



Miguel Gil Coto

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Date of document: 18/07/2021

v 1.4.3

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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. Arnaldo 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. Two quite cited articles were the result of the combination and



the international recognition that there are proofs showing, contrary to expected, that coastal upwelling is weakening in Galicia.



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.

36 articles + 1 Special Volume edited

27 articles in Q1, 799 total cites (731 without self citations)

38.05 cites/year

H index=17

68 oral/poster communications/ (7 invited)

22 Research projects (5 as PI)

3 PhD. Theses, 5 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)

3 research sexennial (1998-2003, 2004-2009, 2010-2015)

3 productivity-CSIC quinquennium (1997-2006, 2007-2011, 2012-2016)

Reviewer for Journal of Geophysical Research; Estuarine, Continental and Shelf Science; Coastal Science Research; Ocean Modelling; Ciencias Marinas

Reviewer of Research Projects for University of California

Member of Scientific Committees:

Workshop Oceanografía e Hidráulica Estadística y Computacional (2009)

XV Seminario Ibérico de Química Marina (2010)

III EOF (2014), IV EOF (2016), V EOF (2018)

Leader of the Juan Carlos I Antarctic 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 Oceanoxia 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 years)

Deputy Director IIM-CSIC (July/2018-June/2021, 3 years)



Miguel Gil Coto

Surname(s): **Gil Coto**
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 ORCID: **0000-0003-3025-4258**
 ScopusID: **6505982796**
 ResearcherID: **B-4120-2015**
 Contact aut. region/reg.: **Galicia**
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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 **Type of entity:** State agency
City employing entity: Vigo, Galicia, Spain
Professional category: Investigador Postdoctoral **Educational Management (Yes/No):** No
 "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: Adelaide, 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 Océano

Type of programme: Master's degree

Type of subject: Obligatory

University degree: Máster en Oceanografía

Start date: 04/11/2020

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 8

Entity: Universidade de Vigo

Faculty, institute or centre: Facultad de Ciencias del Mar

City of entity: Vigo, Galicia, Spain

Type of teaching: In person theory

End date: 04/11/2020

Type of entity: University



- 2** **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Océano
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
- 3** **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Océano
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
- 4** **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Océano
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
- 5** **Type of teaching:** Official teaching
Name of the course: Procesos Físicos en el Océano
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
- 6** **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

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: 01/09/2013

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

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: 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

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: 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

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: 22/09/2010

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

11 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

12 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: 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

2 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

- 3** **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
- 4** **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
- 5** **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
- 6** **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: Beatriz 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
- 7** **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
- 8** **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
City of entity: Vigo, Galicia, Spain
Student: Olav Safo Piñeiro Rodríguez
Obtained qualification: 8.5
Date of reading: 23/07/2014

Type of entity: University

9 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
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

Type of entity: University

10 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
City of entity: Vigo, Galicia, Spain
Student: Paula Conde Pardo
Obtained qualification: Sobresaliente Cum Laude
Date of reading: 25/06/2013

Type of entity: University

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: 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

- 2** **Name of the project:** Efectos del oleaje en el Sistema de Afloramiento de la Rías Baixas: dinámica superficial en casos de estudio biológicos específicos (STRAUSS)
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 - 30/05/2023 **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 TECNOLÓGICO DEL MAR; Meteogalicia; Plymouth Marine Laboratory; The BDRI; Universidade de Vigo; Université de Quebec; University of California Davis; University of Washington
Total amount: 267.410 € **Sub-project amount:** 267.410 €
Dedication regime: Full time
- 3** **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
- 4** **Name of the project:** 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

5 Name of the project: Axudas para a consolidación e estruturación 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 estruturación 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 €

6 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

7 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

8 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

9 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

10 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 Cientificas

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

11 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

12 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

13 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

14 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 González González

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

15 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 Prestige

Start-End date: 01/04/2003 - 31/12/2003

Participating entity/entities: AZTI Tecnalia; IEO; IIM-CSIC; IIQAB-CSIC

Dedication regime: Part time

16 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

17 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

18 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

19 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

N° 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

20 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

N° 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

21 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

22 Name of the project: Construcción y validación de un modelo de circulación en la ría de Vigo y su aplicación a la descripción de los mecanismos forzadores y a los ciclos biogeoquímicos

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

23 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

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 Villaceros 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: 17

Date of application: 26/02/2021

Fuente de Índice H: WOS

Publications, scientific and technical documents

- 1 M. Gilcoto; J. L. Largier; E. D. Barton; S. Piedracoba; R. Torres; R. Graña; F. Alonso Pérez; N. Villaceros-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

Position of signature: 1

Total no. authors: 9

Impact source: ISI

Impact index in year of publication: 4.339

Position of publication: 11

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 190



Source of citations: WOS

Citations: 5

Relevant publication: Yes

- 2** 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

Position of signature: 5

Total no. authors: 6

Impact source: ISI

Impact index in year of publication: 3.391

Position of publication: 4

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Oceanography

Journal in the top 25%: Yes

No. of journals in the cat.: 63

Citations: 8

- 3** 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

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.512

Position of publication: 5

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Oceanography

Journal in the top 25%: Yes

No. of journals in the cat.: 61

Citations: 5

- 4** 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

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.025

Position of publication: 5

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: OCEANOGRAPHY

Journal in the top 25%: Yes

No. of journals in the cat.: 61

Citations: 11

- 5** 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**Position of signature:** 4**Total no. authors:** 6**Impact source:** ISI**Impact index in year of publication:** 2.476**Position of publication:** 20**Source of citations:** WOS**Relevant publication:** Yes**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%:** Yes**No. of journals in the cat.:** 103**Citations:** 18

- 6** 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**Position of signature:** 4**Total no. authors:** 4**Impact source:** ISI**Impact index in year of publication:** 3.708**Position of publication:** 4**Source of citations:** WOS**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** OCEANOGRAPHY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 60**Citations:** 16

- 7** 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**Position of signature:** 4**Total no. authors:** 5**Impact source:** ISI**Impact index in year of publication:** 6.346**Position of publication:** 3**Source of citations:** WOS**Relevant publication:** Yes**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No**Category:** ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 193**Citations:** 69

- 8** 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**Position of signature:** 1**Total no. authors:** 3**Impact source:** ISI**Impact index in year of publication:** 1.588**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes**Category:** ENGINEERING, OCEAN**Journal in the top 25%:** Yes



Position of publication: 2

Source of citations: WOS

Relevant publication: Yes

No. of journals in the cat.: 15

Citations: 7

- 9** 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

Position of signature: 1

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.953

Position of publication: 12

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: Yes

Category: GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 137

Citations: 18

- 10** 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

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 2.992

Position of publication: 7

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 128

Citations: 44

- 11** 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

Position of signature: 2

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 2.992

Position of publication: 7

Source of citations: WOS

Relevant publication: Yes

Format: Journal

Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 128

Citations: 23

- 12** 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
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 10.1029/2000JC000665
Position of publication: 8
Source of citations: WOS
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 117
Citations: 34
- 13** 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
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.096
Position of publication: 14
Source of citations: WOS
Relevant publication: Yes
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Oceanography
Journal in the top 25%: No
No. of journals in the cat.: 38
Citations: 111
- 14** 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
Total no. authors: 7
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 15** 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
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 6.551
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes

**Position of publication:** 25**No. of journals in the cat.:** 274

- 16** 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
Position of signature: 7
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 4.06
Position of publication: 3
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: Oceanography
Journal in the top 25%: Yes
No. of journals in the cat.: 67
Citations: 0
- 17** 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
Position of signature: 2
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.235
Position of publication: 9
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: Oceanography
Journal in the top 25%: Yes
No. of journals in the cat.: 66
Citations: 2
- 18** 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
Position of signature: 3
Total no. authors: 6
Impact source: ISI
Impact index in year of publication: 3.245
Position of publication: 8
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: Oceanography
Journal in the top 25%: Yes
No. of journals in the cat.: 66
Citations: 0
- 19** 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
Position of signature: 9

Total no. authors: 15

Impact source: ISI

Impact index in year of publication: 35.95

Position of publication: 4

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: Oceanography

Journal in the top 25%: Yes

No. of journals in the cat.: 64

Citations: 7

- 20** 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

Position of signature: 4

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 2.939

Position of publication: 11

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: Oceanography

Journal in the top 25%: Yes

No. of journals in the cat.: 63

Citations: 3

- 21** 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

Position of signature: 6

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 2.185

Position of publication: 11

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: Science Edition - FISHERIES

Journal in the top 25%: Yes

No. of journals in the cat.: 50

Citations: 5

- 22** Garcí 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

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 105

Citations: 6



Relevant publication: No

- 23** 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
- 24** 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: 78
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: ENVIRONMENTAL SCIENCES
Journal in the top 25%: No
No. of journals in the cat.: 205
Citations: 38
- 25** 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
Position of signature: 4
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 1.079
Position of publication: 55
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.: 93
Citations: 9
- 26** 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
Position of signature: 7
Total no. authors: 12
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No



Impact source: ISI
Impact index in year of publication: 3.587
Position of publication: 11
Source of citations: WOS

Category: GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 167
Citations: 22

- 27** 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
Position of signature: 3

Total no. authors: 5

Impact source: ISI
Impact index in year of publication: 2.238
Position of publication: 11

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: OCEANOGRAPHY
Journal in the top 25%: Yes
No. of journals in the cat.: 56

Citations: 12

- 28** 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
Position of signature: 4

Total no. authors: 5

Impact source: ISI
Impact index in year of publication: 2.519
Position of publication: 8

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: OCEANOGRAPHY
Journal in the top 25%: Yes
No. of journals in the cat.: 56

Citations: 34

- 29** 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
Position of signature: 4

Total no. authors: 5

Impact source: ISI
Impact index in year of publication: 2.631
Position of publication: 7

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: OCEANOGRAPHY
Journal in the top 25%: Yes
No. of journals in the cat.: 50

Citations: 7

- 30** 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.marevres.2006.06.004

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 8

Impact source: ISI

Impact index in year of publication: 2.106

Position of publication: 32

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 144

Citations: 30

- 31** 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

Position of signature: 3

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 1.633

Position of publication: 15

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: Oceanography

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 15

- 32** 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

Position of signature: 12

Total no. authors: 12

Impact source: ISI

Impact index in year of publication: 1.562

Position of publication: 16

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: Oceanography

Journal in the top 25%: No

No. of journals in the cat.: 46

Citations: 15

- 33** 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

Position of signature: 2

Total no. authors: 2

Impact source: ISI

Impact index in year of publication: 2.052

Position of publication: 11

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Corresponding author: No

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 75

**Source of citations:** WOS**Citations:** 11

- 34** Gago, J; Alvarez-Salgado, XA; Gilcoto, M; Perez, FF. Assessing the contrasting fate of dissolved and suspended organic carbon in a coastal upwelling system ('Ría 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
Position of signature: 3
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 1.255
Position of publication: 15
Source of citations: WOS
Citations: 17
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Oceanography
Journal in the top 25%: No
No. of journals in the cat.: 41
- 35** Gago, J; Gilcoto, M; Perez, FF; Rios, AF. Short-term variability of fCO₂ in seawater and air-sea CO₂ fluxes in a coastal upwelling system (Ría 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
Position of signature: 2
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.555
Position of publication: 4
Source of citations: WOS
Citations: 21
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Oceanography
Journal in the top 25%: Yes
No. of journals in the cat.: 41
- 36** Pardo, PC; Gilcoto, M; Perez, FF. Short-time scale coupling between termohaline and meteorological forcing in the Ría de Pontevedra. SCIENTIA MARINA. 65, pp. 229 - 240. 07/2001. ISSN 0214-8358
DOI: 10.3989/scimar.2001.65s1229
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 3
Impact source: ISI
Impact index in year of publication: 0.547
Position of publication: 58
Source of citations: WOS
Citations: 21
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 71
- 37** 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
Position of signature: 1
Total no. authors: 3
Impact source: ISI
Format: Journal
Degree of contribution: Editor or co-editor
Corresponding author: Yes
Category: MARINE & FRESHWATER BIOLOGY



Impact index in year of publication: 0.609
Position of publication: 79

Journal in the top 25%: No
No. of journals in the cat.: 100

- 38** 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
Position of signature: 1
Corresponding author: Yes
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
- 39** Miguel Gil Coto; Matthias Tomczak. Thorny Passage deployment report. pp. 1 - 35. Adelaide(Australia): SoCPES, Flinders University, 2008.
Type of production: Scientific-technical report
Position of signature: 1
Total no. authors: 2
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: Yes
- 40** 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
Position of signature: 2
Total no. authors: 3
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: No
- 41** 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
Position of signature: 1
Total no. authors: 2
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: Yes
- 42** 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
Position of signature: 2
Total no. authors: 7
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: No
- 43** 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
Position of signature: 1
Total no. authors: 4
Format: Scientific and technical document or report
Degree of contribution: Author or co-author of reserved scientific or technical document
Corresponding author: Yes
- 44** 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
Position of signature: 1
Format: Scientific and technical document or report



Total no. authors: 3

Degree of contribution: Author or co-author of reserved scientific or technical document

Corresponding author: Yes

- 45** 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

- 46** 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:** 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: Associazione Italiana 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.

- 2** **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.



- 3** **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.
- 4** **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.
- 5** **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
- 6** **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 RAI: High frequency radars in the RAI Observatory". (Spain): Available on-line at: <<http://proceedings2021.martech-workshop.org/978-84-09-31270-2>>. ISBN 978-84-09-31270-2

7 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

8 Title of the work: Effects of high temperature and turbulence on ecophysiological responses of the clam *Polititapes rhomboides*

Name of the conference: Encuentros 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.

9 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.

- 10** **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>>.
- 11** **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.
- 12** **Title of the work:** Understanding the mortality event of *Politapes 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.
- 13** **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 **Reasons for participation:** Upon invitation talk
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.



- 14** **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.
- 15** **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>.
- 16** **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>.
- 17** **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>.
- 18** **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>.

19 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>.

20 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>.

21 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>.

22 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>.

- 23** **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. Villaceros-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>.
- 24** **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>.
- 25** **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>.
- 26** **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>.
- 27** **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.

28 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 Fernández Castro; Josep Gasol; Miguel Gil Coto; Rocío Fernández Graña; Mikel Latasa; Luis Lubián; Emilio Maraón; Xosé Anxelu G. Morán; Enrique Moreno Ostos; Víctor Moreira Coello; José Luis Otero Ferrer; Manuel Ruíz; Renate Schareck; Sergio Vallina; Marta Varela; Marina Villamaña.

29 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.

30 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.

31 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 Villaceros Robineau; Fernando Alonso Pérez; Rocío Fernández Graña; Silvia Piedracoba Varela; Ricardo Torres Almarza; John Largier; Eric Desmond Barton.

32 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.

33 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 Villaceros 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>>.

- 34** **Title of the work:** Seasonal cycle of stratification and mixing in the Ría de Vigo
Name of the conference: CERF2015
Type of event: Conference
Type of participation: 'Participatory - poster
Geographical area: Non EU International
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 Villaceros 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>>.
- 35** **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
Type of participation: Participatory - oral communication
Geographical area: Non EU International
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.
- 36** **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
Type of participation: 'Participatory - poster
Geographical area: Non EU International
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.
- 37** **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, Faculdade 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.

38 **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.

39 **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.

40 **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.

- 41** **Title of the work:** Two examples of coastal oceanography to be explored with ROMS
Name of the conference: Seminários de Oceanografia, Centro de Oceanografía, Faculdade 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.
- 42** **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, Associação 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: Associação 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.; Villaceros-Robineau, N.; Alonso-Pérez, F.; Graña, R.; Piedracoba, S.; Torres, R.; Largier, J.; Barton, E. D.; Coucheiro-Dios, A.
- 43** **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.; Villaceros-Robineau, N.; Alonso-Pérez, F.
- 44** **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.



- 45** **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.
- 46** **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.
- 47** **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.
- 48** **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.



- 49** **Title of the work:** Distribución de masas de agua y transportes en la sección CAIBOX-20°W
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.
- 50** **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.
- 51** **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 **Reasons for participation:** Upon invitation talk
Corresponding author: Yes
City of event: Santiago de Compostela, Spain
Date of event: 27/11/2009
Gilcoto, Miguel.
- 52** **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.
- 53** **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 **Reasons for participation:** Upon invitation talk
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.

54 Title of the work: Multiparametric interpolation of anthropogenic carbon with world ocean atlas (WOA05) data

Name of the conference: XIV Seminario Ibérico de Química 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.

55 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.

56 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.

57 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 Sciences 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.

- 58** **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 Sciences Spanish GLOBEC-IMBER Symposium
Type of event: Conference
Type of participation: 'Participatory - poster
Geographical area: National
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.
- 59** **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
Type of participation: Participatory - oral communication
Geographical area: European Union
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.; Álvarez-Salgado, X. A.
- 60** **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.
- 61** **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
Type of participation: 'Participatory - poster
Geographical area: Non EU International
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.
- 62** **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
Type of participation: 'Participatory - poster
Geographical area: Non EU International
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.

- 63 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.

- 64 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.

- 65 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.

- 66 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.

- 67 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.



- 68** **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:** 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
- 2** **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
- 3** **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
- 4** **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



- 5 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
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, Antartica

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 Nautilo 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 presión parcial de CO₂, termosalinógrafo 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 estadias 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: Tratamiento de datos de ADCP, N²-Shuttle, CTD-Roseta y termosalinógrafo/fluorómetro/meteorológica en continuo

Periods of research activity

1 N° of recognized periods: 3

Geographical area: National

Certifying entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

Date of recognition: 03/11/2017



2 Nº of recognized periods: 3

Certifying entity: Comisión Nacional Evaluadora de la Actividad Investigadora **Type of entity:** Organismo Público

Date of recognition: 13/06/2016