



Iria García Moreiras

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Iria García Moreiras

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Current professional situation

Employing entity: Universidade de Vigo

Department: Centro de Investigación Mariña, Centro de Investigación Mariña

Professional category: Investigadora posdoutoral

City employing entity: Spain

Phone: **[REDACTED]**

Start date: 01/07/2024

Type of contract: Permanent employment contract

Dedication regime: Part time

Primary (UNESCO code): 241603 - Palynology; 241710 - Palaeobotany; 251004 - Marine botany

Identify key words: Botany; Palynology; Palaeobotany

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidade de Vigo	Profesora substituta	10/10/2023
2	Universidade de Vigo	Investigadora posdoctoral de la Xunta	16/10/2019
3	Ayuntamiento de Priaranza del Bierzo (León)	Miembro del equipo de investigación	01/04/2018
4	Universidade de Vigo	Docente substituta	09/11/2018
5	Universidade de Vigo	Investigadora	01/03/2018
6	Universidade de Vigo	Investigadora	15/02/2017
7	Universidade de Vigo	Investigadora predoctoral de la Xunta	15/12/2013
8	Universidade de Vigo	Investigadora	01/07/2012



- 1** **Employing entity:** Universidade de Vigo **Type of entity:** University
Professional category: Profesora substituta
Start-End date: 10/10/2023 - 30/06/2024 **Duration:** 8 months - 20 days
Dedication regime: Part time
Performed tasks: Docencia en botánica marina (grado ciencias del mar) y técnicas básicas de campo (grado en biología), en las Facultades de Biología y Ciencias del Mar del Campus de Vigo. Profesora contratada interina parcial de 5 horas semanales.
- 2** **Employing entity:** Universidade de Vigo **Type of entity:** University
City employing entity: VIGO,
Professional category: Investigadora posdoctoral de la Xunta
Start-End date: 16/10/2019 - 08/10/2023 **Duration:** 3 years - 11 months - 20 days
Dedication regime: Full time
Performed tasks: Investigación y docencia.
- 3** **Employing entity:** Ayuntamiento de Priaranza del Bierzo (León) **Type of entity:** Entidad pública local
Department: Departamento de Biología Vegetal y CC del Suelo, Universidade de Vigo
Professional category: Miembro del equipo de investigación **Leadership and management (Y/N):** No
Start-End date: 01/04/2018 - 31/12/2019 **Duration:** 1 year - 8 months
Type of contract: Actividad de transferencia contratada con gasto descentralizado
Dedication regime: Part time
Primary (UNESCO code): 241603 - Palinology; 241700 - Plant Biology (Botany); 550501 - Archaeology
Performed tasks: Este proyecto fue realizado en el contexto de la excavación arqueológica del yacimiento de Peña del Hombre (Priaranza del Bierzo, León). Consistió en realizar el análisis palinológico de muestras de suelo procedentes de dicho yacimiento, para aportar datos sobre la vegetación presente y contribuir a la reconstrucción arqueológica. Se emitió un informe científico-técnico completo. Los servicios se realizaron para el ayuntamiento de Priaranza del Bierzo y el presupuesto fue de 2240 €.
- 4** **Employing entity:** Universidade de Vigo **Type of entity:** University
City employing entity: VIGO,
Professional category: Docente substituta
Start-End date: 09/11/2018 - 31/08/2019 **Duration:** 9 months - 22 days
Dedication regime: Part time
Primary (UNESCO code): 241700 - Plant Biology (Botany)
Performed tasks: Docencia en biología, jardinería y botánica, en los grados de Ingeniería Agrónoma, Ciencias Medioambientales y Tecnología de los alimentos de la Facultad de Ciencias del Campus de Ourense. Profesora contratada interina parcial de 5 horas semanales.
- 5** **Employing entity:** Universidade de Vigo **Type of entity:** University
City employing entity: VIGO,
Professional category: Investigadora
Start-End date: 01/03/2018 - 31/10/2018 **Duration:** 8 months
Dedication regime: Full time
Primary (UNESCO code): 241600 - Palaeontology; 550508 - Palaeography; 550512 - Stratigraphy
Secondary (UNESCO code): 241710 - Palaeobotany; 250205 - Palaeoclimatology
Performed tasks: Investigación en un grupo de investigación.



- 6** **Employing entity:** Universidade de Vigo **Type of entity:** University
City employing entity: Vigo,
Professional category: Investigadora
Start-End date: 15/02/2017 - 31/10/2017 **Duration:** 8 months - 15 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 241600 - Palaeontology; 241603 - Palinology; 250619 - Stratigraphy; 251004 - Marine botany
Secondary (UNESCO code): 241710 - Palaeobotany; 250205 - Palaeoclimatology; 550508 - Palaeogeography
Performed tasks: Investigadora a cargo de proyecto en grupo de investigación.
- 7** **Employing entity:** Universidade de Vigo **Type of entity:** University
Department: Biología vegetal y CC del Suelo, Facultad de Biología
City employing entity: Vigo,
Professional category: Investigadora predoctoral de la Xunta
Start-End date: 15/12/2013 - 15/12/2016 **Duration:** 3 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Dedication regime: Full time
Primary (UNESCO code): 241603 - Palinology; 241710 - Palaeobotany; 250205 - Palaeoclimatology
Performed tasks: Investigación (realización de la tesis doctoral) y docencia
- 8** **Employing entity:** Universidade de Vigo **Type of entity:** University
Department: Facultad de Biología
City employing entity: Vigo, Galicia, Spain
Professional category: Investigadora
Start-End date: 01/07/2012 - 31/10/2013 **Duration:** 1 year - 3 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 241600 - Palaeontology; 241603 - Palinology; 251001 - Biological oceanography; 550512 - Stratigraphy
Secondary (UNESCO code): 241710 - Palaeobotany; 250205 - Palaeoclimatology; 550508 - Palaeogeography
Performed tasks: Investigadora en proyecto de investigación



Education

University education

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

- 1 University degree:** Higher degree
Name of qualification: MSc Terrestrial Ecosystems, Sustainable Use and Environ. Implications
Degree awarding entity: University of Vigo
Date of qualification: 01/07/2013
Average mark: Excellent
- 2 University degree:** Higher degree
Name of qualification: Degree in Biology
Degree awarding entity: University of Vigo
Date of qualification: 01/07/2012
Average mark: Good

Doctorates

Doctorate programme: PhD in Paleobotany
Degree awarding entity: University of Vigo
Date of degree: 27/11/2017
European doctorate: Yes
Date of certificate: 27/11/2017
Thesis title: Climatic and Environmental changes during the Last Glacial-Interglacial Transition: new palynological data from coastal ecosystems of Rías Baixas (NW Iberia)
Thesis director: Castor Muñoz Sobrino
Obtained qualification: Sobresaliente Cum Laude
Special doctorate award: Yes
Date of award: 03/12/2018

Teaching experience

General teaching experience

- 1 Type of teaching:** Official teaching
Name of the course: Botánica marina
Type of programme: Engineering
Type of subject: Obligatory
University degree: Docencia años 2022-2024
Start date: 10/10/2022
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 79
Entity: Facultad de ciencias del mar, Universidad de Vigo
Type of teaching: In person theory
End date: 10/07/2024



Department: Botany Area
City of entity: Orense, Galicia, Spain

2 Type of teaching: Official teaching

Name of the course: Biología

Type of programme: Engineering

Type of subject: Obligatory

University degree: Ciencias ambientales y otros

Start date: 09/11/2018

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 79

Entity: Facultad de ciencias, Universidad de Vigo

Department: Botany Area

City of entity: Orense, Galicia, Spain

Type of teaching: In person theory

End date: 31/08/2019

3 Name of the course: Jardinería

University degree: Graduado o Graduada en Ingeniería Agraria

Start date: 09/11/2018

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 28

Entity: Universidade de Vigo

End date: 31/08/2019

4 Name of the course: Botánica

University degree: Ciencia y Tecnología de los Alimentos

Start date: 2018

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 40

Entity: Universidade de Vigo

End date: 31/08/2019

5 Type of teaching: Official teaching

Name of the course: Botánica II: Arquegoniadas

Type of programme: Bachelor's degree

University degree: Graduado o Graduada en Biología

Start date: 2013

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 70

Entity: University of Vigo

Type of teaching: Laboratory work

End date: 2015

6 Type of teaching: Official teaching

Name of the course: Botánica Marina

Type of programme: Bachelor's degree

University degree: Graduado o Graduada en Ciencias del Mar

Start date: 2013

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 42

Entity: University of Vigo

Type of teaching: Laboratory work

End date: 2015

7 Type of teaching: Official teaching

Name of the course: Evaluación de Impacto Ambiental

Type of programme: Bachelor's degree

University degree: Graduado o Graduada en Biología

Type of teaching: Practical work (classroom-problems)

**Start date:** 2025**End date:** 2014**Type of hours/ ECTS credits:** Hours**Hours/ECTS credits:** 5**Entity:** University of Vigo

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Análise da composición, abundancia e distribución de palinomorfos terrestres e mariños en sedimentos contemporáneos da Ría de Vigo
Type of project: Tesis de Máster
Entity: Universidade de Vigo **Type of entity:** University
Student: Sarai Vilas Costa
Obtained qualification: Sobresaliente
Date of reading: 20/07/2020
- 2** **Project title:** Estudo do rexistro polínico actual en dúas lagoas do Campus de As Lagoas- Marcosende
Type of project: Tesis de máster
Entity: Universidade de Vigo
Student: Alberto Castro Parada
Obtained qualification: Sobresaliente
Date of reading: 20/02/2020

Other activities/achievements not included above

- 1** **Description of the activity:** Comitee member of Doctoral thesis defense
Organising entity: Bremen Universität
End date: 06/11/2024
- 2** **Description of the activity:** Comitee member of the final degree project
Organising entity: Marine science Faculty, University of Vigo
End date: 13/09/2023

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:** BENTHIC-PRO – Biodiversidade e redes tróficas nos fondos mariños para unha produción sostible
Entity where project took place: CIM-UVigo
Name principal investigator (PI, Co-PI....): Iria García Moreiras; Andreu Blanco Cartagena
Nº of researchers: 2
Start-End date: 01/01/2025 - 31/12/2025
Total amount: 10.000 €

- 2** **Name of the project:** TRANSFORMAR - Accelerating and upscaling transformational adaptation in Europe: demonstration of water-related innovation packages
Identify key words: Ocean; Palynology; Coastal ecosystems; Biological oceanography
Type of project: Precompetitive development **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: University of vIGO **Type of entity:** Public Research Body
City of entity: Spain
Type of participation: Team member
Name of the programme: H2020-LC-GD
Code according to the funding entity: PTDC/CTAAMB/ 31265/2017
Start-End date: 01/10/2021 - 30/09/2025 **Duration:** 4 years
Total amount: 452.500 €
Dedication regime: Part time

- 3** **Name of the project:** HABWAVE - From benthic resting stages to HAB events: understanding the role of physical-biological coupling off NW Portugal
Identify key words: Ocean; Palynology; Coastal ecosystems; Biological oceanography
Type of project: Precompetitive development **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: University of Lisbon **Type of entity:** State agency
City of entity: Portugal
Funding entity or bodies: FUNDAÇÃO PARA A CIÊNCIA E A TECNOLOGIA (FCT) **Type of entity:** Public Research Body
City funding entity: Portugal
Type of participation: Team member
Name of the programme: Projeto de ICDT
Code according to the funding entity: PTDC/CTAAMB/ 31265/2017
Start-End date: 23/09/2020 - 26/09/2022 **Duration:** 2 years
Sub-project amount: 238.767,55 €
Dedication regime: Part time

Applicant's contribution: Este proyecto interdisciplinar contó con la colaboración de diversas instituciones científicas portuguesas, incluyendo MARE, ARNET, el Instituto Hidrográfico, IPMA y CIIMAR, así como de la Universidad de Vigo. Su objetivo fue desarrollar herramientas de previsión para reducir el impacto de proliferaciones de microalgas nocivas en la acuicultura portuguesa, resultados que pueden representar un fuerte impacto en el ámbito de la gestión de recursos marinos. Mi rol como bióloga y especialista en microalgas consistió en investigar la distribución de quistes de dinoflagelados (incluyendo especies tóxicas) y su papel en el inicio de estas proliferaciones. El resto del equipo multidisciplinar estaba conformado por especialistas en oceanografía, física, matemáticas, sedimentología y oceanografía. Trabajando en el laboratorio de ficología de la Dr Ana Amorim, y como única especialista en quistes de dinoflagelados, me encargué del procesado y análisis de quistes de todas muestras de sedimentos y de la capa nefeloide, y también de preparar los manuscritos para su publicación. Los datos obtenidos permitieron reconstruir la trayectoria de los quistes y analizar los procesos oceanográficos que influyen en su dispersión, transporte y acumulación. Los resultados se publicaron en *Frontiers in Marine Science* (2021, 2023) y los datos están disponibles en repositorios abiertos (Pangaea). Además, participé en reuniones del proyecto y en la difusión de resultados en dos congresos (Dino12, 2022; SPECO, 2021), dos seminarios y un workshop.

4 Name of the project: ECOMER - Evaluation and contextualization of methane reservoirs in the Galician Rías in relation to sea-level oscillations and environmental changes during the Postglacial

Identify key words: Paleolithic and neolithic; Sedimentology; Palaeobotany; Paleontology

Identify key words: Geology; Sedimentology; Palynology; Palaeobotany

Type of project: Precompetitive development

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....): Soledad García-Gil

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE ECONOMÍA Y COMPETIVIDAD
(PLAN NACIONAL-2012 (FEDER))

Type of entity: State agency

City funding entity: Spain

Type of participation: Team member

Name of the programme: Plan Nacional 2012 (FEDER)

Code according to the funding entity: CGL2012-33584/BTE

Start-End date: 01/01/2013 - 21/12/2015

Duration: 3 years

Total amount: 152.100 €

Sub-project amount: 152.100 €

Dedication regime: Full time

Applicant's contribution: El proyecto interdisciplinar ECOMER se centró en investigar los procesos sedimentarios y los factores ambientales que llevaron a la formación de depósitos de gas metano en los fondos de las Rías Gallegas. Como parte del equipo investigador y miembro del laboratorio de palinología, realicé el análisis palinológico de varias muestras sedimentarias de la Ría de Vigo y la Ría de Arousa, en el contexto de mi tesis doctoral. El equipo estaba formado por científicos multidisciplinarios, tanto geólogos/as como biólogos/as. Participé en campañas de muestreo y analicé diferentes tipos de microfósiles (polen, esporas de microalgas y hongos, etc.) en cores sedimentarios para inferir diferentes condiciones ambientales. Los datos permitieron reconstruir los cambios en el nivel de mar, en el clima, en la producción primaria marina y en la distribución de la vegetación de la cuenca emergida durante la última transición glacial-interglacial. Todos los resultados fueron publicados en revistas de alto impacto, a destacar: *Quaternary Science*, *Global and Planetary Change* y *Palaeo3* (García-Moreiras et al., 2018, 2019ab). Parte del trabajo incluyó la colaboración con investigadores de la School of Earth and Ocean Sciences de la Universidad de Victoria (Canada), donde realicé mi estancia predoctoral y que me permitió incrementar la resolución y precisión del análisis e interpretación ecológica de quistes de dinoflagelados. También difundí los resultados en numerosas comunicaciones para congresos internacionales (Madrid, 2013; Porto, 2013; Padova, 2014; Roma, 2015).

5 Name of the project: Modelling the incidence of Global Change on sensitive coastal ecosystems: the case study of San Simón Bay

Identify key words: Climatology; Sedimentology; Palynology; Palaeobotany; Paleontology

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: University of Vigo

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Castor Muñoz Sobrino

Funding entity or bodies:

Xunta de Galicia

Type of participation: Team member

Code according to the funding entity: 10MDS310020PR

Start-End date: 07/08/2010 - 31/10/2013

Duration: 3 years - 2 months - 24 days

Total amount: 55.257,5 €

Sub-project amount: 55.257,5 €

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

1 Name of the project: Estudio palinológico para la excavación arqueológica del yacimiento de Peña del Hombre (Priaranza del Bierzo, León)

Identify key words: Palynology; Palaeobotany; Archeology

Entity where project took place: Ayuntamiento de Priaranza del Bierzo

Degree of contribution: Researcher

Type of entity: Ayuntamiento

Name principal investigator (PI, Co-PI....): Castor Muñoz Sobrino; Iria García Moreiras

Nº of researchers: 2

Participating entity/entities: Ayuntamiento de Priaranza del Bierzo

Start date: 01/04/2019

Duration: 9 months

Total amount: 2.240 €

Narrative explanation: Este proyecto de 1 año y 8 meses de duración fue realizado en el contexto de la excavación arqueológica del yacimiento de Peña del Hombre (Priaranza del Bierzo, León). Consistió en realizar el análisis palinológico de muestras de suelo procedentes de dicho yacimiento, para aportar datos sobre la vegetación presente y contribuir a la reconstrucción arqueológica. Se emitió un informe cinético-técnico completo. Los servicios se realizaron para el ayuntamiento de Priaranza del Bierzo y el presupuesto fue de 2240 €.

2 Name of the project: Carpological, palynological and antracological studies of sediments from the archeological excavation developed during the installation of drainage and sewer pipes at the road O.D.2 for the new access of the Ibiza Airport

Identify key words: Paleontology; Archeology

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): CASTOR MUÑOZ SOBRINO

Nº of researchers: 2

Participating entity/entities: Carpetania Integra S. L. L.; University of Vigo

Start date: 01/02/2014

Duration: 1 year - 6 months

Total amount: 6.929 €

Relevant results: Pollen analyses helped in establishing the historical context of sediments that probably belonged to old roman constructions.

Identify key words: Paleontology; Archeology



3 Name of the project: Pollen analyses of sediment samples obtained during the archeological excavations at the charterhouse of El Paular, Rascafría (Madrid)

Identify key words: Palaeobotany; Archeology

Degree of contribution: Palynological analyses

Name principal investigator (PI, Co-PI....): CASTOR MUÑOZ SOBRINO

Nº of researchers: 3

Participating entity/entities: Carpetania Arqueología y Restauración S.L.L; University of Vigo

Start date: 01/08/2012

Duration: 1 month

Total amount: 2.086 €

Relevant results: Paleobotanical analyses of sediments obtained at the archeological excavations at the old gardens of the Carthusian Monastery of Santa María de El Paular, allowed characterizing the most common plant species that the monks likely cultivated.

Identify key words: Palaeobotany; Paleontology; Archeology

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

1 I. García-Moreiras; S. Vila; S. García-Gil; C. Muñoz Sobrino. Organic-walled dinoflagellate cyst assemblages in surface sediments of the Ría de Vigo (Atlantic margin of NW Iberia) in relation to environmental gradients,. Marine Micropaleontology, <https://doi.org/10.1016/j.marmicro.2023.102217>. 2023.

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 4

Corresponding author: Yes

Impact source: WOS (JCR)

Category: Palaeontology

Impact index in year of publication: 2,1

Journal in the top 25%: No

Relevant publication: Yes

2 M. A. Serge; F. Mazier; R. Fyfe; M.J. Gaillard; T. Klein; A. Lagnoux; D. Galop; E. Githumbi; I. García-Moreiras; V.P. Zernitskaya. Testing the Effect of Relative Pollen Productivity on the REVEALS Model: A Validated Reconstruction of Europe-Wide Holocene Vegetation.Land, <https://doi.org/10.3390/land12050986>. 12, 2023.

Type of production: Scientific paper

Position of signature: 51

Total no. authors: 139

Corresponding author: No

Impact source: WOS (JCR)

Category: Environmental studies

Impact index in year of publication: 3,9

Journal in the top 25%: No

Relevant publication: Yes

3 V. Cartelle; I. García-Moreiras; N. Martínez-Carreño; C. Muñoz Sobrino; S. García-Gil. The role of antecedent morphology and changing sediment sources in the postglacial palaeogeographical evolution of an incised valley: The sedimentary record of the Ría de Arousa (NW Iberia). Global and Planetary Change, <https://doi.org/10.1016/j.gloplacha.2019.02.015>. 208, 2022.

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 5

Corresponding author: No

Impact source: WOS (JCR)

Category: Geosciences Multidisciplinary

**Impact index in year of publication:** 4.956**Journal in the top 25%:** Yes**Relevant publication:** Yes

- 4** I. García-Moreiras; A. Oliveira; A.I. Santos; P.B. Oliveira; A. Amorim. Environmental factors affecting spatial dinoflagellate cyst distribution in surface sediments off Aveiro-Figueira da Foz (Atlantic Iberian margin). *Frontiers in Marine Science*, <http://doi.org/10.3389/fmars.2021.699483>. 8, 2021.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** WOS (JCR)**Impact index in year of publication:** 3,661**Corresponding author:** Yes**Category:** Marine & Freshwater biology**Journal in the top 25%:** Yes**Relevant publication:** Yes

- 5** B. Davis; M. Chevalier; P. Sommer; V.A. Carter; W. Fisinger; M. Achille; L.N. Phelps; I. García-Moreiras; M. Zimny. The Eurasian Modern Pollen Database (EMPD), Version 2. ESSD, <https://doi.org/10.5194/essd-2020-14>. 2020. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84951335549&partnerID=MN8TOARS>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 38**Total no. authors:** 92**Impact source:** WOS (JCR)**Impact index in year of publication:** 2.199**Category:** Geosciences, multidisciplinary**Journal in the top 25%:** No**Relevant publication:** Yes

- 6** I. García Moreiras; C. Delgado; N. Martínez Carreño; S. García Gil; C. Muñoz Sobrino. Climate and vegetation changes in coastal ecosystems during the Middle Pleniglacial and the early Holocene: Two multi-proxy, high-resolution records from Ría de Vigo (NW Iberia). *Global and Planetary Change*. 176, pp. 100 - 122. 2019.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 5**Impact source:** WOS (JCR)**Impact index in year of publication:** 4,1**Corresponding author:** Yes**Category:** Geosciences Multidisciplinary**Journal in the top 25%:** Yes**Relevant publication:** Yes

- 7** I. García Moreiras; V. Cartelle; S. García Gil; C. Muñoz Sobrino. First high-resolution multi-proxy palaeoenvironmental record of the Late Glacial to Early Holocene transition in the Ría de Arousa (Atlantic margin of NW Iberia). *Quaternary Science Reviews*, <https://doi.org/10.1016/j.quascirev.2019.05.016>. 2019.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 4**Impact source:** WOS (JCR)**Impact index in year of publication:** 4,64**Corresponding author:** Yes**Category:** Geosciences Multidisciplinary**Journal in the top 25%:** Yes**Relevant publication:** Yes

- 8** I. García Moreiras; V. Pospelova; S. García Gil; C. Muñoz Sobrino. Climatic and anthropogenic impacts on the Ría de Vigo (NW Iberia) over the last two centuries: A high-resolution dinoflagellate cyst sedimentary record. *Palaeogeography, Palaeoclimatology, Palaeoecology*, <https://doi.org/10.1016/j.palaeo.2018.05.032>. 2018.

Type of production: Scientific paper**Position of signature:** 1

**Total no. authors:** 4**Impact source:** WOS (JCR)**Impact index in year of publication:** 2,48**Relevant publication:** Yes**Corresponding author:** Yes**Category:** Palaeontology**Journal in the top 25%:** Yes

- 9** C. Muñoz Sobrino; I. García Moreiras; L. Gómez Orellana; M.J. Iriarte Chiapusso; O. Heiri; A.F. Lotter; Pablo Ramil Rego. The last hornbeam forests in SW Iberia: new evidence on the demise of *Carpinus betulus* in NW Iberia. *Vegetation History and Archaeobotany*. Available on-line at: <https://doi.org/10.1007/s00334-017-0654-7>. 2018. Available on-line at: <https://doi.org/10.1007/s00334-017-0654-7>.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 7**Impact source:** WOS (JCR)**Impact index in year of publication:** 2,482**Relevant publication:** Yes**Category:** Palaeontology**Journal in the top 25%:** Yes

- 10** C. Muñoz Sobrino; I. García Moreiras; N. Martínez Carreño; V. Cartelle; T. Lado Insua; Javier Ferreiro Da Costa; Pablo Ramil Rego; Carlos Fernandez Rodriguez; Irene Alejo; Soledad García Gil. Reconstruction of the environmental history of a coastal insular system using shallow marine records: the last three millennia of the Cíes Islands (Ría de Vigo, NW Iberia). *Boreas*, <http://doi.org/10.1111/bor.12178>. 2016.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 10**Impact source:** WOS (JCR)**Impact index in year of publication:** 2.348**Relevant publication:** Yes**Corresponding author:** No**Category:** Geosciences, multidisciplinary**Journal in the top 25%:** No

- 11** M.J. Iriarte-Chiapusso; C. Muñoz Sobrino; L. Gómez-Orellana; B. Hernández-Beloqui; I. García-Moreiras; C. Fernández Rodríguez; O. Heiri; A.F. Lotter; P. Ramil-Regó. Reviewing the Lateglacial-Holocene transition in NW Iberia: A palaeoecological approach based on the comparison between dissimilar regions. *Quaternary International*, <http://dx.doi.org/10.1016/j.quaint.2015.09.029>. 2016. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84951335549&partnerID=MN8TOARS>.

Type of production: Scientific paper**Position of signature:** 5**Total no. authors:** 9**Impact source:** WOS (JCR)**Impact index in year of publication:** 2.199**Relevant publication:** Yes**Format:** Journal**Category:** Geosciences, multidisciplinary**Journal in the top 25%:** No

- 12** I. García-Moreiras; J.M. Sánchez; C. Muñoz Sobrino. Modern pollen and non-pollen palynomorph assemblages of salt marsh and subtidal environments from the Ría de Vigo (NW Iberia). *Review of Palaeobotany and Palynology*, <http://dx.doi.org/10.1016/j.revpalbo.2015.04.006>. 2015. Available on-line at: <http://www.scopus.com/inward/record.url?eid=2-s2.0-84928675519&partnerID=MN8TOARS>.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 3**Impact source:** WOS (JCR)**Impact index in year of publication:** 2.158**Relevant publication:** Yes**Format:** Journal**Corresponding author:** Yes**Category:** Palaeontology**Journal in the top 25%:** Yes

Relevant publication: Yes

- 13** S. García-Gil; V. Cartelle; E. De Blas; A. De Carlos; R. Díez; R. Durán; A. Ferrín; I. García-Moreiras; A. García-García; J. Iglesias; N. Martínez-Carreño; C. Muñoz Sobrino; A.M. Ramírez-Pérez. Shallow gas in the Iberian continental margin | Gas somero en el margen continental Ibérico. Boletín Geológico y Minero. 2-3 - 126, pp. 575 - 608. 2015. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84938602490&partnerID=MN8TOARS>>. ISSN 0366-0176

Type of production: Scientific paper

Format: Journal

Position of signature: 8

Total no. authors: 13

Corresponding author: No

Impact source: SCOPUS (SJR)

Category: Geología

Impact index in year of publication:

Journal in the top 25%: No

Relevant publication: Yes

- 14** C. Muñoz Sobrino; I. García-Moreiras; Y. Castro; N. Martínez Carreño; E. De Blas; C. Fernandez Rodríguez; A. Judd; S. García-Gil. Climate and anthropogenic factors influencing an estuarine ecosystem from NW Iberia: New high resolution multiproxy analyses from San Simón Bay (Ría de Vigo). Quaternary Science Reviews, <http://dx.doi.org/10.1016/j.quascirev.2014.03.021>. 2014. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84898630592&partnerID=MN8TOARS>>.

Type of production: Scientific paper

Format: Journal

Position of signature: 2

Total no. authors: 8

Corresponding author: No

Impact source: WOS (JCR)

Category: Geosciences, multidisciplinary

Impact index in year of publication: 4,57

Journal in the top 25%: Yes

Relevant publication: Yes

- 15** C. Muñoz Sobrino; O. Heiri; M. Hazekamp; D. van der Velden; E.P. Kirilova; I. García-Moreiras; A.F. Lotter. New data on the Lateglacial period of SW Europe: A high resolution multiproxy record from Laguna de la Roya (NW Iberia). Quaternary Science Reviews, <http://dx.doi.org/10.1016/j.quascirev.2013.08.016>. 2013. Available on-line at: <<http://www.scopus.com/inward/record.url?eid=2-s2.0-84884679117&partnerID=MN8TOARS>>. ISBN 978-84-616-5218-1

Type of production: Scientific paper

Format: Journal

Position of signature: 6

Total no. authors: 7

Corresponding author: No

Impact source: WOS (JCR)

Category: Geosciences, multidisciplinary

Impact index in year of publication: 4,57

Journal in the top 25%: Yes

Relevant publication: Yes

- 16** Martin J. Head; Kenneth N. Mertens; Pieter R. Gurdebeke; Ophélie David; Anne De Vernal; Iria García-Moreiras; Vincent Iratçabal; Audrey Limoges; Fabienne Marret; Pjotr Meyvisch; Aurélie Penaud; Vera Pospelova; Taoufik Radi; Nicolas Van Nieuwenhove; Vincy Y. Winifred. Fossil remains of ciliates (phylum {Ciliophora}): {A} recommendation for their treatment under the {International} {Code} of {Nomenclature} for algae, fungi and plants. Marine Micropaleontology. 204, pp. 102557 - 102557. 05/2026. Available on-line at: <<https://linkinghub.elsevier.com/retrieve/pii/S0377839826000162>>. ISSN 03778398

Type of production: Scientific paper

Format: Journal

- 17** Surya Eldo V. Roza; Runa T. Reuter; Jan-Berend W. Stuut; Gerard J. M. Versteegh; Vera Pospelova; Iria García-Moreiras; Karin A. F. Zonneveld. Assessment of the {Cape} {Blanc} (northwest {Africa}) upwelling ecosystem response to recent climate change, using wavelet analyses on dinoflagellate cyst export. Biogeosciences. 23 - 2, pp. 831 - 850. 01/2026. Available on-line at: <<https://bg.copernicus.org/articles/23/831/2026/>>. ISSN 1726-4189

Type of production: Scientific paper

Format: Journal

- 18** Iria García-Moreiras; Ana Amorim; Vera Pospelova; Karin Zonneveld; Donald M. Anderson; Girish Beedessee; Amy Dale; Barrie Dale; Ophélie David; Anne De Vernal; Eugenia Fatourou; Emilie Folie-Boivin; Javier Helenes; María García-Portela; Fang Gu; Haifeng Gu; Vincent Iratçabal; Jan Janouškovec; Audrey Limoges; Fabienne Marret; Piotr Meyvisch; Yannick Nkouefuth Nfongmo; Victor Pochic; Beatriz Reguera; Francesca Sangiorgi; Surya Eldo V. Roza; Nicolas Van Nieuwenhove; Robert W. Williams; Vincy Winifred; Kenneth Neil Mertens. Progress, challenges and future directions in marine organic-walled dinoflagellate cyst research: {New} insights from an international workshop. *Marine Micropaleontology*. 201, pp. 102502 - 102502. 12/2025. Available on-line at: <<https://linkinghub.elsevier.com/retrieve/pii/S0377839825000672>>. ISSN 03778398

Type of production: Scientific paper

Format: Journal

- 19** I. García-Moreiras; A. Amorim; K. Zonneveld. Transport and preservation of calcareous and organic-walled dinoflagellate cysts off Cape Blanc (NW africa) in relation to nepheloid layers. *Marine Environmental Research*, <https://doi.org/10.1016/j.marenvres.2024.106577>. 2024. Available on-line at: <<https://doi.org/10.1016/j.marenvres.2024.106577>>.

Type of production: Scientific paper

Corresponding author: Yes

- 20** I. García-Moreiras; M. Hatherly; K. Zonneveld; J. Dubert; R. Nolasco; A.I. Santos; Anabela Oliveira; Teresa Moita; Paulo B. Oliveira; J.M. Magalhães; Ana Amorim. New physical and biological evidence of lateral transport affecting dinoflagellate cyst distribution in the benthic nepheloid layer along a land-sea transect off Figueira da Foz (Atlantic Iberian margin). *Frontiers in Marine Science*, <http://doi.org/10.3389/fmars.2023.1270343>. 2023.

Type of production: Scientific paper

Position of signature: 1

Total no. authors: 11

Corresponding author: Yes

- 21** I. García-Moreiras; A. Amorim; K. Zonneveld. Dinoflagellate cyst counts from water samples along a land-sea transect off Cape Blanc NW Africa (Maria S. Merian cruise MSM79). *Pangaea*, <https://doi.org/10.1594/PANGAEA.969036>. 2024.

Type of production: Conjunto de datos

Corresponding author: Yes

- 22** I. García-Moreiras; S. Vila Costas; S. García Gil; C. Muñoz Sobrino. Organic-walled dinoflagellate cyst counts in surface sediments of the Ría de Vigo (Atlantic margin of NW Iberia). *Pangaea*, <https://doi.org/10.1594/PANGAEA.969060>. 2024.

Type of production: Conjunto de datos

Corresponding author: Yes

- 23** I. García-Moreiras; A. Amorim; K. Zonneveld. Dinoflagellate cyst counts from sediment samples along a land-sea transect off Cape Blanc NW Africa (Maria S. Merian cruise MSM79). *Pangaea*, <https://doi.org/10.1594/PANGAEA.969037>. 2024. Available on-line at: <<https://doi.org/10.1594/PANGAEA.969037>>.

Type of production: Conjuntos de datos

Corresponding author: Yes

- 24** I. García-Moreiras; A. Amorim; K. Zonneveld. Dinoflagellate cyst abundances in the benthic nepheloid layer, sediment trap and surface sediments off Figueira da Foz (NW Portugal, Atlantic Iberian margin) [dataset bundled publication]. *Pangaea*, <https://doi.org/10.1594/PANGAEA.963833>. 2023. Available on-line at: <<https://doi.org/10.1594/PANGAEA.963833>>.

Type of production: Cinco conjuntos de datos

Corresponding author: Yes

Works presented at national or international conferences

- 1** **Title of the work:** Dinoflagellate cysts in coastal surface sediments from NW Iberia related to environmental gradients: new supporting data for palaeoenvironmental studies
Name of the conference: 12th International Conference on Modern and Fossil Dinoflagellates
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 04/07/2022
End date: 08/07/2022
Iria García-Moreiras; Sarai Vila Costas; Castor Muñoz Sobrino; Soledad García-Gil; Anabela Oliveira; Ana I. Santos; Paulo B. Oliveira; Ana Amorim.
- 2** **Title of the work:** Dinoflagellate cysts in the benthic nephroid layer along a land-sea transect off Figueira de Foz (NW Iberia)
Name of the conference: 12th International Conference on Modern and Fossil Dinoflagellates
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 04/07/2022
End date: 08/07/2022
Iria García-Moreiras; Melissa Hatherly; A.I. Santos; Anabela Oliveira; Paulo B. Oliveira; Teresa Moita; Ana Amorim.
- 3** **Title of the work:** Spatial distribution of dinoflagellate cysts along an inshore-offshore transect off Cape Blanc (NW Africa)
Name of the conference: 12th International Conference on Modern and Fossil Dinoflagellates
Geographical area: Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Las Palmas de Gran Canaria, Spain
Date of event: 04/07/2022
End date: 08/07/2022
Iria García-Moreiras; Ana Amorim; Karin Zonneveld.
- 4** **Title of the work:** Environmental factors affecting dinoflagellate cyst distribution in surface sediments along two land-sea transects in the Atlantic Portuguese margin
Name of the conference: SPECO Sociedade Portuguesa de Ecologia
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Ponte da Lima, Portugal
Date of event: 09/12/2020
End date: 12/12/2020
Organising entity: Sociedade Portuguesa de Ecologia (SPECO)
Iria García-Moreiras; Anabela Oliveira; A.I. Santos; Paulo B. Oliveira; Ana Amorim.

- 5** **Title of the work:** Sedimentary conditioning of a rocky strait during the Holocene transgression: Ría de Ferrol (NW Spain)
Name of the conference: EGU General Assembly
City of event: online,
Date of event: 04/05/2020
End date: 08/05/2020
Organising entity: European Geoscience Union (EGU)
Soledad García-Gil; Victor Cartelle; Castor Muñoz Sobrino; Natalia Martínez-Carreño; Iria García-Moreiras.
- 6** **Title of the work:** Sedimentary evolution of a bedrock-conditioned incised valley since the Last Glacial Maximum: the Ría de Arousa (NW Spain)
Name of the conference: EGU General Assembly
Type of participation: Participatory - poster
City of event: online,
Date of event: 04/05/2020
End date: 08/05/2020
Organising entity: European Geoscience Union (EGU)
Victor Cartelle; Soledad García-Gil; Iria García-Moreiras; Castor Muñoz Sobrino; Natalia Martínez-Carreño.
- 7** **Title of the work:** New multiproxy evidences of the postglacial marine transgression recorded in the sedimentary infill of Ría de Ferrol (NW Iberia).
Name of the conference: INQUA 20th Congress of the International Union for Quaternary Research
Type of participation: Participatory - poster
Corresponding author: No
City of event: Dublin, Ireland
Date of event: 25/07/2019
End date: 31/07/2019
Organising entity: International Union for Quaternary research (INQUA)
Victor Cartelle; Natalia Martínez-Carreño; Iria García Moreiras; Soledad García Gil; Castor Muñoz Sobrino.
- 8** **Title of the work:** CLIMATIC AND ANTHROPOGENIC IMPACTS ON THE RÍA DE VIGO (NW IBERIA) OVER THE LAST TWO CENTURIES: PALEOHYDROLOGICAL CONDITIONS FROM DINOFLAGELLATE CYST DATA
Name of the conference: International Symposium on Marine Sciences - CDM
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Campus do Mar, University of Vigo
Iria García Moreiras; Vera Pospelova; Soledad García Gil; Castor Muñoz Sobrino.
- 9** **Title of the work:** NEW PALYNOLOGICAL DATA FROM RÍA DE VIGO (NW IBERIA) REVEAL STRONG CHANGES IN COASTAL ECOSYSTEMS INDUCED BY ANTHROPOGENIC ACTIVITIES FROM THE 19th CENTURY
Name of the conference: International Symposium on Marine Sciences - CDM
Type of participation: Participatory - poster
Corresponding author: Yes
City of event: Vigo, Spain
Date of event: 20/06/2018
End date: 22/06/2018
Organising entity: Campus do Mar, University of Vigo

Iria García Moreiras; Vera Pospelova; Soledad García Gil; Castor Muñoz Sobrino.

- 10** **Title of the work:** New pollen data from shallow marine sediments in Ría de Ferrol (NW Iberia)
Name of the conference: Mediterranean Palynology APLE-GPPSBI-APLF Symposium 2017
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 04/09/2017
End date: 06/09/2017
Organising entity: APLE-GPPSBI-APLF
Castor Muñoz Sobrino; Víctor Cartelle; Natalia Martínez Carreño; Iria García Moreiras; Soledad García Gil.
- 11** **Title of the work:** Pollen data on the Lateglacia/Early Holocene transition in coastal areas from NW Iberia: the Atlantic coast vs. Mediterranean nearby areas
Name of the conference: Mediterranean Palynology APLE-GPPSBI-APLF Symposium 2017
Type of participation: Participatory - poster
City of event: Barcelona, Spain
Date of event: 04/09/2017
End date: 06/09/2017
Organising entity: APLE-GPPSBI-APLF
Iria García Moreiras; Soledad García Gil; Castor Muñoz Sobrino.
- 12** **Title of the work:** Impact of abrupt climate changes on the coastal ecosystems of the Rías Baixas (NW Iberia) during the Lateglacial/early Holocene transition
Name of the conference: Past Global Changes Meeting
Geographical area: Internacional
Type of participation: Participatory - oral communication
City of event: Zaragoza, Aragón, Spain
Date of event: 09/05/2017
End date: 13/05/2017
Organising entity: PAGES
City organizing entity: Zaragoza, Aragón, Spain
Iria García Moreiras; Natalia Martínez Carreño; Soledad García Gil; Castor Muñoz Sobrino.
- 13** **Title of the work:** The last glacial-interglacial transition in the Ría de Vigo (NW Iberia): new palynological data about coastal environments and species distribution during the MIS-3
Name of the conference: Mediterranean Palynology International Symposium
Type of event: Conference
Geographical area: Internacional
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Roma, Italy
Date of event: 08/09/2015
End date: 10/09/2015
Organising entity: GPSBI-APLE
Type of entity: Associations and Groups
Iria García Moreiras; Martínez Carreño Natalia; Víctor Cartelle Álvarez; García Gil Soledad; Castor Muñoz Sobrino.
- 14** **Title of the work:** The late glacial and the Holocene in NW Iberia: A review based on the correlation of pollen records with other multiproxy data
Name of the conference: Mediterranean Palynology International Symposium
Type of event: Conference
Geographical area: Internacional
Type of participation: Participatory - oral communication



City of event: Roma, Italy

Date of event: 08/09/2015

End date: 10/09/2015

Organising entity: GPSBI-APLE

Type of entity: Associations and Groups

Castor Muñoz Sobrino; Iria García Moreiras; M.J. Iriarte Chiapusso; Miren Ayerdi; Begoña Hernández Beloqui; Amaya Echazarreta-Gallego; Luis Gómez Orellana; Pablo Ramil Rego.

- 15 Title of the work:** Vegetation landscape in the Cantabrian Region (Northern Iberian Peninsula) during the Pleistocene: Current Status

Name of the conference: Mediterranean Palynology International Symposium

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Roma, Italy

Date of event: 08/09/2015

End date: 10/09/2015

Organising entity: GPSBI-APLE

Type of entity: Associations and Groups

M.J. Iriarte Chiapusso; Luis Gómez Orellana; Castor Muñoz Sobrino; Pablo Ramil Rego; Miren Ayerdi; Begoña Hernández Beloqui; Amaya Echazarreta-Gallego; Iria García Moreiras; Sérgio Faria.

- 16 Title of the work:** New seismic sequence stratigraphy in the Ría de Vigo (NW Spain)

Name of the conference: 31st IAS Meeting of Sedimentology

Type of participation: Participatory - poster

City of event: Kraków, Poland

Date of event: 22/06/2015

End date: 25/06/2015

Organising entity: IAS - International Association of Sedimentologists

Soledad García Gil; Natalia Martínez Carreño; Víctor Cartelle; Castor Muñoz Sobrino; Iria García Moreiras.

- 17 Title of the work:** The modern dynamics of a coastal lagoon reconstructed through multiproxy analyses on nearby shallow marine sediments

Name of the conference: 31st IAS Meeting of Sedimentology

Type of participation: Participatory - poster

City of event: Kraków, Poland

Date of event: 22/06/2015

End date: 25/06/2015

Organising entity: IAS - INTERNATIONAL ASSOCIATION OF SEDIMENTOLOGISTS

Castor Muñoz Sobrino; Iria García Moreiras; Natalia Martínez Carreño; Víctor Cartelle; Tania Lado Insua; Carlos Fernández Rodríguez; Soledad García Gil.

- 18 Title of the work:** Lateglacial-Holocene transition in NW Iberia: a palaeoecological approach

Name of the conference: XVII Mundial Congress of Prehistoric and Protohistoric Sciences 2014

Type of participation: Participatory - oral communication

City of event: Burgos, Spain

Date of event: 01/09/2014

End date: 07/09/2014

Organising entity: UISPP (Union International de Sciences Préhistoriques et Protohistoriques)

Maria Jose Iriarte Chiapusso; Castor Muñoz Sobrino; Luis Gómez Orellana; Begoña Hernández Beloqui; Iria García Moreiras; Carlos Fernández Rodríguez; Pablo Ramil Rego.

- 19 Title of the work:** Environmental history of a coastal insular system reconstructed from shallow marine records: the last three millennia in the Cíes Islands (Ría de Vigo, NW Iberia)

Name of the conference: 9th European Palaeobotany-Palynology Conference



Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - poster

City of event: Padova, Italy

Date of event: 26/08/2014

End date: 31/08/2014

Organising entity: EPPC

Castor Muñoz Sobrino; Iria García Moreiras; Natalia Martínez Carreño; Víctor Cartelle; Soledad García Gil.

- 20** **Title of the work:** The decline of hornbeam in SW Europe during the last glacial cycle: new data about *Carpinus betulus* L. in NW Iberia

Name of the conference: 9th European Palaeobotany-Palynology Conference

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - oral communication

City of event: Padova, Italy

Date of event: 26/08/2014

End date: 31/08/2014

Organising entity: EPPC

Castor Muñoz Sobrino; Iria García Moreiras; Luis Gómez Orellana; M.J. Iriarte Chiapusso; Pablo Ramil Rego.

- 21** **Title of the work:** The last glacial-interglacial transition in NW Iberia: new multi-proxy data of shallow marine sediments from the Ría de Vigo

Name of the conference: 9th European Palaeobotany-Palynology Conference

Type of event: Conference

Geographical area: Internacional

Type of participation: Participatory - poster

City of event: Padova, Italy

Date of event: 26/08/2014

End date: 31/08/2014

Organising entity: EPPC

Iria García Moreiras; Soledad García Gil; Natalia Martínez Carreño; Castor Muñoz Sobrino.

- 22** **Title of the work:** Modern pollen and non-pollen palyn morph assemblages of salt marsh and su tidal environments from the Ría de Vigo (NW Iberia)

Name of the conference: 9th European Palaeobotany-Palynology Conference

Geographical area: Internacional

Type of participation: Participatory - poster

City of event: Padova, Italy

Date of event: 26/08/2014

End date: 31/08/2014

Organising entity: EPPC

Iria García Moreiras; J. María Sánchez; Castor Muñoz Sobrino.

- 23** **Title of the work:** First identification of MIS 3 sediments in shallow marine environments from the Ría de Vigo (NW Iberia)

Name of the conference: 19th International Sedimentological Congress - Sedimentology at the crossroads of new frontiers

Type of participation: Participatory - poster

City of event: Geneva, Switzerland

Date of event: 18/08/2014

End date: 22/08/2014

Organising entity: IAS and Université de Genève



Soledad García Gil; Natalia Martínez Carreño; Iria García Moreiras; Castor Muñoz Sobrino.

- 24** **Title of the work:** Pollen analyses of modern and fossil samples obtained from different sedimentary environments in the Vilaboa salt-marsh (Ría de Vigo)
Name of the conference: 5nd International Conference, V Jornadas do Quaternario
Geographical area: Internacional
Type of participation: Participatory - oral communication
City of event: Oporto, Portugal
Date of event: 13/12/2013
End date: 14/12/2013
Organising entity: APEQ
Iria García Moreiras; Castor Muñoz Sobrino; Jose María Sánchez; Soledad García Gil.
- 25** **Title of the work:** Pollen analyses of surface samples obtained from different sedimentary environments in the Vilaboa salt-marsh (Ría de Vigo).
Name of the conference: 2nd International APLE-APLF Conference
Type of event: Conference
Geographical area: Internacional
Type of participation: Participatory - poster
City of event: Madrid, Spain
Date of event: 17/09/2013
End date: 20/09/2013
Organising entity: APLE-APLF
Type of contribution: Scientific paper
Iria García Moreiras; Jose María Sánchez; Soledad García Gil; Castor Muñoz Sobrino. "estillano P.S., Pardo C., Risueño, M.C., López-Cepero, J.M. (2013): Pollen 2013, 2nd International APLE-APLF Congress, Madrid, pp.147. ISBN: 978-84-616-5218-1". pp. 148. ISBN 978-84-616-5218-1
- 26** **Title of the work:** Lateglacial early Holocene transition in SW Europe: a high resolution multiproxy record from Laguna de la Roya (NW Iberia)
Name of the conference: 2nd International APLE-APLF Conference
Geographical area: Internacional
Type of participation: Participatory - poster
City of event: Madrid, Spain
Date of event: 17/09/2013
End date: 20/09/2013
Organising entity: APLE-APLF
Type of contribution: Scientific paper
Iria García Moreiras; Oliver Heiri; M. Hazekamp Gil; D. van der Velden; E.P. Kirilova; A.F. Lotter; Castor Muñoz Sobrino. "Testillano P.S., Pardo C., Risueño, M.C., López-Cepero, J.M. (2013): Pollen 2013, 2nd International APLE-APLF Congress, Madrid, pp.147. ISBN: 978-84-616-5218-1". pp. 148. ISBN 978-84-616-5218-1
- 27** **Title of the work:** A multi-proxy study of methane accumulations from Ría de Vigo, NW Spain
Name of the conference: 30th IAS Meeting of Sedimentology
Type of participation: Participatory - poster
City of event: Manchester, United Kingdom
Date of event: 02/09/2013
End date: 05/09/2013
Organising entity: IAS - International Association of Sedimentologists
Natalia Martínez Carreño; Iria García Moreiras; A.M. Ramírez Pérez; Víctor Cartelle; Esther de Blas; Alejandro de Carlos; Castor Muñoz Sobrino; Soledad García Gil.

Works presented at national or international seminars, workshops and/or courses

- 1** **Title of the work:** Dinoflagellate cysts as (paleo)oceanographic indicators
Name of the event: Presentación dun poster na assemblea CIMENTOS
City of event: Vigo, Spain
Date of event: 10/11/2024
Organising entity: Centro de Investigación mariña (CIM)
- 2** **Title of the work:** Late Glacial to Early Holocene transition in coastal environments of Ría de Arousa (NW Iberia)
Name of the event: Invited seminar
City of event: Minneapolis, United States of America
Date of event: 25/03/2024
Organising entity: University of Minneapolis
- 3** **Title of the work:** Physical and biological processes influencing dinoflagellate cyst distribution in the benthic nepheloid layer off Figueira da Foz (Atlantic Iberian margin)"
Name of the event: Invited seminar at the International seminar series on dinophytes
City of event: online,
Date of event: 14/02/2023
Organising entity: University of Munich
- 4** **Title of the work:** Oligotrichid cysts in the Beaufort Sea (Arctic) and other regions
Name of the event: Presentation at the international workshop on ciliate cysts
City of event: Concarneau, France
Date of event: 19/05/2022
Organising entity: IFREMER
- 5** **Title of the work:** Dinoflagellate cyst distribution on the Atlantic Iberian Margin
Name of the event: Invited seminar
City of event: Bremen, Germany
Date of event: 16/02/2022
Organising entity: MARUM (University of Bremen)
- 6** **Title of the work:** Applications of dinoflagellate cysts in paleoclimatology and paleoecology: use of dinoflagellate cysts as paleoenvironmental indicators
Name of the event: Invited seminar
City of event: Lisbon, Portugal
Date of event: 09/11/2019
Organising entity: University of Lisbon



Science Outreach activities

- 1** **Title of the work:** Lateglacial-early Holocene transition in coastal ecosystems from the Ría de Arousa (NW Iberia)
Name of the event: Invited seminar
Type of event: Conferences given
Date of event: 25/03/2024
- 2** **Title of the work:** Physical and biological processes influencing dinoflagellate cyst distribution in the benthic nepheloid layer off Figueira da Foz (Atlantic Iberian margin)
Name of the event: Dinophyte seminars
Type of event: Conferences given
Date of event: 14/02/2023
- 3** **Title of the work:** Mención especial en el Concurso Marie Tharp de divulgación científica
City of event: Vigo, Spain
Date of event: 10/02/2023
Organising entity: Centro de investigación mariñas (CIM) - Universidad de Vigo
Available on-line at: <<https://cim.uvigo.gal/2023/02/o-concurso-marie-tharp-da-visibilidade-ao-traballo-de-tres-mozas-investigadoras-do-cim/>>.
Relevant results: El concurso fue organizado por el Centro de Investigación Mariñas (CIM) de la Universidad de Vigo y consistió en elaborar (de manera individual) un vídeo de un minuto contando nuestra línea de investigación a una audiencia tanto especializada como no especializada, para dar a conocer nuestro trabajo entre la comunidad universitaria. La mención especial que obtuve incluyó un premio de 500 €. El evento fue difundido por diferentes canales (boletín del CIM, Diario de la Universidad/DUVI y Youtube), lo que contribuyó a su difusión entre la sociedad en general.
- 4** **Title of the work:** Distribution of Dinoflagellate cysts on the Atlantic Iberian Margin
Name of the event: Invited seminar
Type of event: Conferences given
Date of event: 16/02/2022
- 5** **Title of the work:** Applications of dinoflagellate cysts in paleoclimatology and paleoecology: use of dinoflagellate cysts as paleoenvironmental indicators
Name of the event: Invited seminar
Type of event: Conferences given
Date of event: 09/11/2019

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- Committee title:** Scientific committee and organiser at the International Workshop on Dinoflagellate Cysts
Primary (UNESCO code): 241705 - Marine biology; 251004 - Marine botany; 251090 - Oceanography: Marine Geology
Affiliation entity: Centro de investigaciones Mariñas (CIM) de la Universidad de Vigo
Type of entity: R&D Centre
Start-End date: 18/06/2024 - 21/06/2024
- Committee title:** Scientific committee in the 13 International Conference on Modern and Fossil Dinoflagellates
Affiliation entity: University of Bremen
City affiliation entity: Bremen, Germany

Organization of R&D activities

Title of the activity: International Workshop on Dinoflagellate Cysts
Type of activity: Reunión científica
Geographical area: Non EU International
Convening entity: Centro de investigación maraña (CIM)
Start-End date: 18/06/2024 - 21/06/2024

Other achievements

Stays in public or private R&D centres

- Entity:** IFREMER
City of entity: Concarneau, France
Start-End date: 19/05/2025 - 22/05/2025
Goals of the stay: Guest
Provable tasks: Gave a presentation, participated in round-table and microscopic sessions, attended to courses and talks
Type of stay: Investigación
- Entity:** University of Minnesota
City of entity: Minneapolis, United States of America
Start-End date: 17/03/2024 - 31/03/2024
Duration: 15 days
Goals of the stay: Post-doctoral
Type of stay: Investigación
- Entity:** Universidade de Lisboa
City of entity: Lisboa, Portugal
Primary (UNESCO code): 241603 - Palynology; 241710 - Palaeobotany
Start-End date: 28/05/2023 - 11/06/2023
Duration: 15 days
Goals of the stay: Guest



Provable tasks: Palynological analyses (dinoflagellate cysts, pollen and other NPP) of sediment samples from a stratigraphic sequence collected in coastal deposits of the Sado Estuary.

4 Entity: University of Lisbon

Faculty, institute or centre: Centro de Ciências do Mar e do Ambiente (MARE)

City of entity: Lisbon, Portugal

Primary (UNESCO code): 241603 - Palynology; 241710 - Palaeobotany; 251004 - Marine botany

Start-End date: 13/03/2023 - 28/03/2023

Duration: 15 days

City funding entity: Spain

Goals of the stay: Guest

Provable tasks: Palynological analyses (dinoflagellate cysts, pollen and other NPP) of sediment samples from a stratigraphic sequence collected in coastal deposits of the Sado Estuary.

5 Entity: Zentrum für Marine Umweltwissenschaften (MARUM), Bremen Universität

City of entity: Bremen, Germany

Primary (UNESCO code): 241603 - Palynology; 241710 - Palaeobotany; 251001 - Biological oceanography; 251004 - Marine botany

Start-End date: 09/10/2021 - 08/10/2022

Duration: 1 year

Funding entity: XUNTA DE GALICIA

Goals of the stay: Post-doctoral

Provable tasks: Análisis micropaleontológicos (principalmente quistes de dinoflagelados) de muestras de agua y sedimentos procedentes del sistema de afloramiento africano (Cape Blanc). Procesado de muestras, análisis microscópicos e interpretación de resultados. Participación en seminarios y reuniones de grupo, preparación de presentaciones y charlas, y preparación y publicación de un manuscrito.

Narrative explanation: Esta estancia en el Centro de Ciencias Marinas (MARUM) de la Universidad de Bremen (Alemania) fue financiada por el contrato competitivo de las Ayudas Postdoctorales de la Xunta de Galicia (antigua modalidad B). Durante mi estancia colaboré con el proyecto MACPEI sobre la producción, exportación, redistribución y degradación de materia orgánica en el océano. Este proyecto estuvo financiado por la agencia estatal alemana y liderado por la Dr. Karin Zonneveld. Los resultados fueron publicados en revistas de alto impacto (García-Moreiras et al., 2024) y difundidos en congresos y seminarios internacionales. Los datos brutos están publicados en acceso abierto en el repositorio PANGAEA (<https://doi.org/10.1016/j.marenvres.2024.106577>). El MARUM y la Universidad de Bremen son centros de investigación de referencia en paleoceanografía y micropaleontología, y poseen uno de los repositorios de cores sedimentarios más importantes del mundo, procedentes de numerosas expediciones oceanográficas (<https://www.marum.de/en/MARUM-GeoB-Core-Collection.html>). Esta estancia permitió ampliar mi red de contactos y colaboradores estables. La Dr Zonneveld ha formado parte del comité científico del workshop internacional que he organizado en el CIM-UVigo (Junio, 2023).

6 Entity: University of Lisbon

Faculty, institute or centre: Centro de Ciências do Mar e do Ambiente (MARE)

City of entity: Lisboa, Portugal

Primary (UNESCO code): 241707 - Phycology; 241710 - Palaeobotany; 251001 - Biological oceanography; 251004 - Marine botany

Start-End date: 30/10/2019 - 08/10/2021

Duration: 1 year - 4 months

Funding entity: XUNTA DE GALICIA

City funding entity: Spain

Goals of the stay: Post-doctoral

Provable tasks: Análisis de la distribución de quistes de dinoflagelados en muestras de sedimentos y agua (capa nefeloide). Procesado de muestras, análisis microscópico de los quistes, análisis estadísticos de los datos e interpretación ecológica. Graficación de datos, redacción de dos manuscritos y elaboración y defensa de comunicaciones orales en congresos y reuniones científicas.

Narrative explanation: Esta estancia en el Centro de Ciências do Mar e do Ambiente (MARE) y la Facultad de Ciências de la Universidad de Lisboa estuvo respaldada por el contrato competitivo de las Ayudas Postdoctorales de la Xunta de Galicia (antigua modalidad B). La estancia se vio interrumpida únicamente por



mi permiso de maternidad y lactancia (17/12/2020 al 9/6/2021). Durante mi estancia participé en el proyecto HABWAVE liderado por la Dra Ana Amorim y colaboré en el proyecto AQUIMAR llevado a cabo por el IH (Instituto Hidrográfico de la Marina portuguesa). Los resultados fueron publicados en revistas de alto impacto (García-Moreiras et al., 2021, 2023) y difundidos en congresos y seminarios internacionales. Los datos brutos están publicados en acceso abierto en el repositorio PANGAEA (<https://doi.org/10.1594/PANGAEA.963768>, <https://doi.org/10.1594/PANGAEA.963833>). El MARE es una institución que promueve la investigación de excelencia en ciencias marinas con centros en todo el país (Portugal). El laboratorio de la Dr Amorim desarrolla proyectos orientados a estudiar los factores que influyen en la biología y ecología de proliferaciones de microalgas tóxicas, y gestiona una colección de referencia de microalgas de la costa portuguesa (ALISU). Esta estancia permitió ampliar mi red de contactos y colaboradores estables; de hecho sigo colaborando con la Dr Ana Amorim en la actualidad, por ejemplo, organizando un workshop internacional en el CIM-UVigo (Junio, 2023) y otras actividades científicas.

7 Entity: School of Earth and Ocean Sciences (SEOS), University of Victoria

City of entity: Victoria, Canada

Primary (UNESCO code): 241600 - Palaeontology; 241710 - Palaeobotany; 250205 - Palaeoclimatology; 550512 - Stratigraphy

Start-End date: 01/11/2015 - 01/02/2016

Duration: 3 months

Funding entity: Fundación Barrié

City funding entity: A Coruña, Spain

Goals of the stay: Doctorate

Provable tasks: Análisis palinológicos de microfósiles marinos de muestras estratigráficas procedentes de la Ría de Vigo. Procesado de muestras, análisis microscópicos, tratamiento de datos e interpretación de resultados. Redacción y preparación de un manuscrito (García-Moreiras et al., 2018).

Narrative explanation: Esta estancia en la Universidad de Victoria (Canadá) estuvo financiada por las becas posgrado de la Fundación Barrié de la Maza (2015) de concurrencia competitiva. El proyecto colaborativo incluyó el estudio de los cambios climáticos recientes (<200 años) a través de un registro palinológico de sedimentos marinos de alta resolución. Los resultados contribuyeron a calibrar los quistes de dinoflagelados como indicadores paleoclimáticos, y también con datos relevantes sobre los cambios en la distribución histórica de algunas especies. Estos datos fueron publicados en una revista de alto impacto: Paleogeography, Paleoclimatology and Paleoecology (García-Moreiras et al., 2018). Esta estancia en el laboratorio de palinología marina de la Dr Vera Pospelova permitió especializarme en el análisis de quistes de dinoflagelados, ganando conocimientos avanzados sobre su identificación taxonómica e interpretación ecológica, así como técnicas de procesado de muestras. La Dr Pospelova tiene una amplia y prolífica carrera en micropaleontología marina y paleoceanografía, y en especial en taxonomía y ecología de dinoflagelados. Hoy en día está establecida en la Universidad de Minnesota (US, <https://cse.umn.edu/esci/vera-pospelova>) y sigo colaborando activamente con ella. Entre otras actividades, he realizado una estancia de dos semanas e impartido un seminario en su nuevo laboratorio el pasado Marzo (2024) y ha sido miembro del comité organizador y científico del Workshop Internacional de Dinoflagelados que organicé en el CIM-UVigo (Junio 2023). También he participado en el ciclo de conferencias Dinophyte Seminar Series que ella co-organiza, y hoy en día estoy colaborando en uno de sus proyectos sobre quistes de dinoflagelados y ciliados en el Mar de Beaufort (Ártico canadiense).

Obtained grants and scholarships

1 Name of the grant: Ayuda para la continuación de la etapa posdoctoral

Aims: Post-doctoral

Awarding entity: Xunta de Galicia

Conferral date: 18/06/2024

Duration: 3 years

2 Name of the grant: Mención especial en el Concurso Marie Tharp

Awarding entity: CIM/UVigo

Type of entity: R&D Centre

Conferral date: 10/02/2023



- 3** **Name of the grant:** Ayuda para el inicio de la etapa posdoctoral
Aims: Post-doctoral
Awarding entity: Xunta de Galicia
Conferral date: 24/09/2019 **Duration:** 3 years - 6 months
- 4** **Name of the grant:** Premio extraordinario de doctorado
Aims: Post-doctoral
Awarding entity: Universidade de Vigo **Type of entity:** University
Conferral date: 03/12/2018
- 5** **Name of the grant:** Beca de posgrado de la Fundación Barrié
Aims: Pre-doctoral
Awarding entity: FUNDACION PEDRO BARRIE DE LA MAZA
Conferral date: 03/07/2015 **Duration:** 3 months
- 6** **Name of the grant:** Beca para asistir a un congreso (Tassoni grant)
City awarding entity: Padova, Italy
Aims: Pre-doctoral
Awarding entity: Tassoni **Type of entity:** Business
Amount of the grant: 250 €
Conferral date: 20/08/2014
- 7** **Name of the grant:** Beca de viaje
Aims: Pre-doctoral
Awarding entity: Universidade de Vigo **Type of entity:** University
Conferral date: 07/05/2014
- 8** **Name of the grant:** Premio a la excelencia académica
Aims: Pre-doctoral
Awarding entity: Universidade de Vigo **Type of entity:** University
Conferral date: 07/05/2014
- 9** **Name of the grant:** Ayuda para la realización de la tesis de doctorado
Aims: Pre-doctoral
Awarding entity: Xunta de Galicia
Conferral date: 13/11/2013 **Duration:** 3 years
- 10** **Name of the grant:** Beca de máster
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 04/03/2013
- 11** **Name of the grant:** Beca de colaboración en investigación
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 15/11/2011