Scientific Councils of State Laboratories, representative of IPMA in **EuroGOOS**, member of the national committee of the **IGBP/Global Change** and, the national representative of **GLOBEC**.

His teaching experience is related to the collaboration in **MSc** of the Universities of Algarve and Porto, as well as some lectures in various courses and as a High School Teacher.

Supervised 3 Post-Doctorates, 4 PhDs, 3 MSc, and 6 Undergraduate Internships.

He was a member of **Doctoral juries** (2 as the main judge and 3 as a member of the jury) and was the main judge in 4 **MSc juries**.

He is or has been involved in **39** national and international **projects**, **12** of which as **Coordinator or PI**.

In recent years, his research activity has focused on physical-biological interactions in the ocean along an end-to-end approach, the impact of global changes in the ocean and development of ocean observation systems. Other areas of interest/specialization are fisheries oceanography, fish ecology, mainly of pelagic species and the applications of remote sensing with satellites to oceanography and fisheries.

Google Scholar has an **h-index = 27**, with **3141 citations**.

Scopus has an h-index = 23, with 2048 citations.

ResearcherID / Publon has an h-index = 22, with 1966 citations.

He published **58** peer-reviewed articles (**88%** of the cases in journals in **Q1**, 10% in Q2 and 2% in Q3).

The article **Relvas et al. (2007)** was considered one of the most cited in Progress in Oceanography, between 2007-2011,; **Peliz et al. (2005)** was considered the second most cited in by Deep-Sea Research I, between 2005-2009; and **Santos et al. (2004)** was the most cited article in Continental Shelf Research, between 2003-2007.

Resumo

A. Miguel Piecho-Santos é **Licenciado em Biologia Marinha** (Licenciatura pré-Bolonha - 5 anos) e **Doutorado em Ciências Geofísicas-Oceanografia Física** pela Universidade de Lisboa.

Tem mais de **30 anos de experiência** na investigação sobre as relações entre o ambiente e os organismos marinhos.

Desde 2001, é **Investigador Auxiliar do IPMA** (Instituto Português do Mar e da Atmosfera, I.P.) e é **Investigador** do Grupo de Oceanografia e Alterações Climáticas (OC2) do **Centro de Ciências do Mar do Algarve (CCMAR)**.

Actualmente, é o ponto focal nacional do Programa **Argo do COI-UNESCO**, membro do **IBI-ROOS** (Iberia-Biscay-Ireland Regional Operational Oceanographic System), membro de vários Grupos de Trabalho do **ICES** e, um dos **coordenadores da “Agenda do Mar”** do Ministério da Ciência e Ensino Superior.

Foi **Presidente do Conselho Científico** do IPMA (2012-2017), **Presidente** (2015-2016) e **Vice-Presidente** (2014) do Fórum dos Conselhos Científicos dos Laboratórios do Estado, representante do IPMA no **EuroGOOS**, membro do comitê nacional do **IGBP/Mudança Global** e, o representante nacional do **GLOBEC**.

A sua experiência de docência está relacionada com a colaboração em **Mestrados** das Universidades do Algarve e do Porto, bem como algumas palestras em vários cursos e como Professor do Ensino Secundário.

Orientou/supervisionou 3 **Pós-Doutorados**, 4 **Doutoramentos**, 2 **Mestrados**, 6 **Estágios de Licenciatura/Cadeiras de projecto**.

Fez parte de **júris** de Doutoramento (2 como arguente principal e 3 como membro do júri) e foi arguente principal em 4 júris de Mestrado.

Está ou esteve envolvido em **39 projectos** nacionais e internacionais, **12** dos quais como **Coordenador ou PI**.

Nos últimos anos, a sua actividade de investigação concentrou-se nas interacções físico-biológicas no oceano ao longo de uma abordagem de extremo-a-extremo (“end-to-end”), no impacto das mudanças globais no oceano e no desenvolvimento de sistemas de observação oceânica. Outras áreas de interesse/especialização são a Oceanografia das Pescas, a Ecologia de peixes, principalmente de espécies pelágicas e, as aplicações da detecção remota com satélites à oceanografia e às pescas.

Tem no **Google Scholar** um **h-index = 27, com 3141 citações**.

Tem no **Scopus** um **h-index = 23, com 2048 citações**.

Tem no **ResearcherID/PublOn** um **h-index = 22, com 1966 citações**.

Publicou **58 artigos** com arbitragem pelos pares (**88%** dos casos em revistas no **Q1**, 10% no Q2 e 2% no Q3).

Dos artigos publicados **Relvas et al. (2007)** foi considerado um dos mais citados, entre 2007-2011, da revista *Progress in Oceanography*; **Peliz et al. (2005)** foi considerado o segundo mais citado, entre 2005-2009, da revista *Deep-Sea Research I*; e **Santos et al. (2004)** foi o artigo mais citado, entre 2003-2007, da revista *Continental Shelf Research*.

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>)

CIÊNCIA ID: 541E-93D0-BFC3 (<https://www.cienciavita.pt/en/541E-93D0-BFC3>)

Scopus: 25926746100

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

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

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>)

Ocean Expert: <https://oceanexpert.org/expert/32748>

Academic degrees

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

Complementary education and courses

- Workshop “Application of population genomics to fisheries management”, Advanced Technologies 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 (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). 1991
- 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

Marine Biology

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")	2000-
CCMAR	Member of the Centre of Marine Sciences (CCMAR) of the University of Algarve - Group of Oceanography and Climate Changes (OC2)	2015-
EOOS	National Focal Point and Member of the European Ocean Observing System (EOOS) Operations Committee	2020-
ICES	Alternate Member of the Science Committee (SICOM) Member of the Working Group on Integrative, Physical-biological, and Ecosystem Modelling (WGIPEM) Member of the Working Group on Small Pelagic Fishes, their Ecosystems and Climate Impact (WGSPEC)	2014- 2014- 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 Program National Focal Point Global Ocean Observing Systems National Contact Point (GOOS) - Alternate Global Sea Level Observing System (GLOSS) National Contact Point - Alternate Data Buoy Cooperation Panel (DBCP) National Contact Point - Alternate	2017-
EuroGOOS	Member of the IBI-ROOS (Iberia Biscay Ireland Regional Operational Oceanographic System)	2006-

Previous positions

EuroGOOS	Representative of IPMA	2016-2018
IPMA	President of the Scientific Council of IPMA	2012-2017
IPMA	Representative in EuroGOOS	2014-2017
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 IMBER National focal point LOICZ National focal point GLOBEC National Representative	2005-2015 2010-2015 2010-2015 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
FLAD-Portuguese/USA Foundation for the Development	Member of the Scientific Council of the Lectures on Marine Sciences	2003-2008
EuroGOOS	Member of the Working Group for the preparation of the "IBI-ROOS Plan: Iberia Biscay Ireland Regional Operational Oceanographic System 2006–2010"	2004-2005
Portuguese Inter-Ministerial Oceanographic Commission	Member of the Working Group on Ocean/Climate Research and Observation of the Portuguese Inter-Ministerial Oceanographic Commission	2004-2007
IPIMAR	Representative of IPIMAR in the Portuguese Committee of IOC-IODE (Intergovernmental Oceanographic Commission-International Oceanographic Data and Information Exchange).	2001-2007
GLOBEC	Member of the SPACC/IOC Study Group on the "Use of environmental indices in the management of pelagic fish populations"	2001-2003
GLOBEC	Member of GLOBEC Study Group on "Paleoceanography"	2001-2002

IPIMAR	IPIMAR's Delegate to the CRIA Agency ("Clima e Respectivas 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
IPIMAR	Post-Doctoral Fellowship	1999-2001
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 and Technology Foundation	Ph.D. Fellowship (CIÊNCIA Programme) from JNICT - the Portuguese Science and Technology Research Commission	1990-1993
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

Dept. of Biology of the Univ. of Aveiro	"Plankton in a changing world. Plankton and productivity. Ecology, processes and new methodologies in support of marine management" (35 hours) - Lecturer and course Co-organizer	2021
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	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

nature conservation)		
Academia da Força Aérea (Portuguese Air Force Academy)	Lectures on Oceanography and Meteorology (1 year course)	1997-1998
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

Post-graduate and undergraduate supervision

1.	Susana Garrido (FCT SFRH/BPD/105419/2014)	Oceanographic processes relevant to the life cycle of the European sardine, <i>Sardina pilchardus</i>	2015-2016-IPMA
2.	Alexander Kazmin (P.P. Shirshov Institute of Oceanology, Russia)	NATO Science Fellowships- OUTREACH Programme, 2003 - Satellite oceanography and small pelagic fish	2003-IPIMAR
3.	Zuo Juncheng (Ocean University of China)	SATFISH Project - Physical oceanography	2002-IPIMAR
4.	Joana Cruz (PhD Marine Sciences)	Copepod communities and secondary production in Portuguese coastal waters	2020-University of Lisboa
5.	Ana Moreno (PhD Marine Biology and Aquaculture)	Environmental drivers on the life cycle strategies and distribution of cephalopods in the Portuguese coast	2012-University of Lisboa
6.	Patrícia Laginha (PhD Physical Oceanography)	The response of the Canary current upwelling system to global warming in the last decades	Under way-University of Algarve
7.	Ana Moreno (Public examination for Assistant Researcher)	Geographic variation in cephalopod life history traits	2008-IPIMAR

8.	Tiago Malta (MSc Biological Aquatic Resources)	Variação de longo termo na dinâmica da sardinha em relação às condições oceanográficas [Longterm variability of sardine dynamics and its relationships with oceanographic conditions]	2013-Faculty of Sciences of the University of Porto
9.	Patricia Amorim (MSc GIS)	Modelação da estrutura espacial da pesca de atum no Atlântico Nordeste [Modelling the spatial structure of the tuna fishery in the NE Atlantic]	2005-Engineer Institute (IST) of Lisboa Technical University
10.	Israel Ribeiro (Marine Biology and Fisheries undergraduate thesis)	Detecção remota aplicada às pescas na região de Cabo Verde [Applications of satellite remote sensing to the fisheries in Cape Vert islands region]	2005-University of Algarve
11.	Ana Cristina Ribeiro (Biology undergraduate thesis)	Resposta da Biomassa de Clorofila-a num episódio de ventos favoráveis a afloramento costeiro ocorrido no inverno ao largo da costa noroeste da Península ibérica [The response of chlorophyll-a biomass to favourable upwelling winds event during winter off northwestern Iberian Peninsula]	2002-Faculty of Sciences of the University of Lisboa
12.	Nuno Vaz (Oceanography undergraduate thesis)	Determinação de correntes oceânicas usando um ADCP [Estimation of ocean currents using an ADCP]	2002-University of Aveiro
13.	Bernardo Mota (Meteorology undergraduate thesis)	Pequenos peixes pelágicos e mudanças climáticas: uma análise retrospectiva comparativa [Small pelagic fish and climate changes: a comparative retrospective analysis]	2001-Faculty of Sciences of the University of Lisboa
14.	Gonçalo Ferreira (Physical Oceanography project course)	Estimativa de correntes a partir de bóias derivantes e obtenção de perfis verticais de TS com dados de CTD [Estimation of currents from drifting buoys and computation of TS vertical profiles based on CTD data]	2018- Faculty of Sciences of the University of Lisboa

15.	Joana Roma (Biology project course).	Maintenance of copepod species culture using several food regimes to be used in fish larvae experiments	2010-Agronomy Institute (ISA) of Lisboa Technical University
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Thesis Committees

1.	Martinho Marta Almeida (PhD Oceanography)	Examiner	2006-University of Aveiro
2.	Humberto Gomes Hazin (PhD Marine Sciences)	Examiner	2006-University of Algarve
3.	Tereza Cristina Pilar-Fonseca (PhD Marine, Earth and Environmental Sciences)	Member	2014-University of Algarve
4.	Ana Moreno Marques (PhD Marine Biology and Aquaculture)	Member	2012-University of Lisboa
5.	Susana Garrido (PhD Marine Sciences)	Member	2007-University of Algarve
6.	Susana Sofia Dias Ferreira (MSc Marine Biology)	Examiner	2014- University of Algarve
7.	Tiago Malta (MSc Biological Aquatic Resources)	Examiner	2013-Faculty of Sciences of the University of Porto
8.	Joana André Dias (MSc Aquaculture and Fisheries)	Examiner	2011-University of Algarve
9.	Quilanda Fidel (MSc Oceanography)	Examiner	2001-University of Cape Town

Prizes, Grants and Funded Proposals

1.	Elsevier: Deep-Sea Research	Exceptional reviewer	2017
2.	Elsevier: Relvas et al. (2007)	Most Cited Progress in Oceanography Articles (2007-2011)	2012
3.	Elsevier: Peliz et al. (2005)	Second most cited Deep-Sea Research I paper in the last 5 years (2005-2009)	2010
4.	Elsevier: Santos et al. (2004)	Continental Shelf Research Most Cited Paper 2003-2007 Award	2008
5.	FCT PRAXIS XXI Programme	Post-Doctoral Grant	1997-1998

6.	NASA SeaWiFS Project	Authorized PI Research User	1997-
7.	NATO	Post-Doctoral Grant	1996
8.	JNICT CIENCIA Programme	Ph. D. Grant	1990-1993

International and national funded proposals: 41

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

1.	NextOcean: Next Generation Fishing and Aquaculture Services (EU H2020-SPACE-2020 Grant agreement No. 101004362) Budget: € 2,999,788.75	H2020	P	2021-2023
2.	A-Fish-DNA-Scan - Cutting-edge DNA-based approaches for improved monitoring and management of fisheries resources along Magellan-Elcano's Atlantic route, (CIRCNA/BRB/0156/2019) Budget: € 288,853.57	FCT	P	2020-2023
3.	Euro-Argo-RISE - Euro-Argo Research Infrastructure Sustainability and Enhancement (EU H2020-INFRADEV-2018-1 Grant agreement No 824131) Budget: € 3,994,067.50	H2020	P	2018-2022
4.	OBSERVA.FISH - Autonomous Observing Systems in Fishing Vessels for the Support of Marine Ecosystem Management (PTDC/CTA-AMB/31141/2017) Budget: € 223,704.98	FCT/Portugal 2020	C	2018-2021
5.	SARDITEMP - Impact of climate change on the ecology and dynamics of small pelagic fish (02/SAICT/2017 n° 32209) Budget: € 239,869.87	FCT/Portugal 2020	P	2018-2021
6.	STORM - Atmosphere-Ocean-Solid Earth Coupling: Seismic Tools to Explore and Monitor the Oceans (UTAP-EXPL/EAC/0056/2017) Budget: € 99,984.00	FCT-Univ. of Texas Austin	P	2018-2019
7.	OBSERVA.PT - Observações a bordo de navios comerciais nacionais para apoio à proteção e restauração da biodiversidade nos ecossistemas marinhos do Mar Português	Mar 2020	C	2019-2020

	[Observations on board Portuguese commercial ships to support the conservation of marine biodiversity in the Portuguese Seas] (Mar2020 16-01-04-FMP-002) Budget: € 755,000.00			
8.	MarRISK (0262_MARRISK-1_E) Budget: € 2,957,049.88	INTERREG V-A España Portugal POCTEP-International	P	2015-2019
9.	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
10.	BIOMETORE - Biodiversity in seamounts: the Madeira-Tore and Great Meteor (EEA Grants PTO2_Aviso2_0001) Budget: € 2,779,636.00	EEA Grants-International	P	2015
11.	MarinEye – A prototype for multitrophic oceanic monitoring” (EEA Grants PTO2_Aviso4_0017)	EEA Grants-International	P	2015
12.	SeaBioData - Portuguese Seamounts Biodiversity Data Management (EEA Grants PTO2_Aviso5_002) Budget: € 194,650.00	EEA Grants-International	P	2015
13.	SAFI-Support to Aquaculture and Fishery Industry (FP7-SPACE-2013-1-607155) Budget: € 731,157.00	EC-International	P	2013-2016
14.	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
15.	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
16.	MODELA - Modelling larval fish dynamics and related ocean processes (PTDC/MAR/098643/2008)	FCT-National	C	2010-2014
17.	LongUp - Long Term Variability of the Canary Current Upwelling System (PTDC/AAC-	FCT-National	P	2010-2013

	CLI/105296/2008)			
18.	Sflux - The Mediterranean Outflow influence on the Eastern North Atlantic Central Water (PTDC/MAR/100677/2008)	FCT-National	P	2010-2013
19.	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
20.	POPEI - High-resolution oceanic paleoproductivity and environmental changes. Correlation with fish populations (POCI/MAR/55618/2004) Budget: € 99,990.00	FCT-National	P	2006-2009
21.	CLIBECO - Climate changes in the Iberian Upwelling Ecosystem (POCI/CLI/57752/2004)	FCT-National	P	2006-2009
22.	LOBASSESS - Norway lobster stocks in Portugal: Basis for assessment using information on larval production and ecology (FEDER-POCI/BIA-BDE/59426/2004)	FCT-National	P	2005-2009
23.	EUR-OCEANS - European Network of Excellence for Ocean Ecosystems Analysis (EC FP6 NoE 511106)	EC-International	PI	2005-2008
24.	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
25.	SARDYN - SARDine DYNamics and stock structure in the North-east Atlantic (EC QSRS-2002-818)	EC-International	P	2002-2005
26.	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-PLE/13/00)	FCT-National	P	2001-2005
27.	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

28.	SIGAP-Sistema de Informação Geográfica Aplicada às Pescas [GIS applied to fisheries] (22-05-01-FDR-00013)	FEDER-National	C	2000-2007
29.	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) Budget: PTE 35,000,000.00 (~ €175,000.00)	FCT-National	C	1999-2002
30.	PO-SPACC - Portuguese small pelagic fishes and climate change program: a comparative retrospective analysis (PRAXIS/P/CTE/11281/1998)	FCT-National	C	1999-2002
31.	Remote sensing applied to fisheries monitoring in the Cabo Verde region (ESA-AO3-265)	ESA-International	PI	1999-2002
32.	SATFISH - Remote sensing applied to fisheries monitoring in the Cabo Verde region (POCTI/36095/CTA/2000)	FCT-National	P	1999-2002
33.	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	EC-International	N	1998-2001
34.	BASBLACK - Environment and biology of deep-water species <i>Aphanopus carbo</i> in NE Atlantic: basis for its management (EC DG-XIV/97/0084) Budget: € 515,707.00	EC-International	C	1998-2000
35.	JUVESU - Experimental surveys for the assessment of juveniles (EC DG-XIV FAIR Programme)	EC-International	P	1998-2000
36.	Multisensor imaging of ocean organic films and sea surface slicks (ESA-AO3-177)	ESA-International	PI	1998-1999
37.	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
38.	MORENA - Multidisciplinary Oceanographic Research in the Eastern Boundary of the North Atlantic (EC DG-XII MAST II Programme)	EC-International	P	1995
39.	SATOCEAN - Development of satellite oceanography in Portugal (NATO (Science for Stability Programme)	NATO-International	P	1989-1994

40.	Basis for the study of sardine recruitment variability off Portugal (JNICT)	JNICT-National	P	1988-1989
41.	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

1. Portuguese Biologists Professional Order (Ordem dos Biólogos)
2. Portuguese Oceanography Association (APOCEAN)
3. American Geophysical Union (AGU)
4. The Oceanography Society (TOS)
5. Association for the Sciences of Limnology and Oceanography (ASLO)
6. European Geophysical Union (EGU)

Journals Reviewer

1. *Fisheries Oceanography*
2. *Continental Shelf Research*
3. *Progress in Oceanography*
4. *Deep-Sea Research*
5. *Remote Sensing of Environment*
6. *International Journal of Remote Sensing*
7. *Journal of the Marine Biological Association UK*
8. *Western Indian Ocean Journal of Marine Sciences*
9. *Climate Research*
10. *ICES Journal of Marine Science*
11. *The Scientific World Journal*
12. *Deep-Sea Research II*
13. *Ocean Science*
14. *Thalassas*
15. *Canadian Journal of Fisheries and Aquatic Sciences*
16. *Limnology and Oceanography*

Other Evaluations

1. Chapter 9 - Deep sea and offshore/pelagic habitats of the United Nations Environmental Programme (UNEP) / Nairobi Convention / Western Indian

- Ocean Marine Science Association Regional State of the Coast Report (RSOCR) for the Western Indian Ocean.
2. Research Proposals for the Cyprus Research Promotion Foundation under Programme “DIDAKTOR”.
 3. Research Proposals for the Czech Science Foundation (GACR).
 4. Strategic Projects for the Portuguese Science and Technology Foundation (FCT)
 5. Alentejo2020 Projects for the Portuguese Science and Technology Foundation (FCT)
 6. EC Projects (former-DGXIV).

Editorial Board

1. Member of the Editorial Board of the journal “Oceans”
2. Guest Editor in Progress in Oceanography Special Issue on the “Ecological functioning of the Iberian seas”
3. Member of the Editorial Board of “Mudança Global Noticias” [Global Change News], the bulletin of the National Committee for IGBP/Global Change
4. Member of the Editorial Board of “The Open Oceanography Journal” (2007-2015)
5. Member of the Editorial Board of “ISRN Oceanography” (2007-2014)
6. Guest Editor of the section “GLOBEC-PORTUGAL” in GLOBEC International Newsletter, 12(1): 7-31 (2006)

Committees of Scientific Events

1. Scientific Committee of the “IX Congresso sobre Planeamento e Gestão das Zonas Costeiras dos Países de Expressão Portuguesa” [9th Congress on Coastal Zones Planning and Management of the Portuguese Speaking Countries], Lisboa, 14-19 May 2019.
2. Scientific Committee of the “IX Simpósio sobre a Margem Ibérica Atlântica (MIA2018)” [9th Symposium on the Iberian Atlantic Margin (MIA 2018)], Coimbra, 4-7 September 2018.
3. Scientific Committee of the “5as Jornadas de Engenharia Hidrográfica” [5th Symposium on Hydrographic Engineer], Lisboa, 19-21 June 2018.

4. Scientific Committee of the “VIII Simpósio sobre a Margem Ibérica Atlântica (MIA 2015)” [8th Symposium about the Iberian Atlantic Margin (MIA 2015)], Malaga, 21-23 September 2015
5. Coordination Committee of the "VII Simpósio sobre a Margem Ibérica Atlântica (MIA 2012)" [7th Symposium about the Iberian Atlantic Margin (MIA 2012)], Lisboa, 16-20 December 2012
6. Organization and Scientific Committee of the “II Seminário Ibérico sobre Mudança Global na Península Ibérica. Uma Visão Integrada” [2nd Iberian Seminar on Global Change in the Iberian Peninsula. An integrated view], Lisboa, 4-5 November 2010
7. Organization and Scientific Committee of the “10th FLAD Lecture on Marine Sciences” on “The New Ocean Environment - A Decade of Progress” by David Halpern (NASA Headquarters, Washington DC, USA) sobre o tema, Lisboa, Portugal, 9 April 2008
8. Organization and Scientific Committee of the “9th FLAD Lecture on Marine Sciences” on “Climate Change and Polar Research” by Sabit Abyzov (Winogradsky Institute of Microbiology, Russian Sciences Academy, Moscow) and Donald Perovich (Cold region Research and Engineering Laboratory, Hanover, NH, USA), Lisboa, Portugal, 14 March 2007
9. Organization and Scientific Committee of the “8th Larval Biology Symposium”, Lisboa, Portugal, 6-11 July 2008
10. Organization and Scientific Committee of the “1a. Conferência Lusófona sobre o Sistema Terra- CLuSTer” [First Conference Portuguese Speaking Countries on Earth System - CLuSTer], Lisboa, Portugal, 22-24 March 2006
11. Organization and Scientific Committee of the “8th FLAD Lecture on Marine Sciences” on “Beyond the edge of the sea: volcanoes and life in the deep ocean” by Cindy Lee Van Dover (The College of William and Mary, USA), Lisboa, Portugal, 15 March 2006.
12. Organization and Scientific Committee of the “7th FLAD Lecture on Marine Sciences” on “Global ocean seismology observatory” by John Orcutt (Scripps Institution of Oceanography, USA), Lisboa, Portugal, 16 March 2005.
13. Organization and Scientific Committee of the “6th FLAD Lecture on Marine Sciences” on “Exploring the deep-sea with robots” by Marcia McNutt (Monterey Bay Aquarium Research Institute, USA), Lisboa, Portugal, 17 March 2004.

14. Organization of the 2nd “Workshop on the Cooperation between IPMA and IMR in the scope of the EEA Grants”, Lisboa, 11-12 December 2014.
15. Organization of the 1st “Workshop on the Cooperation between IPMA and IMR in the scope of the EEA Grants”, Estoril, 29 October 2014.
16. Organization of the "Launch Meeting of the Alliance of European Global Change Research Committees", Lisboa, Portugal, 13-14 November 2008
17. Organization of the Seminar “Estabilidade do Sistema Atlântico Norte, Mediterrâneo e Saara” [Stability of the North Atlantic, Mediterranean and Sahara System], Lisboa, Portugal, 21 June 2007
18. Member of the panel and commentator of the “5th FLAD Lectures on Marine Sciences” on “Ocean circulation and climate” by Carl Wunsch (MIT, USA), Lisboa, 26 March 2003
19. Chairman of the session on "Near shore and estuarine processes related to EBUS", Symposium "Eastern boundary upwelling ecosystems: integrative and comparative approaches", Las Palmas de Gran Canaria, Spain, 2-6 June 2008

Outreach

1. News for IPMA internet site on “Onde está o flutuador Argo WMO-3901909 ?” [Where is Argo WMO-3901909?], 2018
2. Presentation about IPMA and its research to the Schmidt Ocean Institute, LSTS, FEUP, 2017
3. Participation in the programme “60 minutos de Ciência” [60 minutes of Science], MUHNAC-FCUL, 2017.
4. News for IPMA internet site on “Lançamento de flutuador Argo: uma contribuição de Portugal para o Euro-Argo” [Deployment of an Argo float: Portuguese contribution to Euro-Argo], 2017.
5. Participation in SIC reportage with reporter Maria Miguel Cabo about the RV “Mar Portugal” and the research activities of IPMA, 2016.
6. Representative of IPMA in the Working Group “Escola Azul PT” [Blue School PT], 2015-2016
7. Invited presentation of the project SAFI - “Support to Aquaculture and Fishery Industry” (FP7-SPACE-2013-1) in the Workshop H2020: Oportunidades e Desafios nos programas Europeus de Observação da Terra [Workshop H2020: Opportunities and challenges of the European programmes on Earth

- Observation], Gabinete de Promoção do Programa Quadro ID&I da FCT, Lisboa, 2015.
8. Participation on the Researchers European Night, 2015
 9. Participation on the Blue Business Forum, 2015
 10. Support to the filming of Episode 11 (Fishing) from SIC series “Mar, a Terra Prometida” [Sea, the Promise Land], 2015.
 11. Interview with reporter Yasuko Takeda to Japanese public TV NHK about sardine and climate changes, 2015.
 12. Article for the magazine “Marés” of “Mútua dos Pescadores para o Mar e Economia Social” about sardine fisheries, 2015.
 13. Interview with reporter Ricardo Garcia (Newspaper Público) about sardine, 2015.
 14. Article for the section “Saberás tu...” of Newspaper “I” about “A sardinha está a desaparecer?” [Is sardine disappearing?], 2015.
 15. Participation on SIC reportage by reporter Carla Castelo about the abundance of sardine, 2014.
 16. Participation on the 5th Portugal Space Forum, 2014
 17. Participation on the Researchers European Night, 2014

Oceanographic Cruises

1. Chief Scientist in BIOMETORE2 (02030915), 7-20 September 2015
2. Chief Scientist in MedEX'2010 (02060810) cruise, 10-20 de August 2010
3. Chief Scientist in ProRecruit'2002 (02050502) cruise, 9-22 May 2002
4. Chief Scientist in SURVIVAL'2000 (02040200) cruise, 14 February - 1 March 2000
5. Chief Scientist in JUVESU'99 (03050999) cruise, 1-7 September 1999
6. Chief Scientist in JUVESU'98 (02120998) cruise, 5-7 September 1998
7. Responsible for the deployment of currentmeter and thermomister moorings for the project SFlux (PTDC/MAR/100677/2008), 17 June 2011
8. Responsible for the equipment testing (microstructure profiler) cruise for the project SFlux (PTDC/MAR/100677/2008), 23 de February 2011
9. Responsible for the recovery of the mooring deployed during Lobassess'2005 (02010106) cruise
10. Responsible for the monitoring programme CascaisWatch (2005-2010), monthly oceanographic sampling in Cascais Bay

11. Responsible for the deployment of two currentmeter and thermomister moorings in cruise 01050402 cruise, 16-18 April 2001
12. Participation in IMPROVE/MODELA (02020513) cruise (NI Noruega), 17-27 May 2013
13. Participation in POPEI'2008 cruise, 15-24 de Janeiro de 2008
14. Participation in Lobassess'2007 (02010107) cruise, 23-31 January 2007
15. Participation in Lobassess'2005 (02010106) cruise, 30 January - 04 February 2006
16. Participation in a cruise in the Pacific subtropical zone on board NOAA's RV Thompson Cromwell, 4-24 May 1996
17. Participation in MEDPOR/2 cruise, 29 November - 4 December 1983

Publications

Citation history

Google Scholar Citation Indexes

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

	All	Since 2016
Citations	3836	1599
h-index	29	22
i10-index	47	40

Publons: G-6030-2011

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

h-index: 24

Citations: 2181

Verified reviews (since 2006): 28

Scopus Author ID: 25926746100

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

h-index: 24

Citations: 2274

ISI Publications or with peer review: **58**

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

2020

1. Cruz, J., Teodosio, M.A., Garrido, S., Ben-Hamadou, R., Chicharo, L., Re, P., **Santos**, A.M.P. (2020). Plankton community and copepod production in a temperate coastal lagoon: what is changing in a short temporal scale? *Journal of Sea Research*, **157**: 101858. doi: <https://doi.org/10.1016/j.seares.2020.101858>

2018

2. Pires, R., Pan, M., Catalán, I., Prieto, L., **Santos**, M., Faria, C., Ferreira, S., Santos, A. (2018). The Atlantic–Mediterranean ecological connection: a study on decapod larval communities. *Mediterranean Marine Science*, **19**(3): 477-490. doi: <http://dx.doi.org/10.12681/mms.2006> (IF =4.51; Citations = 0; Aquatic Sciences and Oceanography Q1)
3. **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 = 3.245; Citations = 3; Aquatic Sciences Q1)

2017

4. 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. <https://doi.org/10.1016/j.pocean.2017.10.006> (IF = 4.270; Citations = 7; Aquatic Sciences Q1)
5. Domínguez, R., Garrido, S., **Santos**, A. M. P., & dos Santos, A. (2017). Spatial patterns of mesozooplankton communities in the Northwestern Iberian shelf during autumn shaped by key environmental factors. *Estuarine, Coastal and Shelf Science*, **198**: 257-268. <https://doi.org/10.1016/j.ecss.2017.09.008>. (IF = 2.413; Citations = 2; Aquatic Sciences and Oceanography Q1)
6. Cruz, J., Teodósio, M. A., Ben-Hamadou, R., Chicharo, 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 = 2.413; Citations = 1; Aquatic Sciences and Oceanography Q1)
7. 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 = 2.413; Citations = 8; Aquatic Sciences and Oceanography Q1)
8. 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. <https://doi.org/10.1016/j.csr.2017.10.009>. (IF = 1.942; Citations = 2; Aquatic Sciences and Oceanography Q1)

2016

9. 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 = 10; Aquatic Sciences Q1)
10. 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 = 10; Aquatic Sciences Q1)

2015

11. 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 = 21; Multidisciplinary Q1)
12. 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 = 18; Aquatic Sciences Q1)

2014

13. 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 = 11; Aquatic Sciences and Ecology Q1)
14. 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 = 9; Aquatic Sciences and Ecology Q1)
15. 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 = 6; Aquatic Sciences and Oceanography Q2)
16. 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 = 20; Aquatic Sciences and Q1)

2013

17. 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 = 7; Aquatic Sciences and Ecology Q1)
18. 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 = 12; Aquatic Sciences and Ecology Q1)
 19. 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 = 11; Aquatic Sciences and Ecology Q1)

2012

20. 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 = 1.023; Citations = 8; Aquatic Sciences Q2)
21. Borges, M.F., H. Mendes, A.M.P. **Santos** (2012). Sardine (*Sardina pilchardus*) recruitment is strongly affected by climate even at high spawning biomass in West Iberia/Canary upwelling system. *FAO Fisheries and Aquaculture Proceedings*, **18**: 237-244.

2010

22. 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 = 1; Aquatic Sciences and Ecology and Oceanography Q1)
23. 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 = 19; Aquatic Sciences and Ecology Q1)

2009

24. 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 = 43; Earth and Planetary Sciences (miscellaneous) and Geophysics Q1)
25. 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 = 157; Aquatic Sciences Q1)
26. 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 = 23; Aquatic Sciences and Oceanography Q1)
 27. 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 = 42; Aquatic Sciences and Oceanography and Ecology and Earth and Planetary Sciences (miscellaneous) and Geophysics Q1)
 28. 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 = 52; Aquatic Sciences and Ecology Q1)
 29. Drago, T., V. Ferreira-Bartrina, A.M.P. **Santos** & J. Pinheiro (2009). The use of fish remains in sediments for the reconstruction of paleoproductivity. *IOP Conference Series: Earth and Environmental Science*, **5**, 012012, doi:10.1088/1755-1307/5/1/012012. (Citations Google Scholar = 5)

2008

30. 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 = 59; Aquatic Sciences and Ecology Q1)

2007

31. **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 = 81; Aquatic Sciences Q1)
32. 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 = 177; Aquatic Sciences Q1)
33. 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 = 62; Aquatic Sciences Q1)
34. 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)
 35. dos Santos, A., A. M. P. **Santos** & D. V. P. Conway (2007). Horizontal and vertical distribution of cirripede cyprid larvae in an upwelling system off the Portuguese coast. *Marine Ecology Progress Series*, **329**: 145-155. (IF = 2.286; Citations = 31; Aquatic Sciences and Ecology Q1)
 36. Zuo, J., L. Du, A. Peliz, A. M. P. Santos & Y. Yu (2007). The characteristics of near-surface velocity during the upwelling season on the northern Portugal shelf. *Journal of Ocean University of China (Oceanic and Coastal Sea Research)*, **6**(3): 213-225. (IF = 0.601; Citations = 7; Ocean Engineering Q2 and Oceanography Q3)

2006

37. **Santos**, A. M. P., A. F. G. Fiúza & R. M. Laurs (2006). Influence of SST on catches of swordfish and tuna in the Portuguese domestic longline fishery. *International Journal of Remote Sensing*, **27**(15): 3131-3152. doi: <https://doi.org/10.1080/01431160600567811> (IF = 0.925; Citations = 9; Earth and Planetary Sciences (miscellaneous) Q1)
38. **Santos**, A. M. P., P. Ré, A. dos Santos & A. Peliz (2006). Vertical distribution of the European sardine (*Sardina pilchardus*) larvae and its implications for their survival. *Journal of Plankton Research*, **28**(5): 523-532, doi:10.1093/plankt/fbi137. (IF = 1.189; Citations = 35; Aquatic Sciences and Ecology Q1)

2005

39. Lázaro, C., M. Fernandes, A.M.P. **Santos** & P. B. Oliveira (2005). Seasonal and interannual variability of surface circulation in the Cape Verde region from 8 years of merged T/P and ERS-2 altimeter data. *Remote Sensing of Environment*, **98**: 45-62. (IF = 2.833; Citations = 25; Computers in Earth Science Q1)
40. Peliz, A., J. Dubert, A.M.P. **Santos**, P. B. Oliveira & B. Le Cann (2005). Winter upper ocean circulation in the Western Iberia Basin - Fronts, Eddies and Poleward Flows: an overview. *Deep-Sea Research I*, **52**: 621-646. (IF = 2.025; Citations = 186; Aquatic Sciences and Oceanography Q1)
41. **Santos**, A. M. P., A. Kazmin & A. Peliz (2005). Decadal changes in the Canary upwelling system as revealed by satellite observations, and their impact in the productivity. *Journal of Marine Research*, **63**(2): 359-379. (IF = 1.562; Citations = 106; Oceanography Q1)
42. Ribeiro A.C., A. Peliz & A.M.P. **Santos** (2005). A study of the response of chl-a biomass to a winter upwelling event off western Iberia using SeaWiFS and in situ data. *Journal of Marine Systems*, **53**: 87-107. (IF = 1.225; Citations = 49; Aquatic Sciences and Oceanography Q1)

43. Fernandes, M. J., C. Lázaro, A. M. P. **Santos** & P. B. Oliveira (2005). Oceanography characterisation of the Cape Verde region using multisensor data. *ESA SP*, **572**: 815-824. (Citations Google Scholar= 7)
44. Mason, E., A. M. P. **Santos** & A. Peliz (2005). Western iberia winter wind indices based on significant wind events. *Ocean Science Discussions*, **2**: 105-127. (Citations Google Scholar= 7)

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2. **Santos**, A.M.P. (1987). Morfogénese, Osteogénese e Organogénese dos Estados Larvares de *Dicentrarchus labrax* (Linné, 1758) e *Solea senegalensis* (Kaup, 1858) em condições controladas [Morphogenesis, Osteogenesis and Organogenesis of

Dicentrarchus labrax (Linné, 1758) and Solea senegalensis (Kaup, 1858) larvae under controlled conditions]. Degree Thesis, Fac. Sciences Univ. Lisbon, 113 pp.

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

Lisboa, 15 February 2021

A. Miguel Santos