CURRÍCULUM VÍTAE NORMALIZADO

Miguel Gil Coto

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GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA, INNOVACIÓN Y UNIVERSIDADES

FECYT INNOVACIÓN

Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

The current CV is focused mainly in physical oceanography with a strong multidisciplinary approach, bended towards observational techniques combined with inverse numerical methods and with incursions into direct numerical models. From my PhD Thesis (2004) and onwards, I have tried to bring together three main aims: to combine in an original way field observations and numerical methods, to seek multidisciplinary applications and to encompass processes at several oceanographic scales.

Regarding the postdoctoral experience, it has been based in observational techniques and direct numerical modeling, both oriented to coastal and estuarine processes. Two years working for the “Operational Ocean Current Forecasting for South Australian Waters”, under the supervision of Prof. Mathias Tomczak (Flinders University, 2006-8), signaled my way for using Oceanic Observing Systems and numerical models (COHERENS) in coastal contexts. I kept this route working with Prof. Ross Vennell (University of Otago, 2009) developing interpolation methods for ADCPs, with Prof. Arnoldo Valle-Levinson (University of Florida, 2010) and with Prof. Álvaro Peliz (Universidade de Lisboa, 2014) applying ROMS to ria-like artificial bathymetries.

The seed of the CV, without a doubt, has been the translation of the generalized inverse numerical methods used in oceanic oceanography to observations taken in estuaries. Thus, we did the first publication worldwide in which inverse techniques were introduced in box-models applied to estuaries. This improvement in box-models led to a significant increase in our understanding of the influence that coastal upwelling has in the residual circulation of the Rías Baixas. We could show that the coastal upwelling forces a three-dimensional structure in the residual circulation of the Ría de Vigo and we established, for the first time, that the coastal upwelling drives its influence through a barotropic bidirectional exchange-flow. In addition, the inverse methods were the cornerstone for the development of a new transformation, from radial components to 3D oceanographic components, of velocities registered by ADCPs.

The multidisciplinary character of this CV also comes from the combination, through inverse methods, of box-models with biogeochemical budgets. Several collaborative works on CO2 fluxes, larval dispersion, physical-biological coupling and cephalopod ecology have widen the multidisciplinary spectrum of the CV.

At oceanic scales, and again resorting to inverse methods in two concurrent PhD, theses we firstly improved the algorithms of water masses mixing and then we combined them with dynamical budgets. With them we managed to get a better description of the circulation in the Gibraltar-Açores region and to estimate CO2 inventories in the Southern Ocean and in the North-East Atlantic. During the supervision of another PhD thesis, we could tune multilinear and neural network interpolation algorithms applied to the carbon system in order to increase the quality of the oceanic carbon inventories.

The studies about coastal upwelling in Rías Baixas and the oceanic ones, being the latter more related to Global Change, were a good opportunity to join both processes: coastal upwelling and Global Change.

B.1. Breve descripción del Trabajo de Fin de Grado (TFG) y puntuación obtenida

B.2. Breve descripción del Trabajo de Fin de Máster (TFM) y puntuación obtenida

General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

43 articles + 1 Special Volume edited
33 articles in Q1, 1014 total cites (908 without self citations)
44.09 cites/year
H index=19
71 oral/poster communications/ (7 invited)

30 Research projects & contracts (8 as PI)
3 PhD. Theses, 9 MSc. Theses y 2 Final Degree Projects
3 years and 8 months in foreign centers (IFREMER, Flinders University, University of Florida, University of Otago, University of California, Universidade de Lisboa, EPFL)

4 research sexennial
4 productivity-CSIC quinquennium

Reviewer for Journal of Geophysicar Research; Esturarine, Continental and Shelf Science; Coastal Science Research; Ocean Modelling; Ciencias Marinas
Reviewer of Research Projects: University of California and Spanish Research Agency
Member of Scientific Comittees:
Workshop Oceanografía e Hidráulica Estadística y Computacional (2009)
XV Seminario Ibérico de Química Marina (2010)
III EOF (2014), IV EOF (2016), V EOF (2018), VI EOF (2021), VII EOF (2022)
MARTECH 2021
Leader of the Juan Carlos I Antartic Spanish Station (2004-5)
Scientific Leader of the CAIBOX Oceanographic Cruise (2009, B/O Sarmiento de Gamboa)
Scientific Leader of the FICARAM XVIII Oceanographic Cruise (2019, BIO Hesperides)
Head of the Oceanoloxia Research Group (IIM-CSIC, 2010, 1 year)
Secretary of the IIM Council (IIM-CSIC, 2010-2015, 5.3 years)
Head of the Department of Oceanography (IIM-CSIC, 2015-2018, 3.75 yearss)

Deputy Director IIM-CSIC (July/2018-June/2021, 3 years)
Ig Nobel 2023 in Physics laureate

Miguel Gil Coto

Surname(s): **Gil Coto**
Name: **Miguel**
ORCID: **0000-0003-3025-4258**
ScopusID: **6505982796**
ResearcherID: **B-4120-2015**
Gender: **Male**
Contact aut. region/reg.: **Galicia**
Email: **mgilcoto@iim.csic.es**

Current professional situation

Employing entity: Consejo Superior de Investigaciones Científicas
Department: Oceanografía, Instituto de Investigaciones Marinas
Professional category: Científico Titular
Start date: 16/09/2009
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 250000 - Earth and space sciences
Secondary (UNESCO code): 251000 - Oceanography
Tertiary (UNESCO code): 251007 - Physical oceanography
Performed tasks: Oceanografía Física, Dinámica estuárica, Sistemas de Afloramiento Costero, Tratamiento de Datos Oceanográficos, Sistemas de Observación Oceanográficos
Identify key words: Oceanography

Previous positions and activities

	Employing entity	Professional category	Start date
1	Instituto de Investigaciones Marinas	Investigador Postdoctoral "Isidro Parga Pondal"	01/02/2008
2	Flinders University	Research Associate	20/03/2006
3	Universidade de Vigo	Investigador Postdoctoral "Isidro Parga Pondal"	28/10/2005
4	Instituto de Investigaciones Marinas	Titulado Superior de Investigación y Laboratorio	01/02/2003
5	Instituto de Investigaciones Marinas	Becario I3P-Postgrado	01/02/2002
6	Instituto de Investigaciones Marinas	Titulado Medio de Investigación y Laboratorio	01/07/2000
7	Instituto de Investigaciones Marinas	Becario con cargo a proyecto	01/03/1997

1 **Employing entity:** Instituto de Investigaciones Marinas
City employing entity: Vigo, Galicia, Spain
Type of entity: State agency
Educational Management (Yes/No): No

Professional category: Investigador Postdoctoral "Isidro Parga Pondal"
Start-End date: 01/02/2008 - 15/09/2009 **Duration:** 1 year - 7 months - 15 days
Type of contract: Temporary employment contract

2 **Employing entity:** Flinders University
City employing entity: Adelaida, Australia
Professional category: Research Associate **Educational Management (Yes/No):** No
Start-End date: 20/03/2006 - 31/01/2008 **Duration:** 1 year - 10 months - 11 days
Type of contract: Temporary employment contract

3 **Employing entity:** Universidade de Vigo **Type of entity:** University
City employing entity: Vigo, Galicia, Spain
Professional category: Investigador Postdoctoral "Isidro Parga Pondal" **Educational Management (Yes/No):** No
Start-End date: 28/10/2005 - 19/03/2006 **Duration:** 4 months - 22 days
Type of contract: Temporary employment contract

4 **Employing entity:** Instituto de Investigaciones Marinas **Type of entity:** State agency
City employing entity: Vigo, Galicia, Spain
Professional category: Titulado Superior de Investigación y Laboratorio **Educational Management (Yes/No):** No
Start-End date: 01/02/2003 - 27/10/2005 **Duration:** 12 years - 9 months - 27 days
Type of contract: Temporary employment contract

5 **Employing entity:** Instituto de Investigaciones Marinas **Type of entity:** State agency
City employing entity: Vigo, Galicia, Spain
Professional category: Becario I3P-Postgrado **Educational Management (Yes/No):** No
Start-End date: 01/02/2002 - 31/01/2003 **Duration:** 1 year
Type of contract: Grant-assisted student (pre or post-doctoral, others)

6 **Employing entity:** Instituto de Investigaciones Marinas **Type of entity:** State agency
City employing entity: Vigo, Galicia, Spain
Professional category: Titulado Medio de Investigación y Laboratorio **Educational Management (Yes/No):** No
Start-End date: 01/07/2000 - 31/01/2002 **Duration:** 1 year - 7 months
Type of contract: Temporary employment contract

7 **Employing entity:** Instituto de Investigaciones Marinas **Type of entity:** State agency
City employing entity: Vigo, Galicia, Spain
Professional category: Becario con cargo a proyecto **Educational Management (Yes/No):** No
Start-End date: 01/03/1997 - 30/06/2000 **Duration:** 3 years - 4 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)

Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

University degree: Higher degree
Name of qualification: Licenciado en Ciencias del Mar Orientación Medio Ambiente y Contaminación Marina
Degree awarding entity: Universidade de Vigo **Type of entity:** University
Date of qualification: 19/07/1996

Doctorates

Doctorate programme: Oceanografía y Geología de Costas
Degree awarding entity: Universidade de Vigo **Type of entity:** University
Date of degree: 29/04/2004

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
French		A1			
Portuguese		A2	A1	A1	
Gallegan		C1	C1	C1	C1
English		C2	C1	C1	C1

Teaching experience

General teaching experience

1 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 26/10/2021 **End date:** 28/10/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

2 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 04/11/2020 **End date:** 04/11/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

3 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 15/01/2020 **End date:** 16/01/2020
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

4 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 18/12/2018 **End date:** 19/12/2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

5 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 06/11/2017 **End date:** 07/11/2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

6 **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Oceáno
Type of programme: Master's degree **Type of teaching:** In person theory

Type of subject: Obligatory
University degree: Máster en Oceanografía
Start date: 01/11/2016 **End date:** 30/11/2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

7 **Type of teaching:** Official teaching
Name of the course: Ecosistemas de Afloramiento
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Máster en Oceanografía
Start date: 01/09/2014 **End date:** 01/09/2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

8 **Type of teaching:** Official teaching
Name of the course: Ecosistemas de Afloramiento
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Máster en Oceanografía
Start date: 01/09/2013 **End date:** 01/09/2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

9 **Type of teaching:** Official teaching
Name of the course: Ecosistemas de Afloramiento
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Máster en Oceanografía
Start date: 20/07/2012 **End date:** 01/09/2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

10 **Type of teaching:** Official teaching
Name of the course: Ecosistemas de Afloramiento
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Máster en Oceanografía
Start date: 22/07/2011 **End date:** 01/09/2012

Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

11 **Type of teaching:** Official teaching
Name of the course: Ecosistemas de Afloramiento
Type of programme: Master's degree **Type of teaching:** In person theory
Type of subject: Optional
University degree: Máster en Oceanografía
Start date: 22/09/2010 **End date:** 22/09/2011
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,4
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias del Mar
City of entity: Vigo, Galicia, Spain

12 **Type of teaching:** Unofficial teaching
Name of the course: Visual Basic para Aplicaciones (VBA)
Type of programme: Formación
Start date: 03/05/2004 **End date:** 07/05/2004
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 35
Entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Faculty, institute or centre: Gabinete de Formación del CSIC
Department: Gabinete de Formación del CSIC
City of entity: Vigo, Galicia, Spain
Subject language: Spanish

13 **Type of teaching:** Official teaching
Name of the course: Oceanografía Física
Type of programme: Bachelor's degree **Type of teaching:** In person theory
Type of subject: Curso Puente
University degree: Ciencias del Mar
Start date: 01/11/2002 **End date:** 31/12/2002
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 45
Entity: Universidade de Vigo **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias
Department: Física Aplicada
City of entity: Vigo, Galicia, Spain
Subject language: Spanish

Experience supervising doctoral thesis and/or final year projects

1 **Project title:** Comparación y validación de diferentes configuraciones del modelo SWAN con datos instrumentales en la Ría de Vigo
Type of project: Master thesis
Co-director of thesis: Miguel Gil Coto; Nicolás Villacieros Robineau
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Helena Barreiro Fonta
Obtained qualification: 8.9
Date of reading: 27/07/2023

2 **Project title:** Study of biotic and abiotic factors in mussel dislogements in aquaculture rafts (Ría de Arousa)
Type of project: Master thesis
Co-director of thesis: José Manuel Fernández Babarro; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Evette Loreal Pérez
Obtained qualification: 9 (SB)
Date of reading: 27/07/2023

3 **Project title:** Effect of temperature and sediment disturbance on ecophysiological responses of the infaunal clam Polititapes rhomboides
Type of project: Master Thesis
Co-director of thesis: José Manuel Fernández Babarro; Miguel Gil Coto
Entity: Erasmus Mundus Joint Master Degree in AquaCulture, Environment and Society Plus, Université de Nantes
City of entity: Nantes, France
Student: Hugo Marques Feio
Obtained qualification: 8.5
Date of reading: 30/08/2021

4 **Project title:** Eastern Boundary Upwelling Systems under Climate Change
Type of project: Master thesis
Co-director of thesis: María Dolores Pérez Hernández; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Miguel Ángel Gutiérrez Guerra
Obtained qualification: 9.4 (SB)
Date of reading: 27/07/2021

5 **Project title:** Caracterización de eventos de llegada de agua fluvial desde la plataforma a las Rías Baixas
Type of project: Master thesis
Co-director of thesis: Miguel Gil Coto; Silvia Piedracoba Varlea
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Adrián Martínez Fernández
Obtained qualification: 9.6 (MH)
Date of reading: 20/12/2019

6 **Project title:** Relación entre condiciones ambientales y presencia de capas finas de fitoplancton en las Rías Baixas
Type of project: Master thesis
Co-director of thesis: Beatriz Mouriño Carballido; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Marta López Mozos
Obtained qualification: 9.8
Date of reading: 24/07/2019

7 **Project title:** Características del máximo de fluorescencia en las rías de Pontevedra y Vigo en Julio de 2018
Type of project: Trabajo Fin de Grado
Co-director of thesis: Beatriz Mouriño Carballido; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
Student: Sandra Villar Herbello
Obtained qualification: 8.4
Date of reading: 24/07/2019

8 **Project title:** Validación de las corrientes superficiales oceánicas medidas con Radar HF en la Ría de Vigo usando boyas lagrangianas
Type of project: Trabajo Fin de Máster
Co-director of thesis: Silvia Piedracoba Varela; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
Student: Juan José Terry Guillén
Obtained qualification: 9.0
Date of reading: 23/07/2018

9 **Project title:** Relación entre condiciones ambientales y presencia de capas finas de fitoplancton en las Rías Baixas
Type of project: Trabajo Fin de Grado
Co-director of thesis: Beatriz Mouriño Carballido; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
Student: Marta López Mozos
Obtained qualification: Matrícula de Honor
Date of reading: 18/06/2018

10 **Project title:** Detección de capas finas de fitoplanctón en la Ría de Pontevedra durante el período 2012-2015
Type of project: Trabajo Fin de Máster
Co-director of thesis: Beatríz Mouriño Carballido; Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Víctor Pelayo Espinosa
Obtained qualification: 7.0
Date of reading: 20/12/2016

11 **Project title:** Optimización de Métodos Numéricos en la Determinación de la Acidificación en los Océanos
Type of project: Doctoral thesis
Co-director of thesis: Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain

Student: Antón L. Velo Lanchas
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 14/11/2014

12 **Project title:** Influencia de la Marea y el Viento Local y Remoto en la Circulación en la Boca Sur de la Ría de Vigo (Noroeste de la Península Ibérica)
Type of project: Trabajo Fin de Máster
Co-director of thesis: Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Olav Safo Piñeiro Rodríguez
Obtained qualification: 8.5
Date of reading: 23/07/2014

13 **Project title:** Subtropical North-East Atlantic Water Masses and Transports: Broadening the knowledge of the overturning circulation in the Azores-Gibraltar region
Type of project: Doctoral thesis
Co-director of thesis: Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Lidia Isabel Carracedo Segade
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 11/07/2013
European doctorate: Yes
Quality recognition: No

14 **Project title:** El CO2 Antrópico en el Océano Austral
Type of project: Doctoral thesis
Co-director of thesis: Miguel Gil Coto
Entity: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Student: Paula Conde Pardo
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 25/06/2013

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

1 **Name of the project:** HF-EOLUS: HF Radar para la evaluación del recurso eólico
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Ramiro Varela Benvenuto
Nº of researchers: 5
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Ministerio

Type of participation: Team member
Name of the programme: Proyectos I+D Transición Ecológica y Transición Digital 2021. Programa Estatal para Impulsar la Investigación Científico-Técnica y su Transferencia
Code according to the funding entity: TED2021-129551B-I00
Start-End date: 01/12/2022 - 30/11/2024 **Duration:** 2 years
Participating entity/entities: Instituto de Investigaciones Marinas (IIM-CSIC); Universidade de Aveiro; Universidade de Vigo
Total amount: 113.850 €
Dedication regime: Part time

2 **Name of the project:** REDEIRA: Investigación, desarrollo e innovación de una red de observación costera: Ría de Arousa
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Xosé Antonio Padín Álvarez; Antonio Luciano Velo Lancas
Nº of researchers: 10
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Ministerio

Type of participation: Team member
Name of the programme: Proyectos I+D Transición Ecológica y Transición Digital 2021. Programa Estatal para Impulsar la Investigación Científico-Técnica y su Transferencia
Code according to the funding entity: TED2021-132188B-I00
Start-End date: 01/12/2022 - 30/11/2024 **Duration:** 2 years
Participating entity/entities: Instituto de Ciencias del Mar de Andalucia (ICMAN-CSIC); Instituto de Investigaciones Marinas (IIM-CSIC)
Total amount: 244.950 €

Dedication regime: Part time

3 **Name of the project:** Axudas para a consolidación e estructuración de unidades de investigación competitivas, Grupos de Referencia Competitiva
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Regional
Degree of contribution: Researcher
Entity where project took place: IIM-CSIC **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Carmen González Castro
Nº of researchers: 8
Funding entity or bodies:
XUNTA DE GALICIA
City funding entity: Spain

Type of participation: Team member
Name of the programme: Axudas para a consolidación e estructuración de unidades de investigación competitivas, Grupos de Referencia Competitiva
Code according to the funding entity: IN607A2021/04
Start-End date: 16/02/2021 - 30/11/2024 **Duration:** 4 years
Total amount: 280.000 €

4 **Name of the project:** STRAUSS: Efectos del oleaje en el Sistema de Afloramiento de la Rías Baixas: dinámica superficial en casos de estudio biológicos específicos
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Miguel Gil Coto; José Manuel Fernández Babarro
Nº of researchers: 8
Funding entity or bodies:
Ministerio de Ciencia, Innovación y Universidades **Type of entity:** State agency

Type of participation: Principal investigator
Name of the programme: Proyectos de Investigación I+D+i Orientada a los Retos de la Sociedad
Code according to the funding entity: PID2019-106008RB-C21
Start-End date: 01/07/2020 - 28/02/2024 **Duration:** 3 years
Participating entity/entities: CONSELLO REGULADOR DO PRODUCTO GALEGO DE CALIDADE MEXILLON DE GALICIA; Centro de Investigacións Mariñas de Corón ; Consejo Superior de Investigaciones Científicas; DFO Canada; Dalhousie University; FUNDACION CETMAR - CENTRO TECNOLOGICO DEL MAR; Meteogalicia; Plymouth Marine Laboratory; The BDRI; Universidade de Vigo; Universite de Quebec; University of California Davis; University of Washington
Total amount: 267.410 € **Sub-project amount:** 267.410 €
Dedication regime: Full time

5 **Name of the project:** ATLAZUL: Impulso de la alianza litoral atlántica para el crecimiento azul
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: IIM-CSIC **Type of entity:** Public Research Body
City of entity: Vigo,

Name principal investigator (PI, Co-PI....): Francisco Saborido Rey
Nº of researchers: 9
Funding entity or bodies:
EU-Interreg V A España-Portugal (POCTEP)
City funding entity: EU

Type of participation: Team member
Name of the programme: INTERREG V (POCTEP)
Code according to the funding entity: 0755_ATLAZUL_6_E
Start-End date: 01/07/2020 - 30/09/2023 **Duration:** 3 years
Total amount: 525.003,18 €
Dedication regime: Part time

6 **Name of the project:** COMFORT: Our common future ocean in the Earth system – quantifying coupled cycles of carbon, oxygen, and nutrients for determining and achieving safe operating spaces with respect to tipping points (COMFORT)
Geographical area: European Union
Degree of contribution: Researcher
Entity where project took place: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Isabel Emma Huertas Cabilla; Fiz Fernández Pérez; Miguel Gil Coto
Nº of researchers: 3
Type of participation: Team member
Name of the programme: H2020-CLIMA/0514
Code according to the funding entity: 820989
Start-End date: 01/09/2019 - 31/08/2023
Total amount: 110.926 €
Dedication regime: Part time

7 **Name of the project:** RADAR ON RAIA: Radares en el observatorio RAIA
Geographical area: European Union
Entity where project took place: IIM-CSIC
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Nº of researchers: 1
Funding entity or bodies:
EU-Interreg

Type of participation: Principal investigator
Name of the programme: INTERREG V (POCTEP)
Code according to the funding entity: 0461_RADAR_ON_RAIA_1_E
Start-End date: 01/01/2018 - 31/12/2021
Total amount: 95.197 €
Dedication regime: Part time

8 **Name of the project:** REMEDIOS: La importancia de los procesos de mezcla en el inicio, mantenimiento y declive de las floraciones de fitoplancton en las rías gallegas (REMEDIOS)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Universidade de Vigo **Type of entity:** University
City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Beatriz Mouriño Carballido
Nº of researchers: 4
Funding entity or bodies:
Ministerio de Economía y Competitividad
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member
Name of the programme: Programs Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad
Code according to the funding entity: CTM2016-75451-C2-1-R
Start-End date: 01/01/2017 - 31/12/2019 **Duration:** 3 years
Participating entity/entities: IIM-CSIC; Universidade de Vigo
Total amount: 168.000 €
Dedication regime: Part time

9 **Name of the project:** Axudas para a consolidación e estructuración de unidades de investigación competitivas, Grupos de Referencia Competitiva
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Regional
Degree of contribution: Managing coordinator
Entity where project took place: IIM-CSIC **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Nº of researchers: 8
Funding entity or bodies:
XUNTA DE GALICIA
City funding entity: Spain

Type of participation: Principal investigator
Name of the programme: Axudas para a consolidación e estructuración de unidades de investigación competitivas, Grupos de Referencia Competitiva
Code according to the funding entity: IN607A 2016/11
Start-End date: 01/01/2016 - 31/12/2019 **Duration:** 4 years
Sub-project amount: 160.000 €

10 **Name of the project:** Demografía y relaciones tróficas de larvas de calamar en un área oceanográfica de afloramiento: hacia una aproximación ecosistémica para la gestión de este recurso (CALECO)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: IIM-CSIC **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Ángel Francisco González González
Nº of researchers: 6
Funding entity or bodies:
Ministerio de Economía y Competitividad
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member
Name of the programme: Programs Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad
Code according to the funding entity: CTM2015-69519-R
Start-End date: 01/01/2016 - 31/12/2018 **Duration:** 3 years

Participating entity/entities: IIM-CSIC; IPMA (Portugal); La Trobe Institute for Molecular Science (Australia); Universidad de Aberdeen
Total amount: 199.650 €
Dedication regime: Part time

11 **Name of the project:** Estratificación y mezcla en un estuario forzado por afloramiento costero (STRAMIX)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Nº of researchers: 5
Funding entity or bodies:
Ministerio de Economía y Competitividad **Type of entity:** Organismo Público
City funding entity: Madrid, Spain

Type of participation: Principal investigator
Name of the programme: Proyectos de Investigación Fundamental no Orientada
Code according to the funding entity: CTM2012-35155
Start-End date: 01/01/2013 - 31/12/2015 **Duration:** 3 years
Participating entity/entities: AUTORIDAD PORTUARIA DE VIGO MOPT; Consejo Superior de Investigaciones Científicas; Plymouth Marine Laboratory; Universidade de Vigo; University of California Davis
Total amount: 105.000 € **Sub-project amount:** 105.000 €
Dedication regime: Full time

12 **Name of the project:** Changes in carbon uptake and emissions by oceans in a changing climate (CARBOCHANGE)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Aida Fernández Ríos
Nº of researchers: 50
Type of participation: Team member
Name of the programme: Seventh Framework Programme Colaborative Project
Code according to the funding entity: 264879
Start-End date: 01/01/2011 - 28/02/2015
Dedication regime: Part time

13 **Name of the project:** CArbon Transport and Acidification Rates In the North Atlantic (CATARINA)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Aida Fernández Ríos

Nº of researchers: 14
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Organismo Público
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member
Code according to the funding entity: CTM2010-17141
Start-End date: 01/01/2011 - 31/12/2013 **Duration:** 3 years
Total amount: 356.950 € **Sub-project amount:** 356.950 €
Dedication regime: Part time

14 **Name of the project:** Medidas lagrangianas de corrientes en la Ría de Vigo y plataforma adyacente
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Nº of researchers: 1
Funding entity or bodies:
Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Principal investigator
Name of the programme: Proyecto Intramural Incorporación
Code according to the funding entity: 200930I094
Start-End date: 01/01/2010 - 31/12/2010 **Duration:** 1 year
Total amount: 30.000 € **Sub-project amount:** 30.000 €
Dedication regime: Part time

15 **Name of the project:** Deseño integral dunha plataforma loxística de observación mariña dos cambios e impactos ambientais
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** Regional
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Aida Fernández Rios
Nº of researchers: 3
Type of participation: Team member
Name of the programme: INCITE
Code according to the funding entity: 08MMA014402PR
Start-End date: 01/01/2008 - 31/12/2010 **Duration:** 3 years
Dedication regime: Part time

16 **Name of the project:** Intercambio plataforma-océano en el Ecosistema Marino de las Ilas Canarias-Península Ibérica (CAIBEX)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher

Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Eric Desmond Barton
Nº of researchers: 19
Funding entity or bodies:
Ministerio de Ciencia e Innovación **Type of entity:** Organismo Público
City funding entity: Madrid, Community of Madrid, Spain

Type of participation: Team member
Code according to the funding entity: CTM2007-66408-C02-01
Start-End date: 01/01/2007 - 31/12/2009 **Duration:** 3 years
Dedication regime: Part time

17 **Name of the project:** Operational Ocean Current Forecasting for South Australian Waters
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Non EU International
Degree of contribution: Researcher
Entity where project took place: University of Flinders **Type of entity:** University
City of entity: Adelaide, Australia
Name principal investigator (PI, Co-PI....): Matthias Tomczak
Funding entity or bodies:
University of Flinders **Type of entity:** University
City funding entity: Adelaide, Australia

South Australian Development and Research Institute (SARDI) **Type of entity:** Public Research Body
City funding entity: Adelaide, Australia

Premier´s Science and Research Fund **Type of entity:** Organismo Publico de SA
City funding entity: Adelaide, Australia

Type of participation: Team member
Start-End date: 01/01/2006 - 31/12/2008
Participating entity/entities: Bureau of Meteorology; SARDI; South Australian Partnership for Advanced Computing; University of Flinders
Dedication regime: Full time

18 **Name of the project:** Evaluación de las relaciones entre los recursos del pulpo y las condiciones climáticas en las aguas de Galicia (PULPOCEAN)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Technician
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Ángel Francisco Gónzalez Gónzalez
Nº of researchers: 3
Funding entity or bodies:
Ministerio de Ciencia y Tecnología
City funding entity: Spain

Type of participation: Team member

Code according to the funding entity: REN2002-02111/MAR
Start-End date: 01/11/2002 - 01/10/2005
Participating entity/entities: Consejo Superior de Investigaciones Científicas
Dedication regime: Part time

19 **Name of the project:** Reconocimiento oceanográfico en la época de proliferación primaveral en Galicia y Cantabria
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Technician
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Xosé Antón Álvarez Salgado
Funding entity or bodies:
Ministerio de Ciencia y Tecnología
City funding entity: Spain

Name of the programme: Acción Especial Urgente. Plan de Intervención Científica sobre el vertido y hundimiento del buque Prestrige
Start-End date: 01/04/2003 - 31/12/2003
Participating entity/entities: AZTI Tecnalia; IEO; IIM-CSIC; IIQAB-CSIC
Dedication regime: Part time

20 **Name of the project:** Reactividad de la Materia Orgánica Disuelta en un Sistema de Afloramiento (REMODA)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Xosé Antón Álvarez Salgado
Funding entity or bodies:
Ministerio de Ciencia y Tecnología
City funding entity: Spain

Code according to the funding entity: REN–2000-0800–C02–01
Start-End date: 28/12/2000 - 27/12/2003
Dedication regime: Part time

21 **Name of the project:** Flujos de Intercambio aire mar en una sección meridional en el océano Atlántico (FICARAM)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Aida Fernández Rios
Nº of researchers: 2
Funding entity or bodies:
Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público

City funding entity: Madrid, Community of Madrid, Spain

Code according to the funding entity: REN2000-2467-E
Start-End date: 01/10/2000 - 31/12/2002
Participating entity/entities: Consejo Superior de Investigaciones Científicas
Dedication regime: Part time

22 **Name of the project:** Dinámica y Biogeoquímica anual de la Plataforma Gallega: variación de corta escala (DYBAGA)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Fiz Fernández Pérez
Funding entity or bodies:
Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público
City funding entity: Madrid, Community of Madrid, Spain

Code according to the funding entity: MAR99–1039–C02–01
Start-End date: 01/01/2000 - 31/12/2002
Total amount: 5.250.000 €
Dedication regime: Part time

23 **Name of the project:** Ocean margin exchange II, phase II (OMEX II–II)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** European Union
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Francisco Gómez Figueiras
Nº of researchers: 50
Funding entity or bodies:
European Union

Name of the programme: IV Programa Marco (MAST3)
Code according to the funding entity: MAS3–CT97–0076
Start-End date: 01/06/1997 - 30/11/2001
Dedication regime: Part time

24 **Name of the project:** Ordenación Integral del espacio marítimo-terrestre de Galicia, subprograma: Dinámica y variabilidad termohalina
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Regional
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Fiz Fernández Pérez
Nº of researchers: 25
Funding entity or bodies:

EUGA **Type of entity:** Foundation
City funding entity: Santiago de Compostela, Galicia, Spain

Start-End date: 01/01/1996 - 31/12/1999 **Duration:** 4 years
Dedication regime: Part time

25 **Name of the project:** Canary Islands, Gibraltar and Azores observation (CANIGO)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** European Union
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Fiz Fernández Pérez
Nº of researchers: 50
Funding entity or bodies:
European Union

Name of the programme: IV Programa Marco de la UE (MAST-3)
Code according to the funding entity: MAS3–CT96–0060
Start-End date: 01/06/1996 - 01/06/1999
Dedication regime: Part time

26 **Name of the project:** Construccion y validacion de un modelo de circulación en la ría de Vigo y su aplicación a la descripcion de los mecanismos forzadores y a los ciclos biogeoquimicos
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Fiz Fernández Pérez
Nº of researchers: 4
Funding entity or bodies:
Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público
City funding entity: Madrid, Community of Madrid, Spain

Code according to the funding entity: AMB 95 1084–CO3–03
Start-End date: 01/12/1995 - 01/12/1998 **Duration:** 3 years
Participating entity/entities: Consejo Superior de Investigaciones Científicas; Instituto Español de Oceanografía; Universidade de Vigo
Dedication regime: Part time

27 **Name of the project:** Procesos de intercambio entre la plataforma y las Rías Bajas Gallegas: variabilidad temporal de corto término
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Current university student
Entity where project took place: Instituto de Investigaciones Marinas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Francisco Gómez Figueiras
Nº of researchers: 17

Funding entity or bodies:
Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Organismo Público
City funding entity: Madrid, Community of Madrid, Spain

Code according to the funding entity: MAR95–1901–C03–01
Start-End date: 01/12/1995 - 01/12/1998 **Duration:** 3 years
Participating entity/entities: Consejo Superior de Investigaciones Científicas; Instituto Español de Oceanografía; Universidade de Vigo
Total amount: 4.213.000 €
Dedication regime: Part time

R&D non-competitive contracts, agreements or projects with public or private entities

1 **Name of the project:** Plan de Recuperación, Transformación y Resiliencia. OCEANS+ Ciencias oceánicas en el desarrollo de las estrategias marinas+ herramientas de gestión. Eje 3 Modelización de impactos de cambio climático - IIM (ESM2023-03-002)
Type of project: Basic research (including archaeological digs, etc) **Entity where project took place:** Ministerio para Transición Ecologíca y el Reto Demográfico
Degree of contribution: Subproject IP
Entity where project took place: Ministerio para Transición Ecologíca y el Reto Demográfico
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Funding entity or bodies:
Ministerio para Transición Ecologíca y el Reto Demográfico
City funding entity: Madrid, Spain

Start date: 01/01/2023 **Duration:** 3 years
Total amount: 158.686 €

2 **Name of the project:** Plan complementario de I+D+i- Plan de Recuperación, Transformación y Resiliencia - Ciencias Marinas - Galicia. Modelo bio-físico numérico de dispersión larval de moluscos bivalvos nas augas galegas (ACAM 2022020038)
Type of project: Basic research (including archaeological digs, etc) **Entity where project took place:** IIM-CSIC
Degree of contribution: Subproject IP
Entity where project took place: IIM-CSIC **Type of entity:** Public Research Body
Name principal investigator (PI, Co-PI....): Miguel Gil Coto
Funding entity or bodies:
Xunta de Galicia

Start date: 01/10/2022 **Duration:** 2 years - 11 months
Total amount: 92.000 €

3 **Name of the project:** Protocolo de seguimiento de bancos de ameixa rubia (Venerupis rhomboides) na Ría de Vigo
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Fernando Febrero Mayor; María del Carmen López Gómez; Luís Manuel Rodríguez González; Susana Darriba Couñago; Pedro Montero Villar; Nicolás Villacieros Robineau; Miguel Gil Coto
Nº of researchers: 5
Participating entity/entities: Centro de Investigacións Mariñas de Corón ; Instituto Tecnolóxico para o Control do Medio Mariño de Galicia ; Instituto de Investigaciones Marinas ; Xefatura Territorial de Vigo, Consellería do Mar
Funding entity or bodies:

Centro de Investigacións Mariñas (CIMA)

Type of entity: R&D Centre

Name of the programme: Accións de Investigación
Code according to the funding entity: 501
Start date: 01/07/2019
Duration: 2 years - 5 months
Total amount: 47.090 €

Scientific and technological activities

Scientific production

H index: 19
Date of application: 11/09/2023
Fuente de Indice H: WOS

Publications, scientific and technical documents

1 Bieito Fernández Castro; Marian Peña; Enrique Nogueira García; Miguel Gil Coto; Esperanza Broullón; Antonio Comesaña; Damien Bouffard; Alberto C. Naveira Garabato; Beatriz Mouriño Carballido. Intense upper ocean mixing due to large aggregations of spawning fish. Nature Geoscience. 15, pp. 287 - 292. Springer Nature, 07/04/2022. Available on-line at: <https://www.nature.com/articles/s41561-022-00916-3>.

DOI: 10.1038/s41561-022-00916-3
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9
Corresponding author: No
Impact source: ISI
Category: GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 16.908
Journal in the top 25%: Yes
Position of publication: 1
No. of journals in the cat.: 200
Relevant publication: Yes

2 Elisabet R. Cruz; Rita Nolasco; Xosé A. Padín Álvarez; Miguel Gil Coto; José M. Fernández Babarro; Jesús Dubert; Fiz Fernández Pérez. A high-resolution modeling study of the circulation patterns at a coastal embayment: Ría de Pontevedra (NW Spain) under upwelling and downwelling conditions. Frontiers in Marine Science. 8 - 661250, Frontiers, 2021.

DOI: 10.3389/fmars.2021.661250
Type of production: Scientific paper
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 7
Corresponding author: No
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 4.912
Journal in the top 25%: Yes
Position of publication: 6
No. of journals in the cat.: 110
Relevant publication: Yes

3 Marcos Morente Fontela; Antón L. Velo Lanchas; Miguel Gil Coto; Fiz Fernández Pérez. Anthropogenic CO2 and ocean acidification in Argentine Basin Water Masses over almost five decades of observations. Science of The Total Environment. 779 - 146570, Elsevier, 2021. ISSN 0048-9697

DOI: 10.1016/j.scitotenv.2021.146570
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: ENVIRONMENTAL SCIENCES
Impact index in year of publication: 7.963
Journal in the top 25%: Yes
Position of publication: 25
No. of journals in the cat.: 274
Relevant publication: Yes

4 Nicolás Villacieros Robieneau; Miguel Gil Coto; Paula Conde Pardo; Eric Desmond Barton. Wave regime and wave-current coupling in an upwelling-driven bay: seasonal and inter-annual variability. Journal of Geophysical Research-Oceans. Aceptado, AGU, 2021.
DOI: 10.1029/2021JC017540
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 3.405
Journal in the top 25%: Yes
Position of publication: 14
No. of journals in the cat.: 64
Relevant publication: Yes

5 B. Fernández-Castro; M. Gilcoto; A. C. Naveira-Garabato; M. Villamaña; R. Graña; B. Mouriño-Carballido. Modulation of the Semidiurnal Cycle of Turbulent Dissipation by Wind-Driven Upwelling in a Coastal Embayment. Journal of Geophysical Research-Oceans. 123 - C06, pp. 4034 - 4054. 2018. ISSN 2169-9275
DOI: 10.1002/2017JC013582
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 3.235
Journal in the top 25%: Yes
Position of publication: 9
No. of journals in the cat.: 67
Source of citations: WOS
Citations: 9
Relevant publication: Yes

6 M. Gilcoto; J. L. Largier; E. D. Barton; S. Piedracoba; R. Torres; R. Graña; F. Alonso Pérez; N. Villacieros-Robineau; F. de la Granda. Rapid response to coastal upwelling in a semienclosed bay. Geophysical Research Letters. 44 - 5, pp. (2388 - 2397). 2017. ISSN 1944-8007
DOI: 10.1002/2016GL072416
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 9
Corresponding author: Yes
Impact source: ISI
Category: GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 4.578
Journal in the top 25%: Yes
Position of publication: 14
No. of journals in the cat.: 196
Source of citations: WOS
Citations: 13

Relevant publication: Yes

7 Otero J.; Álvarez-Salgado X.A.; González A.F.; Souto C.; Gilcoto M.; Guerra A.. Wind-driven upwelling effects on cephalopod paralarvae: Octopus vulgaris and Loliginidae off the Galician coast (NE Atlantic). PROGRESS IN OCEANOGRAPHY. 141, pp. 130 - 143. 02/2016. ISSN 0079-6611

DOI: 10.1016/j.pocean.2015.12.008

Type of production: Scientific paper
Format: Journal
Position of signature: 5
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 3.391
Journal in the top 25%: Yes
Position of publication: 4
No. of journals in the cat.: 63
Source of citations: WOS
Citations: 13
Relevant publication: Yes

8 Lidia Isabel Carracedo Segade; Miguel Gil Coto; Herlé Mercier; Fiz Fernández Pérez. Quasi-synoptic transport, budgets and water mass transformation in the Azores-Gibraltar Strait region during summer 2009. PROGRESS IN OCEANOGRAPHY. 130, pp. 47 - 64. 01/2015. ISSN 0079-6611

DOI: 10.1016/j.pocean.2014.09.006

Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 3.512
Journal in the top 25%: Yes
Position of publication: 5
No. of journals in the cat.: 61
Source of citations: WOS
Citations: 9
Relevant publication: Yes

9 Lidia Isabel Carracedo Segade; Miguel Gil Coto; Herlé Mercier; Fiz Fernández Pérez. Seasonal dynamics in the Azores-Gibraltar Strait region: A climatologically-based study. PROGRESS IN OCEANOGRAPHY. 122, pp. 116 - 130. 03/2014. ISSN 0079-6611

DOI: 10.1016/j.pocean.2013.12.005

Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 3.025
Journal in the top 25%: Yes
Position of publication: 5
No. of journals in the cat.: 61
Source of citations: WOS
Citations: 17
Relevant publication: Yes

10 Antón Luciano Velo Lanchas; Fiz Fernández Pérez; Tanhua, T.; Miguel Gil Coto; Aida Fernández Ríos; Key, R. M.. Total alkalinity estimation using MLR and neural network techniques. JOURNAL OF MARINE SYSTEMS. 111, pp. 11 - 18. 02/2013. ISSN 0924-7963

DOI: 10.1016/j.jmarsys.2012.09.002

Type of production: Scientific paper
Format: Journal

Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 2.476
Journal in the top 25%: Yes
Position of publication: 20
No. of journals in the cat.: 103
Source of citations: WOS
Citations: 27
Relevant publication: Yes

11 Pardo, Paula C.; Perez, Fiz F.; Velo, Anton; Gilcoto, Miguel. Water masses distribution in the Southern Ocean: Improvement of an extended OMP (eOMP) analysis. PROGRESS IN OCEANOGRAPHY. 103, pp. 92 - 105. 09/2012. ISSN 0079-6611
DOI: 10.1016/j.pocean.2012.06.002
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 3.708
Journal in the top 25%: Yes
Position of publication: 4
No. of journals in the cat.: 60
Source of citations: WOS
Citations: 23
Relevant publication: Yes

12 Perez, Fiz F.; Padin, Xose A.; Pazos, Yolanda; Gilcoto, Miguel; Cabanas, Manuel; Pardo, Paula C.; Dolores Doval, Ma; Farina-Busto, Luis. Plankton response to weakening of the Iberian coastal upwelling. GLOBAL CHANGE BIOLOGY. 16 - 4, pp. 1258 - 1267. 04/2010. ISSN 1354-1013
DOI: 10.1111/j.1365-2486.2009.02125.x
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: ENVIRONMENTAL SCIENCES
Impact index in year of publication: 6.346
Journal in the top 25%: Yes
Position of publication: 3
No. of journals in the cat.: 193
Source of citations: WOS
Citations: 86
Relevant publication: Yes

13 Gilcoto, M.; Jones, Emlyn; Farina-Busto, Luis. Robust Estimations of Current Velocities with Four-Beam Broadband ADCPs. JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY. 26 - 12, pp. 2642 - 2654. 12/2009. ISSN 0739-0572
DOI: 10.1175/2009JTECHO674.1
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 3
Corresponding author: Yes
Impact source: ISI
Category: ENGINEERING, OCEAN
Impact index in year of publication: 1.588
Journal in the top 25%: Yes
Position of publication: 2
No. of journals in the cat.: 15

Source of citations: WOS
Citations: 11

Relevant publication: Yes

14 Gilcoto, Miguel; Pardo, Paula C.; Alvarez-Salgado, X. A.; Perez, Fiz F.. Exchange fluxes between the Ria de Vigo and the shelf: A bidirectional flow forced by remote wind. JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS. 112 - C6, 01/06/2007. ISSN 0148-0227

DOI: 10.1029/2005JC003140
Type of production: Scientific paper
Format: Journal
Position of signature: 1
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: Yes
Impact source: ISI
Category: GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 2.953
Journal in the top 25%: Yes
Position of publication: 12
No. of journals in the cat.: 137
Source of citations: WOS
Citations: 26

Relevant publication: Yes

15 Souto, C; Gilcoto, M; Farina-Busto, L; Perez, FF. Modeling the residual circulation of a coastal embayment affected by wind-driven upwelling: Circulation of the Ria de Vigo (NW Spain). JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS. 108 - C11, 05/11/2003. ISSN 0148-0227

DOI: 10.1029/2002JC001512
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 2.992
Journal in the top 25%: Yes
Position of publication: 7
No. of journals in the cat.: 128
Source of citations: WOS
Citations: 60

Relevant publication: Yes

16 Perez, FF; Gilcoto, M; Rios, AF. Large and mesoscale variability of the water masses and the deep chlorophyll maximum in the Azores Front. JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS. 108 - C7, 08/07/2003. ISSN 0148-0227

DOI: 10.1029/2000JC000360
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Total no. authors: 3
Impact source: ISI
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 2.992
Journal in the top 25%: Yes
Position of publication: 7
No. of journals in the cat.: 128
Source of citations: WOS
Citations: 26

Relevant publication: Yes

17 Gilcoto, M; Alvarez-Salgado, XA; Perez, FF. Computing optimum estuarine residual fluxes with a multiparameter inverse method (OERFIM): application to the Ria de Vigo (NW Spain). JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS. 106 - C12, pp. 31303 - 31318. 15/12/2001. ISSN 0148-0227

DOI: 10.1029/2000JC000665

Type of production: Scientific paper
Format: Journal
Position of signature: 1
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 3
Corresponding author: Yes
Impact source: ISI
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 10.1029/2000JC000665
Journal in the top 25%: Yes
Position of publication: 8
No. of journals in the cat.: 117
Source of citations: WOS
Citations: 35
Relevant publication: Yes

18 Alvarez-Salgado, XA; Gago, J; Miguez, BM; Gilcoto, M; Perez, FF. Surface waters of the NW Iberian margin: Upwelling on the shelf versus outwelling of upwelled waters from the Rias Baixas. ESTUARINE COASTAL AND SHELF SCIENCE. 51 - 6, pp. 821 - 837. 12/2000. ISSN 0272-7714

DOI: 10.1006/ecss.2000.0714

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 1.096
Journal in the top 25%: No
Position of publication: 14
No. of journals in the cat.: 38
Source of citations: WOS
Citations: 133
Relevant publication: Yes

19 Hugo Herrera Cervantes; Guillermo Gutiérrez de Velasco; Oleg Zaytsev; Eric Desmond Barton; Miguel Gil Coto. Anomalous thermal and winds conditions drove low surface chlorophyll-a in La Paz Bay during the 2015-2016 El Niño event. Estuarine, Coastal and Shelf Science. 284 - 108280, pp. 1 - 12. Elsevier, 27/02/2023.

DOI: 10.1016/j.ecss.2023.108280

Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Corresponding author: No

20 Esperanza Broullón Mandado; Peter J.S. Franks; Bieito Fernández Castro; Miguel Gil Coto; Antonio Fuentes Lema; María Pérez Lorenzo; Emilio Fernández Suárez; Beatriz Mouriño Carballido. Rapid phytoplankton response to wind forcing influences productivity in upwelling bays. Limnology and Oceanography Letters. 8 - 3, pp. 529 - 537. ASLO, 2023.

DOI: 10.1002/lol2.10309

Type of production: Scientific paper
Position of signature: 4
Total no. authors: 8
Corresponding author: No

21 Marina Villamaña; Peter J.S. Franks; Bieito Fernández Castro; Miguel Gil Coto; Emilio Marañón; Beatriz Mouriño Carballido. A Pseudo-Lagrangian Transformation to Study a Chlorophyll-a Patch in the Ría de Vigo (NW Iberian Peninsula). Journal of Geophysical Research-Oceans. 126(C10) - e2021JC017455, AGU, 2021.

DOI: 10.1029/2021JC017455
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 3.405
Journal in the top 25%: Yes
Position of publication: 14
No. of journals in the cat.: 64

22 Katharina Leeb; David Villegas Ríos; Gonzalo Mucientes Sandoval; Manuel Enrique García Blanco; Miguel Gil Coto; Alexandre Alonso Fernández. Drivers of spatial behaviour of the endangered undulate skate, Raja undulata. Aquatic Conservation: Marine and Freshwater Ecosystems. Aceptado, 2021.
DOI: 10.1002/aqc.3714
Type of production: Scientific paper
Format: Journal
Position of signature: 5
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 2.771
Journal in the top 25%: Yes
Position of publication: 26
No. of journals in the cat.: 110

23 Antonio Comesaña; Bieito Fernández Castro; Paloma Chouciño; Emilio Fernández Súarez; Antonio Fuentes Lema; Miguel Gil Coto; María Pérez Lorenzo; Beatriz Mouriño Carballido. Mixing and Phytoplankton Growth in an Upwelling System. Frontiers in Marine Science. 8 - 712342, 2021.
DOI: 10.3389/fmars.2021.712342
Type of production: Scientific paper
Format: Journal
Position of signature: 6
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8
Corresponding author: No
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 4.912
Journal in the top 25%: Yes
Position of publication: 6
No. of journals in the cat.: 110

24 Esperanza Broullón Mandado; Marta López Mozos; Beatriz Reguera Ramírez; Paloma Chouciño Vilela; María Dolores Doval González; B. Fernández-Castro; M. Gilcoto; Enrique Nogueira García; Carlos Souto Torres; B. Mouriño-Carballido. Thin layers of phytoplankton and harmful algae events in a coastal upwelling system. Progress in Oceanography. 189 - Article 102449, 2020. Available on-line at: <http://www.sciencedirect.com/science/article/pii/S0079661120301877>. ISSN 0079-6611
DOI: j.pocean.2020.102449
Type of production: Scientific paper
Format: Journal
Position of signature: 7
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 10
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 4.08
Journal in the top 25%: Yes
Position of publication: 5
No. of journals in the cat.: 64
Source of citations: WOS
Citations: 5

25 L. I. Carracedo; F. F. Pérez; M. Gilcoto; A. Velo; A. Padín; G. Rosón. Role of the circulation on the anthropogenic CO2 inventory in the North-East Atlantic: A climatological analysis. Progress in Oceanography. 161, pp. (78 - 86). 2018. ISSN 0079-6611

DOI: 10.1016/j.pocean.2018.01.009

Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 3.245
Journal in the top 25%: Yes
Position of publication: 8
No. of journals in the cat.: 66
Source of citations: WOS
Citations: 1

26 M. Villamaña; B. Mouriño-Carballido; E. Marañón; P. Cermeño; P. Chouciño; J. C. B. da Silva; P. A. Díaz; B. Fernández-Castro; M. Gilcoto; R. Graña; M. Latasa; J. M. Magalhaes; J. L. Otero-Ferrer; B. Reguera; R. Scharek. Role of internal waves on mixing, nutrient supply and phytoplankton community structure during spring and neap tides in the upwelling ecosystem of Ría de Vigo (NW Iberian Peninsula). Limnology and Oceanography. 62 - 3, pp. (1014 - 1030). 2017. ISSN 1939-5590

DOI: 10.1002/lno.10482

Type of production: Scientific paper
Format: Journal
Position of signature: 9
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 15
Corresponding author: No
Impact source: ISI
Category: Limnology
Impact index in year of publication: 4.325
Journal in the top 25%: Yes
Position of publication: 1
No. of journals in the cat.: 21
Source of citations: WOS
Citations: 29

27 Eric Desmond Barton; Ricardo Javier Torres Almarza; Francisco González Figueiras; Miguel Gil Coto; John Louis Largier. Surface water subduction during a downwelling event in a semienclosed bay. Journal of Geophysical Research: Oceans. 121 - 9, pp. 7088 - 7107. (United States of America): AGU, 28/09/2016.

DOI: 10.1002/2016JC011950

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 2.939
Journal in the top 25%: Yes
Position of publication: 11
No. of journals in the cat.: 63
Source of citations: WOS
Citations: 14

28 Ángel Guerra Sierra; Jorge Hernández Urcera; Manuel Enrique García Blanco; Marta Sestelo; Marcos Regueira; Miguel Gil Coto; Ángel Francisco González González. Spawning habitat selection by the common cuttlefish Sepia officinalis in the Cíes Islands (Northwest Spain). Fisheries Research. 183, pp. 44 - 54. Elsevier, 09/2016.

DOI: 10.1016/j.fishres.2016.04.023

Type of production: Scientific paper
Format: Journal
Position of signature: 6
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 7
Corresponding author: No

Impact source: ISI
Impact index in year of publication: 2.185
Position of publication: 11
Category: FISHERIES
Journal in the top 25%: Yes
No. of journals in the cat.: 50
Source of citations: WOS
Citations: 13

29 Garci M.E; Hernández-Urcera J.; Gilcoto M.; Fernández-Gago R.; González A.F.; Guerra A.. From brooding to hatching: new insights from a female Octopus vulgaris in the wild. Journal of the Marine Biological Association of the United Kingdom. 96 - 1, 02/2016.
DOI: 10.1017/S0025315415001800
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 1.038
Position of publication: 69
Source of citations: WOS
Relevant publication: No
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 105
Citations: 12

30 Carracedo, L. I.; Pardo, P. C.; Villacieros-Robineau, N.; De la Granda, F.; Gilcoto, M.; Perez, F. F.. Temporal changes in the water mass distribution and transports along the 20 degrees W CAIBOX section (NE Atlantic). CIENCIAS MARINAS. 38 - 1B, pp. 263 - 286. 04/2012. ISSN 0185-3880
DOI: 10.7773/cm.v38i1B.1793
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 0.609
Position of publication: 79
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 100
Citations: 9

31 Pardo, Paula C.; Padin, Xose A.; Gilcoto, Miguel; Farina-Busto, Luis; Perez, Fiz F.. Evolution of upwelling systems coupled to the long-term variability in sea surface temperature and Ekman transport. CLIMATE RESEARCH. 48 - 2-3, pp. 231 - 246. 2011. ISSN 0936-577X
DOI: 10.3354/cr00989
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.994
Position of publication: 28
Source of citations: WOS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: METEOROLOGY & ATMOSPHERIC SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 71
Citations: 58

32 Velo, Anton; Vazquez-Rodriguez, Marcos; Padin, Xose A.; Gilcoto, Miguel; Rios, Aida F.; Perez, Fiz F.. A multiparametric method of interpolation using WOA05 applied to anthropogenic CO2 in the Atlantic. SCIENTIA MARINA. 74 - S1, pp. 21 - 32. 12/2010. ISSN 0214-8358

DOI: 10.3989/scimar.2010.74s1021

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 1.079
Journal in the top 25%: No
Position of publication: 55
No. of journals in the cat.: 93
Source of citations: WOS
Citations: 9

33 Padin, X. A.; Vazquez-Rodriguez, M.; Castano, M.; Velo, A.; Alonso-Perez, F.; Gago, J.; Gilcoto, M.; Alvarez, M.; Pardo, P. C.; de la Paz, M.; Rios, A. F.; Perez, F. F.. Air-Sea CO2 fluxes in the Atlantic as measured during boreal spring and autumn. BIOGEOSCIENCES. 7 - 5, pp. 1587 - 1606. 2010. ISSN 1726-4170

DOI: 10.5194/bg-7-1587-2010

Type of production: Scientific paper
Format: Journal
Position of signature: 7
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 12
Corresponding author: No
Impact source: ISI
Category: GEOSCIENCES, MULTIDISCIPLINARY
Impact index in year of publication: 3.587
Journal in the top 25%: Yes
Position of publication: 11
No. of journals in the cat.: 167
Source of citations: WOS
Citations: 26

34 Padin, X. A.; Navarro, G.; Gilcoto, M.; Rios, A. F.; Perez, F. F.. Estimation of air-sea CO2 fluxes in the Bay of Biscay based on empirical relationships and remotely sensed observations. JOURNAL OF MARINE SYSTEMS. 75 - 1-2, pp. 280 - 289. 01/2009. ISSN 0924-7963

DOI: 10.1016/j.jmarsys.2008.10.008

Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 2.238
Journal in the top 25%: Yes
Position of publication: 11
No. of journals in the cat.: 56
Source of citations: WOS
Citations: 13

35 Otero, Jaime; Anton Alvarez-Salgado, Xose; Gonzalez, Angel F.; Gilcoto, Miguel; Guerra, Angel. High-frequency coastal upwelling events influence Octopus vulgaris larval dynamics on the NW Iberian shelf. MARINE ECOLOGY PROGRESS SERIES. 386, pp. 123 - 132. 2009. ISSN 0171-8630

DOI: 10.3354/meps08041

Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 2.519
Journal in the top 25%: Yes

Position of publication: 8
No. of journals in the cat.: 56
Source of citations: WOS
Citations: 44

36 Piedracoba, S.; Nieto-Cid, M.; Souto, C.; Gilcoto, M.; Roson, G.; Alvarez-Salgado, X. A.; Varela, R.; Figueiras, F. G.. Physical-biological coupling in the coastal upwelling system of the Ria de Vigo (NW Spain). I: In situ approach. MARINE ECOLOGY PROGRESS SERIES. 353, pp. 27 - 40. 2008. ISSN 0171-8630
DOI: 10.3354/meps07197
Type of production: Scientific paper
Format: Journal
Position of signature: 4
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 5
Corresponding author: No
Impact source: ISI
Category: OCEANOGRAPHY
Impact index in year of publication: 2.631
Journal in the top 25%: Yes
Position of publication: 7
No. of journals in the cat.: 50
Source of citations: WOS
Citations: 6

37 Salas, N.; Ortiz, L.; Gilcoto, M.; Varela, M.; Bayona, J. M.; Groom, S.; Alvarez-Salgado, X. A.; Albaiges, J.. Fingerprinting petroleum hydrocarbons in plankton and surface sediments during the spring and early summer blooms in the Galician coast (NW Spain) after the Prestige oil spill. MARINE ENVIRONMENTAL RESEARCH. 62 - 5, pp. 388 - 413. 12/2006. ISSN 0141-1136
DOI: 10.1016/j.marenvres.2006.06.004
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8
Impact source: ISI
Category: ENVIRONMENTAL SCIENCES
Impact index in year of publication: 2.106
Journal in the top 25%: Yes
Position of publication: 32
No. of journals in the cat.: 144
Source of citations: WOS
Citations: 30

38 Piedracoba, S; Souto, C; Gilcoto, M; Pardo, PC. Hydrography and dynamics of the Ria de Ribadeo (NW Spain), a wave driven estuary. ESTUARINE COASTAL AND SHELF SCIENCE. 65 - 4, pp. 726 - 738. 12/2005. ISSN 0272-7714
DOI: 10.1016/j.ecss.2005.07.013
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 1.633
Journal in the top 25%: No
Position of publication: 15
No. of journals in the cat.: 46
Source of citations: WOS
Citations: 16

39 Alvarez-Salgado, XA; Nieto-Cid, M; Piedracoba, S; Crespo, BG; Gago, J; Brea, S; Teixeira, IG; Figueiras, FG; Garrido, JL; Roson, G; Castro, CG; Gilcoto, M. Origin and fate of a bloom of Skeletonema costatum during a winter upwelling/downwelling sequence in the Ria de Vigo (NW Spain). JOURNAL OF MARINE RESEARCH. 63 - 6, pp. 1127 - 1149. 11/2005. ISSN 0022-2402
DOI: 10.1357/002224005775247616

Type of production: Scientific paper
Format: Journal
Position of signature: 12
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 12
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 1.562
Journal in the top 25%: No
Position of publication: 16
No. of journals in the cat.: 46
Source of citations: WOS
Citations: 17

40 Alvarez-Salgado, XA; Gilcoto, M. Inferring nitrification rates with an inverse method in a coastal upwelling system, Ria de Vigo (NW Spain). MARINE ECOLOGY PROGRESS SERIES. 276, pp. 3 - 17. 2004. ISSN 0171-8630
DOI: 10.3354/meps276003
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 2
Corresponding author: No
Impact source: ISI
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 2.052
Journal in the top 25%: Yes
Position of publication: 11
No. of journals in the cat.: 75
Source of citations: WOS
Citations: 11

41 Gago, J; Alvarez-Salgado, XA; Gilcoto, M; Perez, FF. Assessing the contrasting fate of dissolved and suspended organic carbon in a coastal upwelling system ('Ria de Vigo', NW Iberian Peninsula). ESTUARINE COASTAL AND SHELF SCIENCE. 56 - 2, pp. 271 - 279. 02/2003. ISSN 0272-7714
DOI: 10.1016/S0272-7714(02)00186-5
Type of production: Scientific paper
Format: Journal
Position of signature: 3
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 1.255
Journal in the top 25%: No
Position of publication: 15
No. of journals in the cat.: 41
Source of citations: WOS
Citations: 19

42 Gago, J; Gilcoto, M; Perez, FF; Rios, AF. Short-term variability of fCO(2) in seawater and air-sea CO(2) fluxes in a coastal upwelling system (Ria de Vigo, NW Spain). MARINE CHEMISTRY. 80 - 4, pp. 247 - 264. 02/2003. ISSN 0304-4203
DOI: 10.1016/S0304-4203(02)00117-2
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 4
Corresponding author: No
Impact source: ISI
Category: Oceanography
Impact index in year of publication: 2.555
Journal in the top 25%: Yes
Position of publication: 4
No. of journals in the cat.: 41
Source of citations: WOS
Citations: 26

43 Pardo, PC; Gilcoto, M; Perez, FF. Short-time scale coupling between termohaline and meteorological forcing in the Ria de Pontevedra. SCIENTIA MARINA. 65, pp. 229 - 240. 07/2001. ISSN 0214-8358
DOI: 10.3989/scimar.2001.65s1229
Type of production: Scientific paper
Format: Journal
Position of signature: 2
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 3
Impact source: ISI
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 0.547
Journal in the top 25%: No
Position of publication: 58
No. of journals in the cat.: 71
Source of citations: WOS
Citations: 23

44 Miguel Gil Coto; Josep Luis Pelegrí Jopart; Gabriel Ro?on Porto. Special Issue on Descriptive Oceanography with Tracers in Coastal and Deep Oceans. Ciencias Marinas. 38 - 1B, pp. 1 - 190. Ensenada(Mexico): 01/04/2012. ISSN 0185-3880
Type of production: Scientific edition
Format: Journal
Position of signature: 1
Degree of contribution: Editor or co-editor
Total no. authors: 3
Corresponding author: Yes
Impact source: ISI
Category: MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 0.609
Journal in the top 25%: No
Position of publication: 79
No. of journals in the cat.: 100

45 Miguel Gil Coto. Informe de la Campaña CAIBOX. 2ª fase de CAIBEX. pp. 1 - 25. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 2009.
Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: Yes

46 Miguel Gil Coto; Matthias Tomczak. Thorny Passage deployment report. pp. 1 - 35. Adelaide(Australia): SoCPES, Flinders University, 2008.
Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 2
Corresponding author: Yes

47 Li Ying Wu; Miguel Gil Coto; Matthias Tomczak. Numerical modelling of currents in Thorny Passage (progress report). pp. 1 - 15. Adelaide(Australia): SoCPES, Flinders University, 2007.
Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 2
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 3
Corresponding author: No

48 Miguel Gil Coto; Matthias Tomczak. West Beach test deployment report. pp. 1 - 14. Adelaide(Australia): SoCPES, Flinders University, 2007.
Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 2
Corresponding author: Yes

49 Jesús Gago Piñeiro; Miguel Gil Coto; María Victoria González; Trinidad Rellán Rellán; Xosé Antón Álvarez Salgado; Aida Fernández Ríos; Fiz Fernández Pérez. Campaña hidrográfica CIRCA-97 (Circulación y Carbono). Datos hidrográficos de la Ría de Vigo (1997). pp. 1 - 51. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 1999.

Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 2
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 7
Corresponding author: No

50 Miguel Gil Coto; Carlos Souto Torres; Paula Conde Pardo; Fiz Fernández Pérez. Dinámica y variabilidad termohalina (DV2). Informe primer semestre 1999. pp. 1 - 63. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 1999.

Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 4
Corresponding author: Yes

51 Miguel Gil Coto; Carlos Souto Torres; Fiz Fernández Pérez. Dinámica y variabilidad termohalina (DV2). Informe de 1998. pp. 1 - 127. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 1998.

Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 3
Corresponding author: Yes

52 Miguel Gil Coto; Carlos Souto Torres; Fiz Fernández Pérez. Dinámica y variabilidad termohalina (DV2). Informe del primer semestre 1998. pp. 1 - 83. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 1998.

Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 3
Corresponding author: Yes

53 Miguel Gil Coto; Fiz Fernández Pérez; Carlos Souto Torres; Jesús Gago Piñeiro; María Vicoria González. Dinámica y variabilidad termohalina (DV2). Informe de 1997. pp. 1 - 189. Vigo, Galicia(Spain): Instituto de Investigaciones Marinas IIM-CSIC, 1997.

Type of production: Scientific-technical report
Format: Scientific and technical document or report
Position of signature: 1
Degree of contribution: Author or co-author of reserved scientific or technical document
Total no. authors: 5
Corresponding author: Yes

Works submitted to national or international conferences

1 **Title of the work:** Characterization of fresh water arrival events form the platform to the Rías Baixas
Name of the conference: VI Expanding Ocean Frontiers Conference (EOF 2021)
Type of event: Conference
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Barcelona, Catalonia, Spain
Date of event: 05/07/2021
End date: 07/07/2021
Organising entity: Universitat Politècnica de Catalunya
Type of entity: University
City organizing entity: Barcelona, Catalonia, Spain

With external admission assessment committee: Yes
Adrián Martínez Fernández; Silvia Piedracoba Varela; Miguel Gil Coto.

2 **Title of the work:** Seasonal and inter-annual variability of wave regime in the Ría de Vigo
Name of the conference: VI Expanding Ocean Frontiers Conference (EOF 2021)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Barcelona, Catalonia, Spain
Date of event: 05/07/2021
End date: 07/07/2021
Organising entity: Universitat Politècnica de Catalunya **Type of entity:** University
City organizing entity: Barcelona, Catalonia, Spain
With external admission assessment committee: Yes
Nicolás Villacieros Robineau; Miguel Gil Coto; Paula Conde Pardo; Eric Desmond Barton.

3 **Title of the work:** Tide and wind coupling in a semienclosed bya driven by coastal upwelling
Name of the conference: VI Expanding Ocean Frontiers Conference (EOF 2021)
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Barcelona, Catalonia, Spain
Date of event: 05/07/2021
End date: 07/07/2021
Organising entity: Universitat Politècnica de Catalunya **Type of entity:** University
City organizing entity: Barcelona, Catalonia, Spain
With external admission assessment committee: Yes
Miguel Gil Coto; Nicolás Villacieros Robineau; Safo Olav Piñeiro Rodríguez; Silvia Piedracoba Varela; Gabriel Rosón Porto; Ricardo Torres Almarza; Fernando Alonso Pérez; Rocío Fernández Graña; John Louis Largier; Eric Desmond Barton.

4 **Title of the work:** Intense ocean mixing by fish spawning aggregations
Name of the conference: XXV Congresso AIOL
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Virtual/online, Italy
Date of event: 30/06/2021
End date: 02/07/2021
Organising entity: Associazone Italina di Oceanologia e Limnologia
City organizing entity: Verbania, Italy
With external admission assessment committee: Yes
Bieito Fernández Castro; Marian Peña; Enrique Nogueira; Miguel Gil Coto; Esperanza Broullón; Antonio Comesaña; Damien Bouffard; Alberto C. Naveira Garabato; Beatriz Mouriño Carballido.

5 **Title of the work:** Changes in community assemblages during the development of a thin layer of phytoplankton (TLP)
Name of the conference: ASLO 2021 Aquatic Science Meeting
Type of event: Conference **Geographical area:** Non EU International

Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Virtual Meeting,
Date of event: 22/06/2021
End date: 27/06/2021
Organising entity: ASLO & UIB
City organizing entity: Palma de Mallorca,
With external admission assessment committee: Yes
Esther Velasco Senovilla; Beatriz Reguera; Isabel Ramilo; Gerardo Casas; Gerardo Fernández; Beatriz Mouriño Carballido; Miguel Gil Coto; Esperanza Broullón; Bieito Fernández Castro; Marc Sourisseau; Cecile Jauzein; Enrique Nogueira.

6 **Title of the work:** Drivers of spatial behaviour of the endangered undulate skate, Raja undulata
Name of the conference: ASLO 2021 Aquatic Science Meeting
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Virtual Meeting,
Date of event: 22/06/2021
End date: 27/06/2021
Organising entity: ASLO & UIB
City organizing entity: Palma de Mallorca,
With external admission assessment committee: Yes
Katharina Leeb; David Villegas Ríos; Gonzalo Mucientes Sandoval; Manuel E. García Blanco; Miguel Gil Coto; Alexandre Alonso Fernández.

7 **Title of the work:** Rapid wind-driven fluctuations of the pycnocline drive phytoplankton blooms in a long narrow bay
Name of the conference: ASLO 2021 Aquatic Science Meeting
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Virtual Meeting,
Date of event: 22/06/2021
End date: 27/06/2021
Organising entity: ASLO & UIB
City organizing entity: Palma de Mallorca,
With external admission assessment committee: Yes
Esperanza Broullón; Peter Franks; Bieito Fernández Castro; Miguel Gil Coto; Beatriz Mouriño Carballido.

8 **Title of the work:** Arduino controlled valvometry equipment for laboratory monitoring
Name of the conference: MARTECH21, 9th Marine International Workshop on Marine Technology
Type of event: Workshop
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
Corresponding author: Yes
City of event: Vigo (Virtual), Spain
Date of event: 16/06/2021
End date: 18/06/2021
Organising entity: Universidade de Vigo **Type of entity:** University
City organizing entity: Vigo, Spain

Publication in conference proceedings: Yes
With external admission assessment committee: Yes

Miguel Gil Coto; Waldo Redondo Caride; Elsa Silva Caride; Antón L. Velo Lanchas; Luc A. Comeau; Ramón Filgueira; José M. Fernández Babarro. "Arduino controlled valvometry equipment for laboratory monitoring". (Spain): Available on-line at: <http://proceedings2021.martech-workshop.org/978-84-09-31270-2>. ISBN 978-84-09-31270-2

9 **Title of the work:** RADAR ON RAIA: High frequency radars in the RAIA Observatory
Name of the conference: MARTECH21, 9th Marine International Workshop on Marine Technology
Type of event: Workshop
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
Corresponding author: No
City of event: Vigo (Virtual), Spain
Date of event: 16/06/2021
End date: 18/06/2021
Organising entity: Universidade de Vigo
Type of entity: University
City organizing entity: Vigo, Spain
Publication in conference proceedings: Yes
With external admission assessment committee: Yes

Silvia Piedracoba Varela; S. Allen Perkins; Garbiñe Ayensa; Enrique Álvarez Fanjul; A. Basañez; A. Costa; Carlos Fernandes; Miguel Gil Coto; Pablo Lorente; J. Matos; Pedro Montero; L. Oliveira; Vicente Pérez Muñuzuri; Waldo Redondo Caride; Gabriel Rosón Porto; María Isabel Ruíz; C.G. Ribero; J. Seca; Silvia Torres; Ramiro Varela; Marta Vázquez; Begoña Vila; J.R. Viqueira. "RADAR ON RAIA: High frequency radars in the RAIA Observatory". (Spain): Available on-line at: <http://proceedings2021.martech-workshop.org/978-84-09-31270-2>. ISBN 978-84-09-31270-2

10 **Title of the work:** SPOT and GPRS drifting buoys for HF Radar calibration
Name of the conference: MARTECH21, 9th Marine International Workshop on Marine Technology
Type of event: Workshop
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
Corresponding author: No
City of event: Vigo (Virtual), Spain
Date of event: 16/06/2021
End date: 18/06/2021
Organising entity: Universidade de Vigo
Type of entity: University
City organizing entity: Vigo, Spain
Publication in conference proceedings: Yes
With external admission assessment committee: Yes

Adrián Martínez Fernández; Waldo Redondo Caride; Fernando Alonso Pérez; Silvia Piedracoba Varela; Pablo Lorente; Pedro Montero; Silvia Torres López; Adrián Fernández Baladrón; Ramiro A. Varela; Antón L. Velo Lanchas; Miguel Gil Coto. "SPOT and GPRS drifting buoys for HF Radar calibration". (Spain): Available on-line at: <http://proceedings2021.martech-workshop.org/978-84-09-31270-2>. ISBN 978-84-09-31270-2

11 **Title of the work:** Effects of high temperature and turbulence on ecophysiological responses of the clam Polititapes rhomboides
Name of the conference: Encontros IIM-2ª fase
Type of event: Seminar
Corresponding author: No
City of event: Vigo, Spain
Date of event: 26/02/2021
Organising entity: Instituto de Investigaciones Marinas (IIM-CSIC)

Hugo M. Feio; José Manuel Fernández Babarro; Elsa Silva Caride; Luc Comeau; Waldo Redondo Caride; Miguel Gil Coto.

12 **Title of the work:** From Grand Combin to an Upwelling Bay: the Ría de Vigo
Name of the conference: APHYS-EPFL Seminars
Type of event: Seminar **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
Corresponding author: Yes
City of event: Lausanne, Switzerland
Date of event: 04/03/2020
Organising entity: APHYS-EPFL **Type of entity:** University Department
Miguel Gil Coto.

13 **Title of the work:** Formation of thin layers of phytoplankton in the upwelling region off NW Iberia: biological growth versus physical accumulation
Name of the conference: Ocean Science Meeting
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: San Diego, United States of America
Date of event: 17/02/2020
End date: 21/02/2020
Organising entity: AGU, ASLO, The Oceanography Society
With external admission assessment committee: Yes
Esperanza Broullón; Enrique Crespo; Paloma Chouciño; Antonio Comesaña; Bieito Fernández Castro; Emilio Fernández Suárez; Antonio Fuentes Lema; Miguel Gil Coto; Enrique Nogueira; María Pérez; Rosa Reboreda; Beatriz Reguera; Carlos Souto Torres; Esther Velasco; Marina Villamaña; Sandra Villar; Beatriz Mouriño Carballido. Available on-line at: <https://www.agu.org/Ocean-Sciences-Meeting>.

14 **Title of the work:** Boyas lagrangianas de bajo coste
Name of the conference: Encuentros IIM, Primera Fase
Corresponding author: No
City of event: Vigo, Galicia, Spain
Date of event: 18/12/2019
End date: 18/12/2019
Organising entity: IIM-CSIC
City organizing entity: Vigo,
Waldo Redondo Caride; Miguel Gil Coto.

15 **Title of the work:** Understanding the mortality event of Polititapes rhomboides in 2010 in Galicia
Name of the conference: 19th International Conference on Diseases of Fish and Shellfish
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Open access
Corresponding author: No
City of event: Porto, Portugal
Date of event: 09/09/2019
End date: 12/09/2019
Organising entity: Universidade do Porto **Type of entity:** University
Susana Darriba Couñago; Nicolás Villacieros Robineau; Fernando Febrero Mayor; Luís Manuel Rodríguez González; Miguel Gil Coto; Pedro Montero Vilar; María del Carmen López Gómez.

16 **Title of the work:** Posibles cambios en las condiciones oceanográficas: ¿cómo pueden afectar a la dinámica de nuestras Rías Baixas?
Name of the conference: Cambio Climático: Las Cinco Fases del Duelo
Type of event: Curso Verano **Geographical area:** National
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
Corresponding author: Yes
City of event: Santiago de Compostela, Galicia, Spain
Date of event: 05/09/2019
Organising entity: Universidad de Santiago de Compostela **Type of entity:** University
Miguel Gil Coto.

17 **Title of the work:** Revisiting the critical turbulence hypothesis in the upwelling region off NW Iberia
Name of the conference: XV International Estuarine Biogeochemistry Symposium
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Vigo, Spain
Date of event: 04/06/2019
End date: 05/06/2019
Organising entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Antonio Comesaña; Bieito Fernández Castro; Paloma Chouciño; Emilio Fernández Suárez; Antonio Fuentes Lema; Miguel Gil Coto; María Pérez Lorenzo; Beatriz Mouriño Carballido.

18 **Title of the work:** Cephalopod Paralarvae Distribution And Vertical Behaviour At The ¿Atlantic Islands Of Galicia National Park?
Name of the conference: Congreso Cíes Patrimonio Mundial UNESCO
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk
City of event: Vigo, Spain
Date of event: 22/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
E. García-Mayoral; S. Mohamed-Santamaría; A. Roura; M. Gilcoto; A. F. González. Publisher, 2018. Available on-line at: <URL>.

19 **Title of the work:** Circulation patterns of Ria de Pontevedra under upwelling and downwelling conditions
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
E. Rodríguez-Cruz; R. Nolasco; X. A. Padín; M. Gilcoto; J. Dubert; F. F. Pérez. Publisher, 2018. Available on-line at: <URL>.

20 **Title of the work:** Distribution of Cephalopod Paralarvae around CÍes Islands
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union

Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
E. García-Mayoral; S. Mohamed-Santamaría; A. Roura; L. García Alves; M. Gilcoto; A. G. González. Publisher, 2018. Available on-line at: <URL>.

21 **Title of the work:** Investigating The Environmental Conditions Favorable For The Occurrence Of Thin Layers Of Phytoplankton In The Galician Rías
Name of the conference: VI Simposio Internacional de Ciencias del Mar
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
M. López; B. Mouriño-Carballido; M. Gilcoto; P. Chouciño; R. Reboreda; C. Souto. Publisher, 2018. Available on-line at: <URL>.

22 **Title of the work:** Long Term - High Resolution Numerical Modelling Of The Rias Baixas Circulation
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
R. Nolasco; X. A. Padín; J. Dubert; F. F. Pérez; M. Gilcoto. Publisher, 2018. Available on-line at: <URL>.

23 **Title of the work:** Searching For Thin Layers Of Phytoplankton In The Upwelling Region Off Nw Iberia
Name of the conference: VI Simposio Internacional de Ciencias del Mar
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
B. Mouriño-Carballido; E. Broullón; P. Chouciño; B. Fernández; M. López; M. Gilcoto; E. Nogueira; Y. Pazos; R. Reboreda; B. Reguera; C. Souto; M. Villamaña. Publisher, 2018. Available on-line at: <URL>.

24 **Title of the work:** Study Of Two Major Events Of Thin Layers Of Phytoplankton In The Galician Rias Using A 3d Ocean Model
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes

R. Reboreda; C. Souto; B. Mouriño-Carballido; P. Chouciño; M. Gilcoto; B. Fernández; E. Nogueira. Publisher, 2018. Available on-line at: <URL>.

25 **Title of the work:** The Time-Scale Of Mixing In The Surface Mixed-Layer From Random-Walk Simulations
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
B. Fernández Castro; M. Pérez Lorenzo; A. Fuentes; M. Villamaña; M. Gilcoto; P. J. S. Franks; J. L. Otero Ferrer; P. Chouciño; X. A. Álvarez Salgado; E. Fernández; B. Mouriño; Carballido. Publisher, 2018. Available on-line at: <URL>.

26 **Title of the work:** Tidal Current And Wave Spectral Analysis In The Ría De Vigo
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
N. Villacieros-Robineau; M. Gilcoto; R. Graña; F. Alonso Pérez; S. Piedracoba; Torres R; Largier J.L; Barton E.D. Publisher, 2018. Available on-line at: <URL>.

27 **Title of the work:** VALIDATION OF HF RADAR OCEAN SURFACE CURRENTS IN THE RÍA De Vigo USING LAGRANGIAN DRIFTERS
Name of the conference: VI Simposio Internacional de Ciencias del Mar
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo
With external admission assessment committee: Yes
J. J. Terry; S. Piedracoba; G. Rosón; R. Varela; M. Gilcoto. Publisher, 2018. Available on-line at: <URL>.

28 **Title of the work:** Variability Of The Vertical Circulation Patterns Of Ria De Pontevedra (NW Spain)
Name of the conference: Encuentro de la Oceanografía Física 2018
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
E. Rodríguez-Cruz; R. Nolasco; X. A. Padín; M. Gilcoto; J. Dubert; F. F. Pérez. Publisher, 2018. Available on-line at: <URL>.

29 **Title of the work:** RÍA De Vigo And Adjacent Shelf Hydrography: Seasonal Description
Name of the conference: Encuentro de la Oceanografía Física 2018
Geographical area: European Union

Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 20/06/2018
Organising entity: Universidade de Vigo **Type of entity:** University
With external admission assessment committee: Yes
S. Mohamed-Santamaría; M. Gilcoto; X. A. Xosé Padín; M. J. Álvarez-Fernández; F. F. Pérez. Publisher, 2018. Available on-line at: <URL>.

30 **Title of the work:** Occurrence of thin layers of phytoplankton in the Galician Rías
Name of the conference: XXXII Trobades científiques de la Mediterrània - Josep Miquel Vidal
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
Corresponding author: No
City of event: Maó, Balearic Islands, Spain
Date of event: 05/10/2016
End date: 07/10/2016
Organising entity: Societat Catalana de Física y el Institut Menorquí d'Estudis y **Type of entity:** Associations and Groups
City organizing entity: Saint Barthélemy
Beatriz Mouriño Carballido; Paloma Chouciño; Bieito Fernández; Miguel Gil Coto; Pedro Montero; Víctor Moreira Coello; Enrique Nogueira; Beatriz Reguera; Manuel Ruíz; Víctor Pelayo Espinosa; Marina Villamaña.

31 **Title of the work:** Control of tHe structure of marine phytoplAnkton cOmmunities by turbulence and nutrient supply dynamicS (CHAOS)
Name of the conference: V Simposio Internacional de Ciencias del Mar
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Alicante, Andalusia, Spain
Date of event: 20/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
City organizing entity: Alicante, Andalusia, Spain
With external admission assessment committee: Yes
Beatriz Mouriño Carballido; Susana Agustí; Antonio Bode; Pedro Cermeño; Paloma Chouciño; José da Silva; Bieito Fer?andez Castro; Josep Gasol; Miguel Gil Coto; Rocío Fernández Graña; Mikel Latasa; Luis Lubián; Emilio Marañón; Xosé Anxelu G. Morán; Enrique Moreno Ostos; Víctor Moreira Coello; José Luis Otero Ferrer; Manuel Ruíz; Renate Schareck; Sergio Vallina; Marta Varela; Marina Villamaña.

32 **Title of the work:** Estuarine classification of the Ría de Vigo based on seasonal cycles of stratification and mixing
Name of the conference: IV Encuentro de la Oceanografía Física Española 2016
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Alicante, Andalusia, Spain
Date of event: 20/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
City organizing entity: Alicante, Andalusia, Spain

With external admission assessment committee: Yes
Miguel Gil Coto; Rocío Fernández Graña; Silvia Piedracoba Varela; Pedro Montero; Nicolás Villacieros Robineau; Ricardo Torres Almarza; John Largier; Eric Desmond Barton.

33 **Title of the work:** Mixing and turbulence sources during the summer upwelling season in the Ría the Vigo (NW Iberia)
Name of the conference: IV Encuentro de la Oceanografía Física Española 2016
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Alicante, Andalusia, Spain
Date of event: 20/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
City organizing entity: Alicante, Andalusia, Spain
With external admission assessment committee: Yes
Bieito Fernández Castro; Miguel Gil Coto; Alberto C. Naveira Garabato; Marina Villamaña; Paloma Chouciño; Rocío Fernández Graña; Beatriz Mouriño Carballido.

34 **Title of the work:** Tidal and wind influences on circulation in the southern mouth of the Ría de Vigo (NW Iberian Peninsula)
Name of the conference: IV Encuentro de la Oceanografía Física Española 2016
Type of event: Conference
Type of participation: 'Participatory - poster
Corresponding author: No
City of event: Alicante, Andalusia, Spain
Date of event: 20/07/2016
End date: 22/07/2016
Organising entity: Universidad de Alicante **Type of entity:** University
City organizing entity: Alicante, Andalusia, Spain
With external admission assessment committee: Yes
Safo Olav Piñeiro Rodríguez; Miguel Gil Coto; Francisco de la Granda Grandoso; Nicolás Villacieros Robineau; Fernando Alonso Pérez; Rocío Fernández Graña; Silvia Piedracoba Varela; Ricardo Torres Almarza; John Largier; Eric Desmond Barton.

35 **Title of the work:** Nutrient supply does play a role on the structure of marine picophytoplankton communities
Name of the conference: 2016 Ocean Sciences Meeting
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: New Orleans, United States of America
Date of event: 21/02/2016
End date: 26/02/2016
Organising entity: American Geophysical Society **Type of entity:** Associations and Groups
Beatriz Mouriño Carballido; José Luis Otero Ferrer; Susana Agustí; Antonio Bode; Pedro Cermeño; Paloma Chouciño; José da Silva; Bieito Fernández Castro; Josep Gasol; Miguel Gil Coto; Rocío Fernández Graña; Mikel Latasa; Luis Lubián; Emilio Marañón; Xosé Anxelu G. Morán; Enrique Moreno Ostos; Víctor Moreira; Manuel Ruíz Villarreal; Renate Scharek; Sergio Vallina; Marta Varela; Marina Villamaña.

36 **Title of the work:** Rapid response of coastal upwelling in the Ría de Vigo
Name of the conference: CERF2015
Type of event: Conference
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Portland, United States of America
Date of event: 08/11/2015
End date: 12/11/2015
Organising entity: Coastal and Estuarine Research Federation
Type of entity: Associations and Groups
City organizing entity: United States of America
With external admission assessment committee: Yes
Miguel Gil Coto; Nicolás Villacieros Robineau; Francisco de la Granda Grandosos; Fernando Alonso Pérez; Rocío Fernández Graña; Silvia Piedracoba Varela; Ricardo Torres Almarza; John Louis Largier; Eric Desmond Barton. Available on-line at: <http://www.erf.org/cerf2015>.

37 **Title of the work:** Seasonal cycle of stratification and mixing in the Ría de Vigo
Name of the conference: CERF2015
Type of event: Conference
Geographical area: Non EU International
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Portland, United States of America
Date of event: 08/11/2015
End date: 12/11/2015
Organising entity: Coastal and Estuarine Research Federation
Type of entity: Associations and Groups
City organizing entity: United States of America
With external admission assessment committee: Yes
Rocío Fernández Graña; Nicolás Villacieros Robineau; Silvia Piedracoba Varela; Ricardo Torres Almarza; John Louis Largier; Eric Desmond Barton; Miguel Gil Coto. Available on-line at: <http://www.erf.org/cerf2015>.

38 **Title of the work:** Role of internal waves on mixing, nutrient supply and phytoplankton composition during spring and neap tides in the Ría de Vigo (NW Iberian Peninsula)
Name of the conference: ASLO Aquatic Science Meeting
Type of event: Conference
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
City of event: Granada, Andalusia, Spain
Date of event: 22/02/2015
End date: 27/02/2015
Organising entity: ASLO
Type of entity: Associations and Groups
With external admission assessment committee: Yes
Marina Villamaña Rodríguez; Beatriz Mouriño Carballido; Pedro Cermeño; Paloma Chouciño; da Silva, J; Bieito Fernández Castro; Miguel Gil Coto; Rocío Fernández Graña; Latasa, M; Emilio Marañón.

39 **Title of the work:** The Ría de Vigo: a canary in the coal mine?
Name of the conference: ASLO Aquatic Science Meeting
Type of event: Conference
Geographical area: Non EU International
Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

City of event: Granada, Andalusia, Spain
Date of event: 22/02/2015
End date: 27/02/2015
Organising entity: ASLO **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Eric Desmond Barton; Carmen González Castro; Francisco Gómez Figueiras; Xosé Antón Álvarez Salgado; Fiz Fernández Pérez; John Largier; Ricardo Torres Almarza; Yolanda Pazos González; Miguel Gil Coto.

40 **Title of the work:** Long time series of high-frequency measurements of the response to coastal upwelling in the Ría de Vigo
Name of the conference: Seminários de Oceanografía, Centro de Oceanografía, Facultade de Ciências da Universidade de Lisboa
Type of event: Seminar **Geographical area:** European Union
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
Corresponding author: Yes
City of event: Lisboa, Portugal
Date of event: 02/07/2014
Organising entity: Centro de Oceanografía **Type of entity:** University Research Institute
City organizing entity: Lisboa, Portugal
Gilcoto, Miguel.

41 **Title of the work:** La circulación superficial en la Ría de Vigo a través del HF Radar. Variabilidad lateral y relación con el viento remoto
Name of the conference: Encuentro de la Oceanografía Física Española 2014
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Las Palmas de Gran Canaria, Canary Islands, Spain
Date of event: 11/06/2014
Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University
City organizing entity: Las Palmas de Gran Canaria, Canary Islands, Spain
With external admission assessment committee: Yes
Piedracoba, S.; Herrera, J. L.; Graña, R.; González, J.; Gilcoto, M.; Varela, R.; Rosón, G.

42 **Title of the work:** Long time series of high-frequency measurements of the response to coastal upwelling in the Ría de Vigo
Name of the conference: Encuentro de la Oceanografía Física Española 2014
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 11/06/2014
Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University
With external admission assessment committee: Yes
Barton, E. D.; Villacieros-Robineau, N.; de la Granda, F.; Alonso-Pérez, F.; Graña, R.; Piedracoba, S.; Torres, R.; Largier, J.; Gilcoto, M.

43 **Title of the work:** SOCO: Establishing a real-time observing system of currents and waves for STRAMIX
Name of the conference: Encuentro de la Oceanografía Física Española 2014
Type of event: Conference
Geographical area: National
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Las Palmas de Gran Canaria, Canary Islands, Spain
Date of event: 11/06/2014
Organising entity: Universidad de las Palmas de Gran Canaria
Type of entity: University
City organizing entity: LAs Palmas de Gran Canaria, Canary Islands, Spain
With external admission assessment committee: Yes
Gilcoto, M.; de la Granda, F.; Villacieros-Robienau, N.; Alonso-Pérez, F.; Graña, R.; Piedracoba, S.; Torres, R.; Largier, J.; Barton, E. D.

44 **Title of the work:** Two examples of coastal oceanography to be explored with ROMS
Name of the conference: Seminários de Oceanografia, Centro de Oceanografía, Facultade de Ciências da Universidade de Lisboa
Type of event: Seminar
Geographical area: European Union
Type of participation: Participatory - invited/keynote talk
Reasons for participation: Upon invitation
Corresponding author: Yes
City of event: Lisboa, Portugal
Date of event: 08/04/2014
Organising entity: Centro de Oceanografía
City organizing entity: Lisboa, Portugal
Gilcoto, Miguel.

45 **Title of the work:** An Observing System of Currents and Waves in the Ria de Vigo during STRAMIX project
Name of the conference: Encontro de Oceanografía, Associaçao Portuguesa de Oceanografía
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Nazaré, Portugal
Date of event: 21/03/2014
Organising entity: Associaçao Portuguesa de Oceanografía
Type of entity: Associations and Groups
City organizing entity: Lisboa, Portugal
With external admission assessment committee: Yes
Gilcoto, M.; de la Granda, F.; Villacieros-Robineau, N.; Alonso-Pérez, F.; Graña, R.; Piedracoba, S.; Torres, R.; Largier, J.; Barton, E. D.; Coucheiro-Dios, A.

46 **Title of the work:** An Observing System of Currents and Waves in the Ria de Vigo
Name of the conference: II Encuentro de Oceanografía Física Española
Type of event: Conference
Geographical area: National
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
Corresponding author: Yes
City of event: Madrid, Spain
Date of event: 14/11/2012
Organising entity: Puertos del Estado
Type of entity: Organismo Público

Gilcoto, Miguel; González-Iglesias, J.; de la Granda Grandoso, F.; Villacieros-Robineau, N.; Alonso-Pérez, F.

47 **Title of the work:** Estimaciones robustas de corrientes con ADCPs de cuatro transductores
Name of the conference: I Encuentro de la Oceanografía Física Española
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
Corresponding author: Yes
City of event: Barcelona, Spain
Date of event: 13/10/2010
Organising entity: Instituto de Ciencias del Mar **Type of entity:** State agency
With external admission assessment committee: Yes
Gilcoto, Miguel; Jones, Emlyn; Fariña-Busto, Luis.

48 **Title of the work:** Masas de agua y estimas de transportes mediante modelo inverso en la región CAIBEX (NE Atlántico)
Name of the conference: I Encuentro de la Oceanografía Física Española
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Barcelona, Spain
Date of event: 13/10/2010
Organising entity: Instituto de Ciencias del Mar **Type of entity:** State agency
With external admission assessment committee: Yes
Carracedo, L. I.; Gilcoto, M.; Perez, F. F.; Mercier, H.; Pardo, P. C.; Kermabon, C.; Lherminier, P.

49 **Title of the work:** Seasonal Characterization of the velocity field of the bottom nepheloid layer in The ría de Vigo (NW Iberian Peninsula)
Name of the conference: I Encuentro de la Oceanografía Física Española
Type of event: Conference **Geographical area:** National
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Barcelona, Spain
Date of event: 13/10/2010
Organising entity: Instituto de Ciencias del Mar **Type of entity:** State agency
With external admission assessment committee: Yes
Villacieros-Robineau, N.; Herrera, J. L.; Castro, C. G.; Piedracoba, S.; Redondo, W.; Graña, R.; Alonso-Pérez, F.; Barreiro, B.; Carracedo, L. I.; Gilcoto, M.; Rosón, G.

50 **Title of the work:** From ria dynamics to island wakes. Two examples of coastal oceanography
Name of the conference: Marine Science Seminar Series 2010, Marine Science Department, University of Otago
Type of event: Seminar **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
City of event: Dunedin, New Zealand
Date of event: 27/04/2010
Organising entity: Marine Science Department **Type of entity:** University Department
City organizing entity: University of Otago, New Zealand
Gilcoto, Miguel.

51 **Title of the work:** Air-sea CO2 fluxes in the Atlantic as measured during the ficaram cruises
Name of the conference: XV Seminario Ibérico de Química Marinas
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
City of event: Vigo, Spain
Date of event: 22/02/2010
Organising entity: Instituto de Investigaciones Marinas
Type of entity: State agency
With external admission assessment committee: Yes
Padín, X. A.; Vázquez-Rodríguez, M.; Castaño, M.; Velo, A.; Alonso-Pérez, F.; Gago, J.; Gilcoto, M.; Álvarez, M.; Pardo, P. C.; de la Paz, M.; Ríos, A. F.; Pérez, F. F.

52 **Title of the work:** Distribución de masas de agua y transportes en la sección CAIBOX-20ºW
Name of the conference: XV Seminario Ibérico de Química Marinas
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
City of event: Vigo, Spain
Date of event: 22/02/2010
Organising entity: Instituto de Investigaciones Marinas
Type of entity: State agency
With external admission assessment committee: Yes
Carracedo, L. I.; Pardo, P. C.; de la Granda, F.; Villacieros-Robineau, N.; Gilcoto, M.; Pérez, F. F.

53 **Title of the work:** Interpolation of Anthropogenic CO2 over the World Oceans Atlas (WOA05) with a multiparametric method
Name of the conference: XV Seminario Ibérico de Química Marinas
Type of event: Conference
Geographical area: European Union
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
City of event: Vigo, Spain
Date of event: 22/02/2010
Organising entity: Instituto de Investigaciones Marinas
Type of entity: State agency
With external admission assessment committee: Yes
Velo, A.; Vázquez-Rodríguez, M.; Gilcoto, M.; Ríos, A. F.; Pérez, F. F.

54 **Title of the work:** Island wakes in numerical models of shallow water regions
Name of the conference: Workshop Oceanografía e Hidráulica Estadística y Computacional
Type of event: Workshop
Geographical area: National
Type of participation: Participatory - invited/keynote talk
Reasons for participation: Upon invitation
Corresponding author: Yes
City of event: Santiago de Compostela, Spain
Date of event: 27/11/2009
Gilcoto, Miguel.

55 **Title of the work:** Estimaciones robustas de corrientes con ADCPs de cuatro transductores
Name of the conference: XIII Congreso Latinoamericano de Ciencias del Mar
Type of event: Conference
Geographical area: Non EU International
Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

Corresponding author: Yes
City of event: Habana, Cuba
Date of event: 26/10/2009
With external admission assessment committee: Yes
Gilcoto, Miguel; Jones, Emlyn; Fariña-Busto, Luis.

56 **Title of the work:** From ria dynamics to island wakes. Two examples of coastal oceanography studies
Name of the conference: Seminars of the Civil and Coastal Engineering Department, Florida University
Type of event: Seminar **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
City of event: Gainesville, United States of America
Date of event: 13/04/2009
Organising entity: Civil and Coastal Engineering Department **Type of entity:** University Department
City organizing entity: University of Florida, United States of America
Gilcoto, Miguel.

57 **Title of the work:** Multiparametric interpolation of anthropogenic carbon with world ocean atlas (WOA05) data
Name of the conference: XIV Seminario Ibérico de Qímica Marina
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Cádiz, Spain
Date of event: 22/09/2008
With external admission assessment committee: Yes
Velo, A.; Gilcoto, M.; Ríos, A. F.; Pérez, F. F.

58 **Title of the work:** Island wakes in numerical models of shallow waters regions
Name of the conference: 2008 Ocean Science Meeting, ASLO
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Orlando, United States of America
Date of event: 03/02/2008
Organising entity: ASLO **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Gilcoto, M.; Wu, L. Y.; Tomczak, M.; Sandery, P.

59 **Title of the work:** A barotropic bidirectional flow as subtidal exchange between an estuary and the shelf: the Ría de Vigo
Name of the conference: 14th National Australian Meteorological and Oceanographic Society Conference
Type of event: Conference **Geographical area:** National
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Adelaida,
Date of event: 02/05/2007
Organising entity: National Australian Meteorological and Oceanographic Society **Type of entity:** Associations and Groups

City organizing entity: Australia
With external admission assessment committee: Yes
Gilcoto, Miguel; Pardo, Paula C.; Álvarez-Salgado, X. A.; Pérez, Fiz F.

60 **Title of the work:** Geochemical vs. microbial approach to the new production of the coastal upwelling system of the Ría de Vigo (NW Spain)
Name of the conference: I International Symposium in Marine Sciencies Spanish GLOBEC-IMBER Symposium
Type of event: Conference
Geographical area: National
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
City of event: Valencia, Spain
Date of event: 28/03/2007
Piedracoba, S.; Nieto-Cid, M.; Souto, C.; Teixeira, I. G.; Gilcoto, Miguel; Garrido, J. L.; Álvarez-Salgado, X. A.; Rosón, G.; Varela, R.; Castro, C. G.; Figueiras, F. G.; Pérez, F. F.

61 **Title of the work:** Spatial and temporal variation in Octopus vulgaris paralarval supply on a wind-driven upwelling area (Ría de Vigo, NE Atlantic)
Name of the conference: I International Symposium in Marine Sciencies Spanish GLOBEC-IMBER Symposium
Type of event: Conference
Geographical area: National
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance
City of event: Valencia, Spain
Date of event: 28/03/2007
Otero, Jaime; Álvarez-Salgado, X. A.; González, Ángel F.; Gilcoto, Miguel; Souto, Carlos; Piedracoba, Silvia; Guerra, Ángel.

62 **Title of the work:** Lateral variability in the ria de Vigo (NW Spain)
Name of the conference: X Symposium on Oceanography of the Bay of Biscay
Type of event: Conference
Geographical area: European Union
Type of participation: Participatory - oral communication
Reasons for participation: Review before acceptance
City of event: Vigo, Spain
Date of event: 19/04/2006
Piedracoba, S.; Herrera, J. L.; Rosón, G.; Gilcoto, M.; Souto, C.; Ávarez-Salgado, X. A.

63 **Title of the work:** The use of surface drifting floats in the monitoring of oil spills. The Prestige case
Name of the conference: Symposium on Accidental Oil Spills VERTIMAR-2005
Type of event: Workshop
City of event: Vigo, Spain
Date of event: 13/07/2005
García-Ladona, Emilio; Salat, Jordi; del Río, Evilio; Juliá, Agustí; Chic, Oscar; Font, Jordi; Orfila, Alejandro; Álvarez, Alberto; Bastarretxea, Gotzon; Vizoso, Gonzalo; Piro, Oreste; Tintoré, Joaquin; Castanedo, Sonia; Gilcoto, Miguel; Herrera, José Luis; Llebot, Clara.

64 **Title of the work:** Climate variability and common octopus population changes in Galician shelf waters (NE Atlantic)
Name of the conference: ASLO Summer Meeting 2005
Type of event: Conference
Geographical area: Non EU International
Type of participation: 'Participatory - poster
Reasons for participation: Review before acceptance

City of event: Santiago de Compostela, Spain
Date of event: 19/06/2005
Organising entity: ASLO **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Otero, J.; González, A. F.; Álvarez-Salgado, X. A.; Gilcoto, M.; Guerra, A.; Rocha, F.; Groom, S. B.

65 **Title of the work:** The use of surface drifting floats in the monitoring of oil spills. The Prestige case
Name of the conference: International Oil Spill Conference 2005
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Miami, United States of America
Date of event: 17/05/2005
With external admission assessment committee: Yes
García-Ladona, Emilio; Salat, Jordi; del Río, Evilio; Julià, Agustí; Chic, Oscar; Font, Jordi; Orfila, Alejandro; Álvarez, Alberto; Basterretxea, Gotzon; Vizoso, Gonzalo; Piro, Oreste; Tintoré, Joaquin; Castanedo, Sonia; Gilcoto, Miguel; Herrera, José Luis; Llebot, Clara.

66 **Title of the work:** Shelf surface waters of the OMEX-II study area (NW Spain): upwelling on the shelf versus outwelling of upwelled waters from the Rías Baixas
Name of the conference: 32nd International Liège Colloquium on Ocean Dynamics
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster **Reasons for participation:** Review before acceptance
City of event: Lieja, Belgium
Date of event: 05/08/2000
With external admission assessment committee: Yes
Álvarez-Salgado, X. A.; Gago, J.; Míguez, M.; Gilcoto, M.; Pérez, F. F.

67 **Title of the work:** Corrientes reales en un estuario estuario parcialmente mezclado
Name of the conference: Asamblea Hispano-Portuguesa de Geodesia y Geofísica
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Lagos, Portugal
Date of event: 02/08/2000
Fariña-Busto, L.; Míguez, B. M.; Souto, C.; Gilcoto, M.

68 **Title of the work:** Modelización prognóstica baroclínica de un estuario parcialmente mezclado: estudio de un modelo de la Ría de Vigo
Name of the conference: Asamblea Hispano-Portuguesa de Geodesia y Geofísica
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication **Reasons for participation:** Review before acceptance
City of event: Lagos, Portugal
Date of event: 02/08/2000
Souto, C.; Fariña-Busto, L.; Rodríguez, I.; Álvarez-Fanjul, E.; Gilcoto, M.

69 **Title of the work:** Dynamcis in the Ría de Vigo
Name of the conference: Euroconference Water and Life-Oceanography, Meteorology and Marine Resources
Geographical area: European Union

Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 25/05/2000
Míguez, B. M.; Fariña-Busto, L.; Souto, C.; Gilcoto, M.

70 **Title of the work:** Mesoscale and ADCP data along the cruise Azores-I
Name of the conference: CANIGO Subproject 2 Workshop
Type of event: Workshop **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Vigo, Spain
Date of event: 02/11/1999
Gilcoto, M.; Pérez, F. F.; Ríos, A. F.

71 **Title of the work:** Thermohaline and dynamic fields in the Cruise Azores-I
Name of the conference: CANIGO Subproject 2 Workshop
Type of event: Workshop **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 02/11/1999
Pérez, F. F.; Gilcoto, M.; Ríos, A. F.

R&D management and participation in scientific committees

Organization of R&D activities

1 **Title of the activity:** VI Expanding Ocean Frontiers conference (EOF 2021)
Type of activity: Miembro Comité Científico **Geographical area:** Non EU International
City of event: Barcelona, Catalonia, Spain
Convening entity: Universitat Politècnica de Catalunya **Type of entity:** University
City convening entity: Barcelona, Catalonia, Spain
Type of participation: Miembro Comité Científico
Start-End date: 05/07/2021 - 07/07/2021

2 **Title of the activity:** International Workshop on Marine Technology (MARTECH 2021)
Type of activity: Miembro Comité Organizador Local **Geographical area:** Non EU International
City of event: Vigo, Galicia, Spain
Convening entity: Universidade de Vigo **Type of entity:** University
City convening entity: Vigo, Galicia, Spain
Type of participation: Organiser
Start-End date: 16/06/2021 - 18/06/2021

3 **Title of the activity:** V Encuentro de la Oceanografía Física (2018)
Type of activity: Miembro Comité Organizador **Geographical area:** National
City of event: Vigo, Galicia, Spain
Convening entity: Universidade de Vigo **Type of entity:** University
City convening entity: Vigo, Galicia, Spain
Type of participation: Miembro Comité Organizador

Start-End date: 20/06/2018 - 22/06/2018

4 **Title of the activity:** IV Encuentro de la Oceanografía Física Española (2016)
Type of activity: Miembro Comité Científico **Geographical area:** National
City of event: Alicante, Valencian Community, Spain
Convening entity: Universidad de Alicante **Type of entity:** University
City convening entity: Alicante, Valencian Community, Spain
Type of participation: Miembro Comité Científico
Start-End date: 20/07/2016 - 23/07/2016

5 **Title of the activity:** III Encuentro de la Oceanografía Física Española (2014)
Type of activity: Miembro Comité Científico **Geographical area:** National
City of event: Las Palmas de Gran Canaria, Canary Islands, Spain
Convening entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University
City convening entity: Las Palmas de Gran Canaria, Canary Islands, Spain
Start-End date: 11/06/2014 - 13/06/2014

6 **Title of the activity:** XV Seminario Ibérico de Química Marina
Type of activity: Secretario Ejecutivo **Geographical area:** European Union
City of event: Vigo, Galicia, Spain
Convening entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
City convening entity: Galicia, Spain
Type of participation: Secretary
Nº assistants: 100
Start-End date: 22/02/2010 - 24/02/2010

7 **Title of the activity:** Workshop Oceanografía e Hidráulica Estadística y Computacional
Type of activity: Miembro Comité Científico **Geographical area:** National
City of event: Santiago de Compostela, Galicia, Spain
Convening entity: Ingenio MATHEMATICA (i-MATH) **Type of entity:** Proyecto CONSOLIDER nodo CESGA
City convening entity: Galicia, Spain
Start-End date: 27/11/2009 - 27/11/2009

R&D management

1 **Name of the activity:** Campaña Oceanográfica FICARAM XVIII
Type of management: Campaña Oceanográfica
Performed tasks: Jefe de Campaña
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 04/04/2019 **Duration:** 43 days
Geographical area: National

2 **Name of the activity:** Instituto de Investigaciones Marinas
Type of management: Management of body
Performed tasks: Vicedirector de Organización del IIM
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 31/07/2018 **Duration:** 3 years

3 **Name of the activity:** Departamento de Oceanografía
Type of management: Management of body
Performed tasks: Jefe de Departamento
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 09/02/2015 **Duration:** 3 years - 9 months

4 **Name of the activity:** Campaña Oceanográfica CATARINA
Type of management: Campaña Oceanográfica
Performed tasks: Responsable de Oceanografía Física
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 22/06/2012 **Duration:** 1 month - 2 days
Geographical area: National

5 **Name of the activity:** Grupo de Oceanología
Type of management: Group management
Performed tasks: Jefe de Grupo
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 24/09/2010 **Duration:** 1 year
Geographical area: National

6 **Name of the activity:** Secretario Claustro del Instituto de Investigaciones Marinas
Type of management: Management of body
Performed tasks: Secretario de Claustro
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 20/05/2010 **Duration:** 5 years - 2 months

7 **Name of the activity:** Campaña Oceanográfica CAIBOX
Type of management: Campaña Oceanográfica
Performed tasks: Jefe de Campaña
Entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Start date: 25/07/2009 **Duration:** 21 days
Geographical area: National

8 **Name of the activity:** Campaña Antártica 2004-2005
Type of management: Management of R&D&I actions and projects
Performed tasks: Jefe de la Base Antártica Española Juan Carlos I
Entity: UNIDAD DE TECNOLOGIA MARINA **Type of entity:** State agency
Start date: 01/11/2004 **Duration:** 5 months
Geographical area: Non EU International

Evaluation and revision of R&D projects and articles

1 **Name of the activity:** California Sea Grant College Program
Performed tasks: Research project reviewer
Entity where activity was carried out: University of California **Type of entity:** University
City of entity: California, United States of America
Geographical area: Non EU International
Start-End date: 01/08/2013 - 31/08/2013

2 **Name of the activity:** Estuarine, Coastal and Shelf Science
Performed tasks: Journal reviewer
Entity where activity was carried out: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 25/09/2009

3 **Name of the activity:** Continental and Shelf Research
Performed tasks: Journal reviewer
Entity where activity was carried out: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 07/07/2009

4 **Name of the activity:** Ocean Modelling
Performed tasks: Journal reviewer
Entity where activity was carried out: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 23/12/2008

5 **Name of the activity:** Journal of Geophysical Research - Oceans
Performed tasks: Journal reviewer
Entity where activity was carried out: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Type of activity: Review of articles in scientific or technological journals
Geographical area: Internacional
Start date: 22/08/2003

Other achievements

Stays in public or private R&D centres

1 **Entity:** École Polytechnique Fédérale de Lausanne (EPFL) **Type of entity:** University
Faculty, institute or centre: APHYS-EPFL
City of entity: Lausanne, Switzerland
Start-End date: 01/03/2020 - 08/03/2020 **Duration:** 8 days
Goals of the stay: Guest
Provable tasks: Sampling of turbulence microstructure characteristics in the water column of the Lake Geneva

2 **Entity:** BIO Hesperides **Type of entity:** Buque Oceanográfico
City of entity: BIO Hesperides, Spain
Start-End date: 04/04/2019 - 17/05/2019 **Duration:** 44 days
Funding entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
Name of programme: FICARAM
Goals of the stay: Campaña Oceanográfica CATARINA
Provable tasks: Jefe de Campaña

3 **Entity:** B/O Ángeles Alvariño **Type of entity:** Public Research Body
Faculty, institute or centre: Instituto Español de Oceanografía
City of entity: BIO Hesperides, Spain
Start-End date: 29/06/2018 - 17/07/2018 **Duration:** 19 days
Funding entity: Agencia Española de Investigación **Type of entity:** State agency
Name of programme: REMEDIOS
Goals of the stay: Campaña Oceanográfica REMEDIOS TLP
Provable tasks: Responsable Oceanografía Física

4 **Entity:** Universidad de Lisboa **Type of entity:** University
Faculty, institute or centre: Instituto Dom Luiz
City of entity: Lisboa, Portugal
Start-End date: 15/01/2014 - 15/12/2014 **Duration:** 11 months
Goals of the stay: Guest
Provable tasks: Introducción a la modelización numérica hidrodinámica con ROMS

5 **Entity:** B/O Sarmiento de Gamboa **Type of entity:** Buque Oceanográfico
Faculty, institute or centre: Unidad de Tecnologías Marinas, Consejo Superior de Investigaciones Científicas
City of entity: B/O Sarmiento de Gamboa, Spain
Start-End date: 22/06/2012 - 24/07/2012 **Duration:** 1 month - 2 days
Funding entity: Ministerio de Ciencia e Innovación **Type of entity:** Organismo Público
Name of programme: CArbon Transport and Acidification Rates In the North Atlantic (CATARINA, CTM2010-17141)
Goals of the stay: Campaña Oceanográfica CATARINA
Provable tasks: Responsable de Oceanografía Física de la campaña

6 **Entity:** University of Otago **Type of entity:** University
Faculty, institute or centre: Department of Marine Science
City of entity: Dunedin, New Zealand
Start-End date: 01/03/2010 - 01/05/2010 **Duration:** 2 months
Funding entity: Ministerio de Educación **Type of entity:** Organismo Público
Name of programme: Programa "José Castillejo" para estancias de movilidad en el extranjero de jóvenes doctores
Goals of the stay: Post-doctoral
Provable tasks: Investigador Invitado

7 **Entity:** B/O Sarmiento de Gamboa **Type of entity:** R&D Centre
Faculty, institute or centre: Unidad de Tecnologías Marinas, Consejo Superior de Investigaciones Científicas
City of entity: B/O Sarmiento de Gamboa, Spain
Start-End date: 25/07/2009 - 14/08/2009 **Duration:** 21 days
Funding entity: Ministerio de Ciencia y Tecnología **Type of entity:** Organismo Público
Name of programme: Intercambio plataforma-océano en el Ecosistema Marino de las Ilas Canarias-Península Ibérica (CAIBEX, CTM2007-66408-C02-01)
Goals of the stay: Campaña Oceanográfica CAIBOX
Provable tasks: Jefe de Campaña

8 **Entity:** University of Florida **Type of entity:** University
Faculty, institute or centre: Department of Civil and Coastal Engineering
City of entity: Gainesville, United States of America
Start-End date: 01/12/2008 - 15/02/2009 **Duration:** 2 months - 15 days
Funding entity: Xunta de Galicia
Name of programme: Programa de recursos humanos do Plan Galego de Investigación, Desenvolvemento e Innovación Tecnolóxica-Incite (2006-2010)
Goals of the stay: Post-doctoral
Provable tasks: Investigador invitado en dinámica de estuarios

9 **Entity:** Flinders University **Type of entity:** University
Faculty, institute or centre: School of Chemistry, Physics and Environmental Sciences
City of entity: Adelaide, Australia
Start-End date: 20/03/2006 - 21/03/2008 **Duration:** 2 years - 1 day
City funding entity: Flinders University, Australia
Goals of the stay: Contracted

10 **Entity:** Unidad de Tecnologías Marinas, Consejo Superior de Investigaciones Marinas **Type of entity:** State agency
Faculty, institute or centre: Base Antártica Española Juan Carlos I
City of entity: Isla Livingston, Shetlands del Sur, Antarctica
Start-End date: 28/11/2004 - 06/03/2005 **Duration:** 3 months - 8 days
Goals of the stay: Contracted
Provable tasks: Jefe de Base

11 **Entity:** B/O L'Atalante **Type of entity:** R&D Centre
Faculty, institute or centre: IFREMER
City of entity: B/O L'Atalante, France
Start-End date: 27/12/2002 - 31/12/2002 **Duration:** 5 days
Goals of the stay: Campaña Oceanográfica Prestige

Provable tasks: Observador para el Instituto de Investigaciones Marinas de las actividades del batiscafo Nautile en el reconocimiento de las fugas de fuel en el pecio del Prestige

12 **Entity:** BIO Hesperides **Type of entity:** R&D Centre
Faculty, institute or centre: Unidad de Tecnologías Marinas, Consejo Superior de Investigaciones Marinas
City of entity: BIO Hesperides, Spain
Start-End date: 24/10/2000 - 11/11/2000 **Duration:** 18 days
Goals of the stay: Campaña Oceanográfica FICARMA I
Provable tasks: Mantenimiento de la adquisición de datos de presion parcial de CO2, termosalinografo y CTD-Roseta

13 **Entity:** IFREMER **Type of entity:** Public Research Body
Faculty, institute or centre: Laboratoire de Physique des Océans, Centre Ifremer de Brest
City of entity: Brest, France
Start-End date: 15/01/2000 - 15/02/2000 **Duration:** 1 month
Funding entity: Xunta de Galicia
Name of programme: Bolsas para estadías no estranxeiro e en centros españois situados fóra da Comunidade Autónoma
Goals of the stay: Becario Predoctoral
Provable tasks: Tratamiento y procesamiento de datos de la campaña CANIGO I

14 **Entity:** BIO Hesperides **Type of entity:** R&D Centre
Faculty, institute or centre: Unidad de Tecnologías Marinas, Consejo Superior de Investigaciones Marinas
City of entity: BIO Hesperides, Spain
Start-End date: 28/07/1998 - 28/08/1998 **Duration:** 1 month
Funding entity: Canary Islands, Gibraltar and Azores observation (CANIGO, U.E. MAS3–CT96–0060)
Name of programme: Campaña del proyecto de la Unión Europea CANIGO
Goals of the stay: Campaña Oceanográfica AZORES 1
Provable tasks: Tratamiendo de datos de ADCP, N?-Shuttle, CTD-Rosseta y termosalinógrafo/fluorómetro/meteorologica en continuo

Prizes, mentions and distinctions

Description: Ig Nobel 2023 in Physics laureate
Awarding entity: Annals of Improbable Research
City awarding entity: Cambridge, Massachusetts, United States of America
Conferral date: 14/09/2023

Periods of research activity

1 **Nº of recognized periods:** 4
Geographical area: National
Certifying entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Date of recognition: 02/07/2022

2 **Nº of recognized periods:** 4
Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora **Type of entity:** Organismo Público
Date of recognition: 03/05/2022