



JUAN SANTOS ECHEANDIA

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JUAN SANTOS ECHEANDIA

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Current professional situation

Employing entity: Instituto Español de Oceanografía **Type of entity:** Public Research Body
Department: Marine Pollution and Biological Effects, Centro Oceanográfico deVigo
Professional category: Senior Researcher
Start date: 08/02/2016
Type of contract: Civil servant **Dedication regime:** Full time
Primary (UNESCO code): 250309 - Trace elements distribution
Secondary (UNESCO code): 230100 - Analytical chemistry
Tertiary (UNESCO code): 251002 - Chemical oceanography
Identify key words: Water protection; Pollution control; Prevention of pollution

Previous positions and activities

	Employing entity	Professional category	Start date
1	Marine Research Institute (IIM-CSIC)	JAE-Doc Program Contract	01/01/2012
2	National Institute of Biological Resources (INRB/IPIMAR), Lisboa (Portugal)	Postdoctoral Researcher	01/01/2010
3	University of Western Brittany-IUEM (France)	Postdoctoral Researcher	05/10/2009
4	Marine Research Institute (IIM-CSIC)	Predocctoral Fellowship	01/10/2005
5	University of Vigo	Third Cycle Fellowship	01/01/2005
6	University of Liverpool (UK)	Early Stage Researcher (Marie Curie)	24/01/2005
7	University of Vigo	Collaboration Fellowship	01/10/2002
8	Università Ca' Foscari di Venezia (Italia)	Socrates/Erasmus Fellowship	01/10/2001



- 1** **Employing entity:** Marine Research Institute (IIM-CSIC)
Professional category: JAE-Doc Program Contract
Start-End date: 01/01/2012 - 31/12/2014 **Duration:** 3 years
Type of contract: Temporary employment contract
Dedication regime: Full time
Performed tasks: Heavy Metals, Electroanalytical Chemistry, Environmental Chemistry, Biogeochemical Cycles & Processes, Coastal Systems- Estuaries-Rias, Metal Speciation, Contamination, Pollution, Dissolved-Particle Interactions, Trace-Metal Clean Techniques.
Identify key words: Voltammetric; Redisolution techniques; Bioinorganic chemistry; Environmental chemistry; Marine pollution; Metal pollution; Chemical pollution; Coastal pollution; Oceanography; Water analysis; Water protection; Pollution control
- 2** **Employing entity:** National Institute of Biological Resources (INRB/IPIMAR), Lisboa (Portugal)
Department: Aquatic Environment Unit
City employing entity: Lisbon, Lisboa, Portugal
Professional category: Postdoctoral Researcher
Start-End date: 01/01/2010 - 31/12/2011 **Duration:** 2 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 3** **Employing entity:** University of Western Brittany-IUEM (France) **Type of entity:** University
Department: Laboratoire des Sciences de l'Environnement Marin (LEMAR)
City employing entity: Brest, Bretagne, France
Professional category: Postdoctoral Researcher
Start-End date: 05/10/2009 - 28/11/2009 **Duration:** 1 month - 23 days
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 4** **Employing entity:** Marine Research Institute (IIM-CSIC) **Type of entity:** State agency
Department: Oceanography - Marine Biogeochemistry
City employing entity: Vigo, Galicia, Spain
Professional category: Predoctoral Fellowship
Start-End date: 01/10/2005 - 30/09/2009 **Duration:** 4 years
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 5** **Employing entity:** University of Vigo **Type of entity:** University
Department: Analytical and Food Chemistry
City employing entity: Vigo, Galicia, Spain
Professional category: Third Cycle Fellowship
Start-End date: 01/01/2005 - 30/09/2005 **Duration:** 9 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 6** **Employing entity:** University of Liverpool (UK)
Department: Department of Earth and Ocean Sciences
City employing entity: Liverpool, Merseyside, United Kingdom
Professional category: Early Stage Researcher (Marie Curie)
Start-End date: 24/01/2005 - 23/06/2005 **Duration:** 5 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 7**



Employing entity: University of Vigo **Type of entity:** University
Department: Department of Animal Ecology and Biology
City employing entity: Vigo, Galicia, Spain
Professional category: Collaboration Fellowship
Start-End date: 01/10/2002 - 30/06/2003 **Duration:** 9 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)

8 **Employing entity:** Università Ca' Foscari di Venezia (Italia)
City employing entity: Venice, Veneto, Italy
Professional category: Socrates/Erasmus Fellowship
Start-End date: 01/10/2001 - 31/03/2002 **Duration:** 6 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)



Education

University education

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

- 1 **Name of qualification:** Diploma de Estudios Avanzados (DEA)
Degree awarding entity: University of Vigo **Type of entity:** University
Date of qualification: 15/06/2007

- 2 **University degree:** Middle degree
Name of qualification: Degree in Marine Science
Degree awarding entity: University of Vigo **Type of entity:** University
Date of qualification: 21/12/2004

- 3 **University degree:** Higher degree
Name of qualification: Graduate in Marine Sciences - Environment and Marine Contamination
Degree awarding entity: University of Vigo
Date of qualification: 23/07/2004

Doctorates

Doctorate programme: Doctorate in Marine Science
Degree awarding entity: University of Vigo **Type of entity:** University
City degree awarding entity: Vigo, Galicia, Spain
Date of degree: 02/10/2009
DEA awarding entity: University of Vigo
Date DEA was awarded: 15/06/2007
European doctorate: Yes **Date of certificate:** 02/10/2009
Thesis title: Speciation and Biogeochemical Processes of Trace Elements in a NorthEastern Atlantic Region
Thesis director: Ricardo Prego
Thesis co-director: Antonio Cobelo-García
Obtained qualification: Cum Laude
Special doctorate award: Yes **Date of award:** 31/01/2011

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian		C1	C1	C1	A1
Portuguese		C1	C1	C1	A1
Spanish		C1	C1	C1	C1
French		C1	C1	C1	C1
English		C1	C1	C1	C1



Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Advanced Analytical Methodologies
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Master in Oceanography
Course given: Advanced Analytical Methodologies: Biogenic Trace Elements Analysis **Frequency of the activity:** 1
Start date: 14/10/2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6
Entity: University of Vigo **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences
City of entity: Vigo, Galicia, Spain
Subject language: Spanish
- 2** **Type of teaching:** Official teaching
Name of the course: Advanced Analytical Methodologies
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Master in Oceanography
Course given: Advanced Analytical Methodologies: Biogenic Trace Elements Analysis **Frequency of the activity:** 1
Start date: 20/12/2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6
Entity: University of Vigo **Type of entity:** University
Faculty, institute or centre: Faculty of Sciences
City of entity: Vigo, Galicia, Spain
Subject language: Spanish

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Interaction between pollutants and plastics in the marine environment and their ecotoxicological effects.
Type of project: Doctoral thesis
Co-director of thesis: Teresa Rocha Santos
Entity: University of Aveiro
City of entity: Aveiro, Norte, Portugal
Student: Joana Rita Patricio Rodrigues
Date of reading: 2022
- 2** **Project title:** Platinum and other Technology-Critical Elements: Bioaccumulation and Behaviour in Coastal Systems
Type of project: Doctoral thesis
Co-director of thesis: Antonio Cobelo-García



Entity: University of Vigo

Type of entity: University

City of entity: Vigo, Galicia, Spain

Student: Patricia Neira del Rio

Date of reading: 2019

3 Project title: Ingestión y eliminación de mercurio adsorbido a microplásticos en mejillón silvestre (*Mytilus galloprovincialis*)

Type of project: Tesis Fin de Master

Co-director of thesis: Diego Romero

Entity: Universidad de Murcia

Type of entity: University

City of entity: Murcia, Region of Murcia, Spain

Student: Pablo A. Santos de los Ríos

Obtained qualification: 9/10

Date of reading: 2018

4 Project title: Geochemical Behaviour and Sources of Platinum Group Elements in Anthropogenically Impacted Sediments

Type of project: Doctoral thesis

Co-director of thesis: Antonio Cobelo-García

Entity: University of Vigo

Type of entity: University

Student: Clara Almécija-Pereda

Obtained qualification: Cum Laude

Date of reading: 29/05/2015

European doctorate: 29/05/2015

Date of recognition: 29/05/2015

Quality recognition: Yes

Date of award: 29/05/2015

Other activities/achievements not included above

1 Description of the activity: Curricular practical tutoring in Biology - Isabel Ortín

City of activity: San Pedro del Pinatar, Region of Murcia, Spain

Organising entity: Universidad de Murcia

Type of entity: University

End date: 2018

2 Description of the activity: Curricular practical tutoring of master's degree in Protected Areas, Natural Resources and Biodiversity - Olga Sánchez

City of activity: San Pedro del Pinatar, Region of Murcia, Spain

Organising entity: Universidad de Murcia

Type of entity: University

End date: 2018

3 Description of the activity: Tutoring Stay Erasmus + program b-Joana Rita Patricio Rodrigues

City of activity: San Pedro del Pinatar, Spain

Organising entity: Universidade de Aveiro

End date: 2018

4 Description of the activity: Tutoring of the Master's Thesis of Pablo Santos de los Ríos within the University Master's Degree in Wildlife Management

City of activity: San Pedro del Pinatar, Region of Murcia, Spain

Organising entity: Universidad de Murcia

Type of entity: University

End date: 2018



- 5** **Description of the activity:** Curricular practical tutoring in Environmental Sciences- Sandra Marín
City of activity: San Pedro del Pinatar, Spain
Organising entity: Universitat de València **Type of entity:** University
End date: 2018
- 6** **Description of the activity:** Curricular practical tutoring of degree in Marine Sciences - Mariana Sáenz
City of activity: San Pedro del Pinatar, Spain
Organising entity: Universidad Católica de Valencia San Vicente Mártir **Type of entity:** University
End date: 2018
- 7** **Description of the activity:** Undergraduate curricular practical tutoring in Marine Biology - Sofía Linares
City of activity: San Pedro del Pinatar, Region of Murcia, Spain
Organising entity: University of Glasgow **Type of entity:** University
End date: 2018
- 8** **Description of the activity:** Curricular practical tutoring in Biology - Olga Sánchez
City of activity: San Pedro del Pinatar, Region of Murcia, Spain
Organising entity: Universidad de Murcia **Type of entity:** University
End date: 2017
- 9** **Description of the activity:** Thesis Tribunal of Doctoral Student Maria Dolores Belando Torrentes
City of activity: Spain
Organising entity: Universidad de Murcia **Type of entity:** University
End date: 2017
- 10** **Description of the activity:** Curricular practical tutoring of degree in Marine Sciences - Juan Bosco
City of activity: San Pedro del Pinatar, Region of Murcia, Spain
Organising entity: Universidad de Alicante **Type of entity:** University
End date: 2017
- 11** **Description of the activity:** Tutoring curricular practices of degree in Environmental Sciences of Blanca Soria
City of activity: San Pedro del Pinatar, Spain
Organising entity: Universitat de València **Type of entity:** University
End date: 2017
- 12** **Description of the activity:** Research stay predoctoral student Patricia Neira
City of activity: Vigo, Spain
Organising entity: Universidade de Vigo **Type of entity:** University
End date: 2013
- 13** **Description of the activity:** Research stay predoctoral student Giada Trezzi
City of activity: Vigo, Spain
Organising entity: Universitat Autònoma de Barcelona **Type of entity:** University
End date: 2012



Scientific and technological experience

Research and development groups/teams

- 1 Name of the group:** Ecosystem Approach Correspondence Group on Pollution Monitoring UNEP-MEDPOL
Type of collaboration: Co-authorship of international collaboration
Affiliation entity: Spanish Institute of Oceanography **Type of entity:** State agency
Start date: 2019 **Duration:** 2 years
- 2 Name of the group:** Working Group on Marine Sediments in Relation to Pollution (WGMS)
Type of collaboration: Co-authorship of international collaboration
Affiliation entity: Spanish Institute of Oceanography **Type of entity:** State agency
Start date: 2018 **Duration:** 4 years

Scientific or technological activities

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

- 1 Name of the project:** FAME - Fate of micro- and nanometer size plastic residues in European Marine Ecosystems
Entity where project took place: Norwegian University of Life Sciences
City of entity: As, Norway
Name principal investigator (PI, Co-PI...): Rolland Kallenborn
N° of researchers: 25
Start-End date: 2020 - 2023
- 2 Name of the project:** SEE-ME: CONSEQUENCES OF SINGULAR ENVIRONMENTAL EVENTS ON THE CYCLE OF METALS IN COASTAL LAGOONS AND THEIR INFLUENCE ON THE INCORPORATION OF METALS BY PRIMARY PRODUCERS
Entity where project took place: SPANISH INSTITUTE OF OCEANOGRAPHY **Type of entity:** State agency
City of entity: VIGO, Galicia, Spain
Name principal investigator (PI, Co-PI...): JUAN SANTOS ECHEANDÍA; PAULA SÁNCHEZ MARÍN
N° of researchers: 3
Start-End date: 2020 - 2023
Total amount: 130.000 €
- 3 Name of the project:** NET4SEA - Scientific network of risk analysis and exposure to emerging pollutants in the marine environment
Entity where project took place: University of the Balearic Islands **Type of entity:** University
City of entity: Palma de Mallorca, Balearic Islands, Spain
Name principal investigator (PI, Co-PI...): Manuel Miró
N° of researchers: 12
Start-End date: 2019 - 2021
Total amount: 68.000 €



- 4** **Name of the project:** METAPLAS -Metal-microplastics interaction and its toxicity on marine organisms
Type of project: Research and development, including transfer
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body
City of entity: San Pedro del Pinatar, Region of Murcia, Spain
Name principal investigator (PI, Co-PI....): Juan Santos Echeandía; José Roberto Rivera Hernández
Nº of researchers: 2
Funding entity or bodies: CONACYT **Type of entity:** Public Research Body
City funding entity: Ciudad de México, Mexico
Type of participation: Team member
Start-End date: 2017 - 2019
- 5** **Name of the project:** SIMWESTMED - Supporting Maritime Spatial Planning in the Western Mediterranean region
Type of project: Research and development, including transfer
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body
City of entity: San Pedro del Pinatar, Region of Murcia, Spain
Name principal investigator (PI, Co-PI....): María Gómez Ballesteros
Nº of researchers: 15
Funding entity or bodies: EC – DG Maritime Affairs and Fisheries
Type of participation: Team member
Start-End date: 2017 - 2018
Total amount: 2.800.000 €
- 6** **Name of the project:** EPHEMARE-Ecotoxicological effects of microplastics in marine ecosystems
Type of project: Research and development, including transfer
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body
City of entity: San Pedro del Pinatar, Region of Murcia, Spain
Name principal investigator (PI, Co-PI....): Marina Albentosa Verdú
Nº of researchers: 20
Funding entity or bodies: JPI Oceans- EU
Type of participation: Team member
Start-End date: 2015 - 2018
Total amount: 100.000 €
- 7** **Name of the project:** OCAL- Oceanographic dynamics of the Gulf of Cádiz and its influence on the functioning of the planktonic ecosystem
Type of project: Basic research (including archaeological digs, etc)
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body



City of entity: Málaga, Andalusia, Spain

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of participation: Team member

Start-End date: 2015 - 2017

Total amount: 100.000 €

8 Name of the project: IMPACTA- Impact of microplastics, regulated and emerging pollutants on marine ecosystems and establishment of their environmental quality criteria

Type of project: Basic research (including archaeological digs, etc)

Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain

Name principal investigator (PI, Co-PI....): Víctor M. León León

Nº of researchers: 11

Funding entity or bodies:

Ministerio de Economía y Competitividad

Type of participation: Team member

Start-End date: 2014 - 2017

Total amount: 140.000 €

9 Name of the project: Geochemical Behaviour of Platinum Group of Elements (PGE) and micronutrients in Selected Indian Estuaries and Open Ocean Waters

Type of project: Basic research (including archaeological digs, etc)

Geographical area: Non EU International

Degree of contribution: Scientific coordinator

Entity where project took place: Manipal Center for Natural Sciences

City of entity: Manipal, India

Name principal investigator (PI, Co-PI....): Gurumurthy G.P.

Nº of researchers: 4

Type of participation: Others

Start-End date: 2013 - 2015

Duration: 3 years

Total amount: 46.740,52 €

10 Name of the project: ACVEBAMA- Comprehensive study of the aquifer system and discharges to Magdalena Bay (Mexico)

Type of project: Research and development, including transfer

Geographical area: Non EU International

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Marine Research Institute (CSIC) and IPN-CICIMAR (México) **Type of entity:** R&D Centre

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandia

Nº of researchers: 8

Type of participation: Co-ordinator

Name of the programme: i-COOP H2O

Start-End date: 2013 - 2014

Duration: 1 year - 6 months

Total amount: 20.300 €



- 11 Name of the project:** Contribution of remote nutrients and pollutants from atmospheric and biotic deposition to the Cabrera Archipelago (CONCORDA)
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Mediterranean Institute of Advanced Studies (IMEDEA-CSIC) **Type of entity:** State agency
City of entity: Esporles, Balearic Islands, Spain
Name principal investigator (PI, Co-PI....): Antoni Jordi Ballester
Funding entity or bodies: Ministerio de Medio Ambiente y Medio Rural y Marino **Type of entity:** Public
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 2012 - 2014
Total amount: 113.188,75 €
- 12 Name of the project:** Trace metal inputs to the coastal zone under different oceanographic periods. Influence of phytoplankton on trace metal concentration.
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Researcher
Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency
City of entity: Vigo, Galicia, Spain
Name principal investigator (PI, Co-PI....): Ricardo Prego
Funding entity or bodies: Ministry of Economy and Competitivity
Start-End date: 2012 - 2014 **Duration:** 3 years
Total amount: 72.500 €
Dedication regime: Full time
- 13 Name of the project:** The role of iron in the CO₂ interchange between the Southern Ocean and the atmosphere
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 the Balearic Islands **Type of entity:** University
City of entity: Palma de Mallorca, Balearic Islands, Spain
Name principal investigator (PI, Co-PI....): Luis M. Laglera Baquer
N° of researchers: 2
Funding entity or bodies: Ministerio de Ciencia e Innovación. Investigación **Type of entity:** Pública
City funding entity: Madrid, Community of Madrid, Spain
Start-End date: 2011 - 2012
Total amount: 39.000 €
- 14 Name of the project:** Cost Action ES0801: the ocean chemistry of bioactive trace elements and paleoclimate proxies
Type of project: Research and development, including transfer **Geographical area:** European Union
Degree of contribution: Researcher



Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Gideon Henderson; Ricardo Prego; Antonio Cobelo García

Funding entity or bodies:

COST ACTION ES0801 FUNDED BY THE CSO, UE

Start-End date: 2008 - 2012

Total amount: 200.000 €

15 Name of the project: Evaluation of ecological status of coastal waters and transitional waters and highly modified water bodies (EEMA)

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: National Institute of Biological Resources (INRB/IPIMAR) **Type of entity:** R&D Centre

City of entity: Lisboa, Lisboa, Portugal

Name principal investigator (PI, Co-PI....): Carlos Alberto García do Vale

Funding entity or bodies:

Instituto da Agua (INAG)

Type of entity: Administrative Body of the National Health System

City funding entity: Lisbon, Lisboa, Portugal

Start-End date: 2009 - 2011

Total amount: 600.000 €

16 Name of the project: Influence of the meteorological forcing, local geochemistry and estuarine zone on the hydrodynamic, biogeochemical cycle of trace metals and phytoplankton transport in the northern Galician rias (INTERESANTE)

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Ricardo Prego

N° of researchers: 15

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Público

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 2008 - 2011

Total amount: 220.000 €

17 Name of the project: Interaction between natural and anthropogenic factors in the Galician Coast: Evaluation of the coastal environments status for a better management of the coastline

Type of project: Basic research (including archaeological digs, etc)

Geographical area: Regional

Degree of contribution: Researcher

Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Marta Pérez Arlucea; Antonio Cobelo García

**Funding entity or bodies:**

Xunta de Galicia

Start-End date: 2008 - 2011**Total amount:** 128.375 €

- 18 Name of the project:** Influence of the Cabo Ortegal geological complex on the Ortigueira Ria: background levels and trace metal enrichment and rare earth elements

Type of project: Basic research (including archaeological digs, etc)**Geographical area:** National**Degree of contribution:** Researcher**Entity where project took place:** Marine Research Institute (IIM-CSIC) **Type of entity:** State agency**City of entity:** Vigo, Galicia, Spain**Name principal investigator (PI, Co-PI....):** Ricardo Prego Reboredo**Nº of researchers:** 6**Funding entity or bodies:**

Consejo Superior de Investigaciones Científicas

Type of entity: State agency**City funding entity:** Madrid, Community of Madrid, Spain**Start-End date:** 2008 - 2009

- 19 Name of the project:** Participation in the Geotraces program: intercalibration of procedures for sampling and analysis of trace elements in seawater

Type of project: Basic research (including archaeological digs, etc)**Geographical area:** European Union**Degree of contribution:** Researcher**Entity where project took place:** Marine Research Institute (IIM-CSIC) **Type of entity:** State agency**City of entity:** Vigo, Galicia, Spain**Name principal investigator (PI, Co-PI....):** Antonio Cobelo García**Funding entity or bodies:**

Ministerio de Ciencia e Innovación. Investigación

Type of entity: Público**City funding entity:** Madrid, Community of Madrid, Spain**Start-End date:** 2008 - 2009**Total amount:** 10.000 €

- 20 Name of the project:** Biogeochemistry of plant rhizosphere - importance to toxicity and phytoremediation

Type of project: Basic research (including archaeological digs, etc)**Geographical area:** National**Degree of contribution:** Researcher**Entity where project took place:** National Institute of Biological Resources (INRB/IPIMAR) **Type of entity:** R&D Centre**City of entity:** Lisboa, Lisboa, Portugal**Name principal investigator (PI, Co-PI....):** Maria Teresa Vasconcelos; Miguel Martins Caetano**Funding entity or bodies:**

Portuguese Science Foundation (FCT)

Start-End date: 2006 - 2008**Total amount:** 120.000 €



21 Name of the project: Biogeochemical budget and 3D modelling of heavy metal transport in a Ria system (METRIA)

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Ricardo Prego

N° of researchers: 15

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Público

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 2003 - 2006

Total amount: 54.000 €

22 Name of the project: METRIA Project Campaigns

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Researcher

Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Name principal investigator (PI, Co-PI....): Ricardo Prego

N° of researchers: 15

Funding entity or bodies:

Comisión Interministerial de Ciencia y Tecnología **Type of entity:** Entidad pública

City funding entity: Madrid, Community of Madrid, Spain

Start-End date: 2004 - 2005

Total amount: 25.900 €

23 Name of the project: Ciencia en el Puerto 2007

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Scientific Instructor

Entity where project took place: Marine Research Institute (IIM-CSIC) **Type of entity:** State agency

City of entity: Vigo, Galicia, Spain

Funding entity or bodies:

Fundación Española para la Ciencia y la Tecnología **Type of entity:** Public Foundation

City funding entity: Madrid, Community of Madrid, Spain

Start date: 2007

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

1 **Name of the project:** SCIENTIFIC STUDIES AND RESEARCH AIMED AT IMPROVING AND OPTIMIZING THE ENVIRONMENTAL EVALUATION OF THE INFRASTRUCTURE MANAGEMENT PLAN OF THE NEW CARTAGENA DARSENA

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Nieves López

Nº of researchers: 20

Start date: 2020

Duration: 2 years

2 **Name of the project:** BIOFOM - Biogeochemical Study of the Mar Menor Bottom

Type of project: Precompetitive development

Entity where project took place: Instituto Español de Oceanografía

Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía

Type of entity: Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain

Name principal investigator (PI, Co-PI....): Juan Santos Echeandía; José Álvarez Rogel; Jesús Forja Pajares

Nº of researchers: 8

Funding entity or bodies:

Tragsatec S.A.

Type of entity: R&D Centre

Start date: 2018

Duration: 1 year - 6 months

Total amount: 158.850,25 €

3 **Name of the project:** ESMARES2C5A2. Assessment and monitoring of pollution in Mediterranean demarcations: Marine Strategies and Barcelona Convention

Type of project: Basic research (including archaeological digs, etc)

Entity where project took place: Instituto Español de Oceanografía

Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía

Type of entity: Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain

Name principal investigator (PI, Co-PI....): Juan A. Campillo González

Nº of researchers: 5

Funding entity or bodies:

Instituto Español de Oceanografía

Type of entity: Public Research Body

City funding entity: Madrid, Community of Madrid, Spain

Start date: 2018

Duration: 3 years

Total amount: 100.000 €

4 **Name of the project:** ESMARME 2018. Surveillance of chemical contamination and its biological effects in relation to compliance with the MED POL program of the Barcelona Convention

Type of project: Basic research (including archaeological digs, etc)

Entity where project took place: Instituto Español de Oceanografía

Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía

Type of entity: Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain



Name principal investigator (PI, Co-PI....): Juan A. Campillo González

N° of researchers: 5

Funding entity or bodies:

Instituto Español de Oceanografía

Type of entity: Public Research Body

City funding entity: Madrid, Community of Madrid, Spain

Start date: 2018

Duration: 1 year

Total amount: 100.000 €

- 5 Name of the project:** MEPESA - Commissioning of the heavy metals in water research line
Type of project: Basic research (including archaeological digs, etc) **Entity where project took place:** Instituto Español de Oceanografía
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body
City of entity: San Pedro del Pinatar, Region of Murcia, Spain
Name principal investigator (PI, Co-PI....): Juan Santos Echeandía
N° of researchers: 1
Funding entity or bodies:
Instituto Español de Oceanografía **Type of entity:** Public Research Body
City funding entity: Madrid, Community of Madrid, Spain
Start date: 2018 **Duration:** 1 year
Total amount: 26.900 €
- 6 Name of the project:** ESMARME 2017. Surveillance of chemical contamination and its biological effects in relation to compliance with the MED POL program of the Barcelona Convention
Type of project: Basic research (including archaeological digs, etc) **Entity where project took place:** Instituto Español de Oceanografía
Degree of contribution: Researcher
Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body
City of entity: San Pedro del Pinatar, Region of Murcia, Spain
Name principal investigator (PI, Co-PI....): Juan A. Campillo González
N° of researchers: 5
Funding entity or bodies:
Instituto Español de Oceanografía **Type of entity:** Public Research Body
City funding entity: Madrid, Community of Madrid, Spain
Start date: 2017 **Duration:** 1 year
Total amount: 100.000 €
- 7 Name of the project:** Comprehensive oceanographic study of the high resolution of the coastal lagoon of the Mar Menor, Murcia, funded by the Autonomous Community of the Region of Murcia.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Eugenio Fraile Nuez
N° of researchers: 8
Start date: 2016 **Duration:** 1 year
Total amount: 95.000 €
- 8 Name of the project:** MMEM - Eutrophication monitoring program in the coastal lagoon of the Mar Menor
Type of project: Basic research (including archaeological digs, etc) **Entity where project took place:** Instituto Español de Oceanografía



Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain

Name principal investigator (PI, Co-PI....): Juan M. Ruiz Fernández

Nº of researchers: 10

Funding entity or bodies:

Instituto Español de Oceanografía

Type of entity: Public Research Body

City funding entity: Madrid, Community of Madrid, Spain

Start date: 2016

Duration: 2 years

Total amount: 100.000 €

- 9 Name of the project:** 2,2 - ESMARME. Vigilancia de la contaminación química y de sus efectos biológicos en relación con el cumplimiento del programa MED POL del Convenio de Barcelona (subproyecto 2-ESMARME)

Type of project: Basic research (including archaeological digs, etc)

Entity where project took place: Instituto Español de Oceanografía

Degree of contribution: Researcher

Entity where project took place: Instituto Español de Oceanografía **Type of entity:** Public Research Body

City of entity: San Pedro del Pinatar, Region of Murcia, Spain

Name principal investigator (PI, Co-PI....): Juan A. Campillo González

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Medio Ambiente Medio Rural y Marino

Start date: 2013

Duration: 3 years

Total amount: 300.000 €

Scientific and technological activities

Scientific production

H index: 19

Date of application: 20/11/2020

Publications, scientific and technical documents

- 1** Clara Almécija; Antonio Cobelo-García; Juan Santos-Echeandía. Improvement of the ultra-trace voltammetric determination of Rh in environmental samples using signal transformation. Talanta. 146, pp. 737 - 743. Elsevier, 2016.

Type of production: Scientific paper

Format: Journal

Position of signature: 3

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

Total no. authors: 3

Corresponding author: No

Impact source: SCOPUS

Category: Science Edition - CHEMISTRY, ANALYTICAL

Impact index in year of publication: 3.545

Journal in the top 25%: Yes

Relevant publication: Yes

- 2** Giada Trezzi; Jordi García-Orellana; Juan Santos-Echeandia; Valentí Rodellas; Ester García-Solsona; Gregorio García-Fernández; Pere Masque. The influence of a metal-enriched mining waste deposit on submarine groundwater discharge to the coastal sea. *Marine Chemistry*. 178, pp. 35 - 45. Elsevier, 2016.
- Type of production:** Scientific paper
Position of signature: 3
Total no. authors: 7
Impact source: SCOPUS
Impact index in year of publication: 2.735
Source of citations: SCOPUS
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 - OCEANOGRAPHY
Journal in the top 25%: Yes
Citations: 1
- 3** Diego Rial; Juan Santos-Echeandía; Xose Antón Álvarez-Salgado; Antoni Jordi; Antonio Tovar-Sánchez; Juan Bellas. Toxicity of seabird guano to sea urchin embryos and interaction with Cu and Pb. *Chemosphere*. 145, pp. 384 - 393. Elsevier, 2016.
- Type of production:** Scientific paper
Position of signature: 2
Total no. authors: 6
Impact source: SCOPUS
Impact index in year of publication: 3.340
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 - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
- 4** Patricia Neira; Antonio Cobelo-García; Victoria Besada; Juan Santos-Echeandía; Juan Bellas. Evidence of increased anthropogenic emissions of platinum: Time-series analysis of mussels (1991-2011) of an urban beach. *Science of the Total Environment*. 514, pp. 366 - 370. Elsevier, 2015.
- Type of production:** Scientific paper
Position of signature: 4
Total no. authors: 5
Impact source: SCOPUS
Impact index in year of publication: 4.099
Source of citations: SCOPUS
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 - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
Citations: 2
- 5** Luis M. Laglera; Juan Santos-Echeandia; Salvatore Caprara; Damiano Monticelli. Quantification of iron in seawater at the low picomolar range based on optimization of bromate/ammonia/dihydroxynaphtalene system by catalytic adsorptive cathodic stripping voltammetry. *Analytical Chemistry*. 85 - 4, pp. 2486 - 2492. Elsevier, 2013.
- Type of production:** Scientific paper
Position of signature: 2
Impact source: SCOPUS
Impact index in year of publication: 5.825
Source of citations: SCOPUS
Relevant publication: Yes
- Format:** Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - CHEMISTRY, ANALYTICAL
Journal in the top 25%: Yes
Citations: 7



- 6** Rafael Cervantes Duarte; Juan Santos-Echeandía; Juan J. Rodríguez Herrera; Ana J. Marmolejo Rodríguez. Holistic study of water quality in the littoral of puerto san carlos, Baja California Sur, Mexico | Estudio integral de la calidad del agua en el litoral del puerto san carlos, baja california sur, México. Revista Internacional de Contaminación Ambiental. 36 - 4, pp. 927 - 943. 2020.
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 4
Impact source: ISI
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
- 7** Adriana A. Cortés-Gómez; Diego Romero; Juan Santos-Echeandía; J.R. Rivera-Hernández; Marc Girondont. Inorganic elements in live vs dead nesting olive ridley marine turtles in the Mexican Pacific: Introducing a new statistical methodology in ecotoxicology. Science of the Total Environment. In press, 2020.
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 5
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
Category: Environmental Science (miscellaneous)
Journal in the top 25%: Yes
- 8** Juan Santos-Echeandía; J.R. Rivera-Hernández; Joana P. Rodrigues; Vicens Moltó. Interaction of mercury with beached plastics with special attention to zonation, degradation status and polymer type. Marine Chemistry. 222, pp. 103788. 2020.
Type of production: Scientific paper
Position of signature: 1
Total no. authors: 4
Impact source: ISI
Impact index in year of publication: 2.933
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
- 9** Beatriz Fernandez; Soledad Garrido; Juan Santos-Echeandía; J.R. Rivera-Hernández; Marina Albentosa. Mercury interactions with algal and plastic microparticles: Comparative role as vectors of metals for the mussel, Mytilus galloprovincialis. Journal of Hazardous Materials. 396, pp. 122739. 2020.
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 5
Impact source: ISI
Impact index in year of publication: 9.038
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
- 10** J.R. Rivera-Hernández; Beatriz Fernández; Juan Santos-Echeandía; Soledad Garrido; María Morante; Pablo Santos; Marina Albentosa. Biodynamics of mercury in mussel tissues as a function of exposure pathway: natural vs microplastic routes. Science of the Total Environment. 674, pp. 412 - 423. 2019.
Type of production: Scientific paper
Position of signature: 3
Total no. authors: 7
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee



Impact source: ISI

Impact index in year of publication: 6.551

Source of citations: SCOPUS

Category: Environmental Science (miscellaneous)

Journal in the top 25%: Yes

Citations: 13

- 11** Ana Romero Freire; Juan Santos-Echeandía; Patricia Neira; Antonio Cobelo-García. Less-studied technology-critical elements (Nb, ta, ga, in, ge, te) in the marine environment: Review on their concentrations in water and organisms. *Frontiers in Marine Science*. 532, 2019.

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.07

Format: Journal

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

Category: Environmental Science (miscellaneous)

Journal in the top 25%: Yes

- 12** Joana P. Rodrigues; Armando C. Duarte; Juan Santos-Echeandía; Teresa Rocha-Santos. Significance of interactions between microplastics and POPs in the marine environment: A critical overview. *TrAC - Trends in Analytical Chemistry*. 111, pp. 252 - 260. 2019.

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 7.030

Source of citations: SCOPUS

Format: Journal

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

Category: Analytical Chemistry

Journal in the top 25%: Yes

Citations: 50

- 13** Juan A. Campillo; Juan Santos-Echeandía; Beatriz Fernández. The hydrological regime of a large Mediterranean river influences the availability of pollutants to mussels at the adjacent marine coastal area: Implications for temporal and spatial trends. *Chemosphere*. 1237, pp. 124492. 2019.

Type of production: Scientific paper

Position of signature: 2

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 5.778

Format: Journal

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

Category: Environmental Science (miscellaneous)

Journal in the top 25%: Yes

- 14** C.J.M. Hoppe; Chirstine Klass; S. Ossebaar; M.A. Soppa; W. Cheah; Luis M. Laglera; Juan Santos-Echeandía; B. Rost; D. Wolf-Gladrow; A. Bracher; M. Hoppema; V. Strass; S. Trimborn. Controls of primary production in two phytoplankton blooms in the Antarctic Circumpolar Current. *Deep-Sea Research Part II: Topical Studies in Oceanography*. 138, pp. 63 - 73. Elsevier, 2017.

Type of production: Scientific paper

Position of signature: 7

Total no. authors: 13

Impact source: ISI

Impact index in year of publication: 2.451

Format: Journal

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

Category: Oceanography

- 15** Wee Cheah; Mariana A. Soppa; S Wiegmann; Sharyn Ossebaar; Luis M. Laglera; Volker H. Strass; Juan Santos Echeandia; Mario Hoppema; Dieter Wolf Gladrow; Astrid Bracher. Importance of deep mixing and silicic acid in regulating phytoplankton biomass and community in the iron-limited Antarctic Polar Front region in summer. Deep Sea Research Part II: Topical Studies in Oceanography. 138, pp. 74 - 85. Elsevier, 2017.
Type of production: Scientific paper
Position of signature: 7
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 2.451
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: Oceanography
- 16** Viena Puigcorbé; Muntsa Roca Martí; Pere Masqué; C.R. Benítez Nelson; Rutgers van der Loeff; Luis M. Laglera; A. Bracher; Wee Cheah; V. Strass; M. Hoppema; Juan Santos-Echeandía; B P V Hunt; Evgeny Pakhomov; Chirstine Klass. Iron sources alter the response of Southern Ocean phytoplankton to ocean acidification. Marine Ecology Progress Series. 138, pp. 86 - 101. 2017.
Type of production: Scientific paper
Position of signature: 11
Total no. authors: 14
Impact source: ISI
Impact index in year of publication: 2.276
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Ecology
- 17** Patricia Bernardez; Ricardo Prego; Ana V. Filgueiras; Natalia Ospina-Álvarez; Juan Santos-Echeandía; Miguel A. Álvarez-Vázquez; Miguel Caetano. Lithogenic sources, composition and intra-annual variability of suspended particulate matter supplied from rivers to the Northern Galician Rias (Bay of Biscay). Journal of Sea Research. 130, pp. 73 - 84. Elsevier, 2017.
Type of production: Scientific paper
Position of signature: 5
Total no. authors: 7
Impact source: ISI
Impact index in year of publication: 1.729
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Oceanography
- 18** Joao Canario; Juan Santos Echeandia; A Padeiro; E Amaro; Volker H. Strass; Christine Klaas; Mario Hoppema; Sharyn Ossebaar; B.P. Koch; Luis M. Laglera. Mercury and methylmercury in the Atlantic sector of the Southern Ocean. Deep Sea Research Part II: Topical Studies in Oceanography. 138, pp. 52 - 62. Elsevier, 2017.
Type of production: Scientific paper
Position of signature: 2
Total no. authors: 10
Impact source: ISI
Impact index in year of publication: 2.451
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
Category: OCEANOGRAPHY
- 19** Viena Puigcorbé; Muntsa Roca Martí; Pere Masqué; C.R. Benítez Nelson; Rutgers van der Loeff; Luis M. Laglera; A. Bracher; Wee Cheah; V. Strass; M. Hoppema; Juan Santos-Echeandía; B P V Hunt; Evgeny Pakhomov; Chirstine Klass. Particulate organic carbon export across the Antarctic Circumpolar Current at 10°E: Differences between north and south of the Antarctic Polar Front. Deep-Sea Research Part II: Topical Studies in Oceanography. 138, pp. 86 - 101. Elsevier, 2017.
Type of production: Scientific paper
Position of signature: 11
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee



Total no. authors: 14

Impact source: ISI

Impact index in year of publication: 2.451

Category: Oceanography

- 20** Damien Cabanes; Louiza Norman; Juan Santos Echeandía; Morten H. Iversen; Scarlett Trimborn; Luis M. Laglera; Christel Hassler. Salp fecal pellets interaction with iron biogeochemistry. *Frontiers in marine Biogeochemistry*. January 2017, 2017.

Type of production: Scientific paper

Position of signature: 3

Format: Journal

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

Total no. authors: 7

- 21** Clara Almécija; Antonio Cobelo-García; Juan Santos-Echeandía; M. Caetano. Platinum in salt marsh sediments: Behavior and plant uptake. *Marine Chemistry*. 185, pp. 91 - 103. Elsevier, 2016.

Type of production: Scientific paper

Position of signature: 3

Format: Journal

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

Total no. authors: 4

Impact source: ISI

Impact index in year of publication: 3.337

Category: Oceanography

- 22** Giada Trezzi; Jordi García Orellana; Valentí Rodellas; Juan Santos Echeandía; Antonio Tovar Sánchez; Ester García Solsona; Pere Masqué. Submarine groundwater discharge: A significant source of dissolved trace metals to the North Western Mediterranean Sea. *Marine Chemistry*. 186, pp. 90 - 100. Elsevier, 2016.

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 7

Impact source: ISI

Impact index in year of publication: 3.337

Format: Journal

Corresponding author: No

Category: Oceanography

- 23** Clara Almécija-Pereda; Mukul Sharma; Antonio Cobelo-García; Juan Santos-Echeandía; Miguel Caetano. Osmium and Platinum Decoupling in the Environment: Evidences in Intertidal Sediments. *Environmental Science and Technology*. 49 - 11, pp. 6545 - 6553. ACS, 2015.

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 5.481

Format: Journal

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

Corresponding author: No

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

- 24** Natalia Ospina-Alvarez; Miguel Caetano; Carlos Vale; Juan Santos-Echeandía; Patricia Bernárdez; Ricardo Prego. Exchange of nutrients across the sediment-water interface in intertidal ria systems (SW Europe). *Journal of Sea Research*. 85, pp. 349 - 358. Elsevier, 2014.

Type of production: Scientific paper

Position of signature: 4

Impact source: ISI

Impact index in year of publication: 1.829

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - OCEANOGRAPHY

Source of citations: SCOPUS**Citations:** 8

- 25** Antonio Cobelo-García; Juan Santos-Echeandía; Daniel López-Sánchez; Clara Almécija-Pereda; Dario Omanovic. Improving the voltammetric quantification of ill-defined peaks using second derivative signal transformation: example of the determination of platinum in water and sediments. *Analytical Chemistry*. 86 - 5, pp. 2308 - 2313. ACS, 2014. Available on-line at: <dx.doi.org/10.1021/ac403558y>.

Type of production: Scientific paper**Position of signature:** 2**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 5.695**Category:** Science Edition - CHEMISTRY, ANALYTICAL**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 8

- 26** Natalia Ospina-Álvarez; Miguel Caetano; Carlos Vale; Juan Santos-Echeandía; Ricardo Prego. Prevalence of tide-induced transport over other metal sources in a temperate estuarine zone (NW Iberian Peninsula). *Journal of Geochemical Exploration*. 140, pp. 46 - 55. Elsevier, 2014. Available on-line at: <http://dx.doi.org/10.1016/j.gexplo.2014.02.001>.

Type of production: Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 1.952**Source of citations:** SCOPUS**Citations:** 3

- 27** Antonio Cobelo-García; Daniel E. López-Sánchez; Clara Almécija-Pereda; Juan Santos-Echeandía. Behavior of platinum during estuarine mixing (Pontevedra Ria, NW Iberian Peninsula). *Marine Chemistry*. 150, pp. 11 - 18. Elsevier, 2013.

Type of production: Scientific paper**Position of signature:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 3.200**Category:** Science Edition - OCEANOGRAPHY**Journal in the top 25%:** Yes**Source of citations:** SCOPUS**Citations:** 8

- 28** Luis M. Laglera; Javier Downes; Juan Santos-Echeandía. Comparison and combined use of linear and non-linear fitting for the estimation of complexing parameters from metal titrations of estuarine samples by CLE/AdCSV. *Marine Chemistry*. 155, pp. 102 - 112. Elsevier, 2013.

Type of production: Scientific paper**Position of signature:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Impact source:** SCOPUS**Impact index in year of publication:** 3.200**Category:** Science Edition - CHEMISTRY, ANALYTICAL**Journal in the top 25%:** Yes**Citations:** 8

- 29** Juan Santos-Echeandía; Miguel Caetano; Luis M. Laglera; Carlos Vale. Salt-marsh areas as copper complexing ligand sources to estuarine and coastal systems. *Chemosphere*. 90 - 2, pp. 772 - 781. Elsevier, 2013.
Type of production: Scientific paper
Position of signature: 1
Impact source: ISI
Impact index in year of publication: 3.499
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: Yes
Citations: 5
- 30** Ricardo Prego; Juan Santos-Echeandía; Patricia Bernárdez; Antonio Cobelo-García; Manuel Varela. Trace metals in the NE Atlantic coastal zone of Finisterre (Iberian Peninsula): Terrestrial and marine sources and rates of sedimentation. *Journal of Marine Systems*. 126, pp. 69 - 81. Elsevier, 2013.
Type of production: Scientific paper
Position of signature: 2
Impact source: ISI
Impact index in year of publication: 2.476
Source of citations: SCOPUS
Relevant results: <http://dx.doi.org/10.1016/j.jmarsys.2012.05.008>
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY
Journal in the top 25%: Yes
Citations: 4
- 31** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García; Miguel Caetano. Metal composition and fluxes of sinking particles and post-depositional transformation in a ria coastal system (NW Iberian Peninsula). *Marine Chemistry*. 134-135, pp. 36 - 46. Elsevier, 2012.
Type of production: Scientific paper
Position of signature: 1
Impact source: ISI
Impact index in year of publication: 3.074
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - OCEANOGRAPHY
Journal in the top 25%: Yes
Citations: 5
- 32** Antonio Cobelo-García; Patricia Bernárdez; Manuel Leira; Daniel E. López-Sánchez; Juan Santos-Echeandía; Ricardo Prego; Marta Pérez Arlucea. Temporal and diel cycling of nutrients in a barrier-lagoon complex: Implications for phytoplankton abundance and composition. *Estuarine, Coastal and Shelf Science*. 110, pp. 69 - 76. Elsevier, 2012.
Type of production: Scientific paper
Position of signature: 5
Impact source: ISI
Impact index in year of publication: 2.247
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: Yes
Citations: 3

- 33** Juan Santos-Echeandía; Miguel Caetano; Pedro Brito; Joao Canario; Carlos Vale. The relevance of defining trace metal baselines in coastal waters at a regional scale: The case of the Portuguese coast (SW Europe). *Marine Environmental Research*. 79, pp. 86 - 99. Elsevier, 2012.
Type of production: Scientific paper
Position of signature: 1
Impact source: ISI
Impact index in year of publication: 2.276
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: Yes
Citations: 12
- 34** Miguel Caetano; Patricia Bernárdez; Juan Santos-Echeandía; Ricardo Prego; Carlos Vale. Tidally driven N, P, Fe and Mn exchanges in salt marsh sediments of Tagus estuary (SW Europe). *Environmental Monitoring and Assessment*. 184 - 11, pp. 6541 - 6552. Springer, 2012.
Type of production: Scientific paper
Position of signature: 3
Impact source: ISI
Impact index in year of publication: 1.400
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - ENVIRONMENTAL SCIENCES
Journal in the top 25%: No
Citations: 5
- 35** Juan Santos-Echeandía. Direct simultaneous determination of Co, Cu, Fe, Ni and V in pore waters by means of adsorptive cathodic stripping voltammetry with mixed ligands. *Talanta*. 85 - 1, pp. 506 - 512. Elsevier, 2011.
Type of production: Scientific paper
Position of signature: 1
Impact source: ISI
Impact index in year of publication: 3.794
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Category: Science Edition - CHEMISTRY, ANALYTICAL
Journal in the top 25%: Yes
Citations: 13
- 36** Paula Sánchez-Marín; Juan Santos-Echeandía; Mar Nieto-Cid; Xosé Antón Álvarez-Salgado; Ricardo Beiras. Effect of dissolved organic matter (DOM) of contrasting origins on Cu and Pb speciation and toxicity to *Paracentrotus lividus* larvae. *Aquatic Toxicology*. 96 - 2, pp. 90 - 102. Elsevier, 2010.
Type of production: Scientific paper
Position of signature: 2
Impact source: ISI
Impact index in year of publication: 3.333
Source of citations: SCOPUS
Format: Journal
Degree of contribution: Author or co-author of article in journal without external admissions assessment committee
Category: Science Edition - MARINE & FRESHWATER BIOLOGY
Journal in the top 25%: Yes
Citations: 34
- 37** Juan Santos-Echeandía; Carlos Vale; Miguel Caetano; Patricia Pereira; Ricardo Prego. Effect of tidal flooding on metal distribution in pore waters of marsh sediments and its transport to water column (Tagus estuary, Portugal). *Marine Environmental Research*. 70 - 5, pp. 358 - 367. Elsevier, 2010.
Type of production: Scientific paper
Position of signature: 1
Format: Journal



Impact source: ISI

Impact index in year of publication: 1.953

Source of citations: SCOPUS

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: No

Citations: 24

- 38** Ricardo Prego; Antonio Cobelo-García; Juan Santos-Echeandía; Maite de Castro; Natalia Ospina-Álvarez; Mar García Pérez. Estuary-ria exchange of cadmium, lead and zinc in the coastal system of the ria of Vigo (NW Iberian Peninsula) | [Intercambio estuario-ría de elementos traza en el sistema costero de la ría de Vigo (no península ibérica)]. Scientia Marina. 74 - suppl. 1, pp. 77 - 87. Inst Ciencias Mar Barcelona, 2010.

Type of production: Scientific paper

Position of signature: 3

Impact source: ISI

Impact index in year of publication: 1.079

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: No

Citations: 1

- 39** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García. Intra-annual variation and baseline concentrations of dissolved trace metals in the Vigo Ria and adjacent coastal waters (NE Atlantic Coast). Marine Pollution Bulletin. 58 - 2, pp. 298 - 303. Elsevier, 2009.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.630

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

Citations: 11

- 40** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García; G.E. Millward. Porewater geochemistry in a Galician Ria (NW Iberian Peninsula): Implications for benthic fluxes of dissolved trace elements (Co, Cu, Ni, Pb, V, Zn). Marine Chemistry. 117 - 1-4, pp. 77 - 87. Elsevier, 2009.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.726

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - OCEANOGRAPHY

Journal in the top 25%: Yes

Citations: 28

- 41** Juan Santos-Echeandía; Luis M. Laglera; Ricardo Prego; Constant M.G. van den Berg. Copper speciation in continental inputs to the Vigo Ria: Sewage discharges versus river fluxes. Marine Pollution Bulletin. 56 - 2, pp. 308 - 317. Elsevier, 2008.

Type of production: Scientific paper

Position of signature: 1

Format: Journal



Impact source: ISI

Impact index in year of publication: 2.562

Source of citations: SCOPUS

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - ENVIRONMENTAL SCIENCES

Journal in the top 25%: Yes

Citations: 18

- 42** Juan Santos-Echeandía; Luis M. Laglera; Ricardo Prego; Constant M.G. van den Berg. Copper speciation in estuarine waters by forward and reverse titrations. *Marine Chemistry*. 108 - 3-4, pp. 148 - 158. Elsevier, 2008.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.977

Position of publication: 5

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - OCEANOGRAPHY

Journal in the top 25%: Yes

No. of journals in the cat.: 5

Citations: 16

- 43** Juan Santos-Echeandía; Luis M. Laglera; Ricardo Prego; Constant M.G. van den Berg. Dissolved copper speciation behaviour during estuarine mixing in the San Simon Inlet (wet season, Galicia). Influence of particulate matter. *Estuarine, Coastal and Shelf Science*. 76 - 2, pp. 447 - 453. Elsevier, 2008.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.072

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: Yes

Citations: 13

- 44** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García. Influence of the heavy fuel spill from the Prestige tanker wreckage in the overlying seawater column levels of copper, nickel and vanadium (NE Atlantic ocean). *Journal of Marine Systems*. 72 - 1-4, pp. 350 - 357. Elsevier, 2008.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.255

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - GEOSCIENCES, MULTIDISCIPLINARY

Journal in the top 25%: Yes

Citations: 11

- 45** Ricardo Prego; Juan Santos-Echeandía; Antonio Cobelo-García. Letter to the editor re: Villares et al., 2007; on the impact of the Prestige oil spill on the levels of vanadium and other trace elements along the coast of Galicia (NW Iberian Peninsula). *Science of the Total Environment*. 399 - 1-3, pp. 216 - 218. Elsevier, 2008.

Type of production: Scientific paper

Position of signature: 2

Format: Journal

**Impact source:** ISI**Impact index in year of publication:** 2.579**Source of citations:** SCOPUS**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**Citations:** 2

- 46** Maria Jesús Belzunce-Segarra; Ricardo Prego; M.J. Wilson; J. Bacon; Juan Santos-Echeandía. Metal speciation in surface sediments of the Vigo Ria (NW Iberian Peninsula). *Scientia Marina*. 72 - 1, pp. 119 - 126. Inst Ciencias Mar Barcelona, 2008.

Type of production: Scientific paper**Position of signature:** 5**Impact source:** ISI**Impact index in year of publication:** 1.075**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Journal in the top 25%:** No**Citations:** 9

- 47** Ricardo Prego; Ana Virginia Filgueiras; Juan Santos-Echeandía. Temporal and spatial changes of total and labile metal concentration in the surface sediments of the Vigo Ria (NW Iberian Peninsula): Influence of anthropogenic sources. *Marine Pollution Bulletin*. 56 - 5, pp. 1031 - 1042. Elsevier, 2008.

Type of production: Scientific paper**Position of signature:** 3**Impact source:** ISI**Impact index in year of publication:** 2.562**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Category:** Science Edition - ENVIRONMENTAL SCIENCES**Journal in the top 25%:** Yes**Citations:** 20

- 48** Ricardo Prego; Antonio Cobelo-García; Judith Marmolejo-Rodríguez; Juan Santos-Echeandía. Trace elements in the Prestige fuel-oil spill: Levels and influence on Laxe Ria sediments (NW Iberian Peninsula) | [Elementos traza en el combustible vertido por el Prestige: Niveles e impacto sobre el sedimento de la Ría de Laxe (noroeste de España)]. *Ciencias Marinas*. 32 - 1B, pp. 179 - 186. Inst Investigaciones Oceanológicas, 2006.

Type of production: Scientific paper**Position of signature:** 4**Impact source:** ISI**Impact index in year of publication:** 0.439**Source of citations:** SCOPUS**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Journal in the top 25%:** No**Citations:** 7

- 49** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García. Copper, nickel, and vanadium in the Western Galician Shelf in early spring after the Prestige catastrophe: Is there seawater contamination?. *Analytical and Bioanalytical Chemistry*. 382 - 2, pp. 360 - 365. Springer, 2005.

Type of production: Scientific paper**Format:** Journal



Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.695

Source of citations: SCOPUS

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: Yes

Citations: 16

- 50** Antonio Cobelo-García; Juan Santos-Echeandía; Ricardo Prego; Óscar Nieto. Direct simultaneous determination of Cu, Ni and V in seawater using adsorptive cathodic stripping voltammetry with mixed ligands. *Electroanalysis*. 17 - 10, pp. 906 - 911. Wiley, 2005.

Type of production: Scientific paper

Position of signature: 2

Impact source: ISI

Impact index in year of publication: 2.189

Source of citations: SCOPUS

Format: Journal

Degree of contribution: Author or co-author of article in journal without external admissions assessment committee

Category: Science Edition - CHEMISTRY, ANALYTICAL

Journal in the top 25%: Yes

Citations: 16

- 51** Juan Santos-Echeandía. The Fate and Transport of Trace Metals Through Sewage Treatment Plant Processes. *Sewage Treatment: Uses, Processes and Impact*. Nova Science Publishers, 2009. ISBN 978-1-60692-959-9

Type of production: Book chapter

Position of signature: 1

Format: Book

Degree of contribution: Author or co-author of chapter in book

Citations: 1

- 52** Eugenio Fraile Nuez; F. Machín; J.M. Santana Casiano; Melchor González Dávila; J. Domínguez Yanes; J. Mercado; M.D. Cortés; María Gómez Ballesteros; Juan Santos Echeandía; Rocío García Muñoz; Aranzazu Ramos Segura; Jaime Bernardeau Esteller; Maria Dolores Belando Torrente; Soledad Garrido Faustino; R.M. Conde Caño; Juan M. Ruíz Fernández. Estudio oceanográfico integral de alta resolución de la laguna costera del Mar Menor, Murcia. pp. 1 - 136. 2018.

Type of production: Scientific-technical report

Position of signature: 9

Total no. authors: 16

Format: Scientific and technical document or report

Degree of contribution: Author or co-author of scientific or technical document for the general public

- 53** Craig Robinson; María J. Belzunce Segarra; Elvio Amato; Thii Bolam; Juan A. Campillo; Rita Fonseca; Alessio Gomiero; Víctor M. León; Claire Mason; Francesco Regoli; Juan Santos Echeandía; Birgit Schubert; Celine Tixier; Lucía Viñas. Interim Report of the Working Group on Marine Sediments in Relation to Pollution (WGMS). pp. 1 - 32. 2018.

Type of production: Scientific-technical report

Position of signature: 11

Total no. authors: 14

Format: Scientific and technical document or report

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

- 54** Juan M. Ruíz Fernández; Jaime Bernardeau Esteller; Rocío García Muñoz; Aranzazu Ramos Segura; Juan Santos Echeandía; Maria Dolores Belando Torrente; Pedro García Moreno. Evaluación del estado de conservación de las praderas de *Cymodocea Nodosa* en la laguna costera del mar Menor (2014-2016). pp. 1 - 150. 2017.

Type of production: Scientific-technical report

Position of signature: 5

Total no. authors: 7

Format: Scientific and technical document or report

Degree of contribution: Author or co-author of scientific or technical document for the general public



- 55** Impacto del vertido de hidrocarburos del Prestige sobre la red trófica microbiana planctónica. Impacto sobre os sistemas biológicos. Recursos en I+D+i dedicados ao estudo dos efectos da vertedura de Prestige (2003-08). pp. 345 - 346. Consello da Cultura Galega, 2012. ISBN 978-84-92923-39-7
Legal deposit: C 2663-2012
Type of production: Scientific-technical report **Format:** Book
- 56** Clara Almécija-Pereda; Antonio Cobelo-García; Juan Santos-Echeandía; Miguel Caetano. Sedimentary geochemistry of platinum in intertidal salt marsh sediments of the Tagus River Estuary (Lisbon, Portugal). Book of Abstracts of the 9th ISEG. Universidade de Aveiro, 2012. ISBN 978-972-789-365-2
Legal deposit: AV-34663-2012
Type of production: Scientific-technical report
Position of signature: 3 **Degree of contribution:** Author or co-author of reserved scientific or technical document
- 57** Antonio Cobelo-García; Juan Santos-Echeandía. The Behaviour of Dissolved Pt in the North Atlantic Ocean. Geochimica et Cosmochimica Acta. 73 - 13, pp. A232. Elsevier, 2009.
Type of production: Scientific-technical report **Format:** Journal
Position of signature: 2 **Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee
Impact source: ISI **Category:** Science Edition - GEOCHEMISTRY & GEOPHYSICS
Impact index in year of publication: 4.385 **Journal in the top 25%:** Yes
- 58** Juan Santos-Echeandía; Antonio Cobelo-García; Ricardo Prego. The Influence of Porewater Geochemistry on Benthic Fluxes of Dissolved Trace Elements. Geochimica et Cosmochimica Acta. 73 - 13, pp. A1157. Elsevier, 2009.
Type of production: Scientific-technical report **Format:** Journal
Position of signature: 1 **Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee
Impact source: ISI **Category:** Science Edition - GEOCHEMISTRY & GEOPHYSICS
Impact index in year of publication: 4.385 **Journal in the top 25%:** Yes
- 59** Ricardo Prego; Juan Santos-Echeandía; A.V. Filgueiras; Manuel Varela; Antonio Cobelo-García. Trace Metals in the Corcubión Sound (NW Iberian Peninsula). Comparison with Contamination Trend in the Galician Rias. Revista de Investigación Marina. 3, pp. 15 - 16. Unidad de Investigación Marina del Centro Tecnológico AZTI-Tecnalia, 2008.
Type of production: Scientific-technical report **Format:** Book
Position of signature: 2 **Degree of contribution:** Author or co-author of reserved scientific or technical document
- 60** Juan Santos-Echeandía; Mar García-Pérez; Ricardo Prego; Antonio Cobelo-García; Maite de Castro. Dissolved Lead in the Vigo Ria: Exchanges with San Simón Inlet. Book of Abstracts of the 5th Symposium of the Atlantic Iberian Margin. pp. 83 - 84. Designed Lda, 2006. ISBN 972-789-210-8
Type of production: Scientific-technical report **Format:** Book
Position of signature: 1 **Degree of contribution:** Author or co-author of reserved scientific or technical document



- 61** Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García. Temporal Variation of Trace metal Levels in the Water Column above the Prestige Wreckage: the case of Copper. Oceanography of the Bay of Biscay. Aica ediciones, 2006. ISBN 84-689-6894-3

Legal deposit: OU-21-2006

Type of production: Scientific-technical report

Position of signature: 1

Format: Book

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

Works submitted to national or international conferences

- 1** **Title of the work:** Caracterización de la contaminación por metales pesados en la costa Mediterránea

Name of the conference: Jornadas de Toxicología Españolas e Iberoamericanas, Sevilla 2018

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: No

City of event: Sevilla, Andalusia, Spain

Date of event: 29/06/2018

End date: 29/06/2018

Organising entity: Asociación Española de Toxicología

Type of entity: Associations and Groups

Sandra Marín Dalmau; Juan Santos Echeandía; Juan A. Campillo; María J. Ruiz.

- 2** **Title of the work:** Mercury content in beached and virgin plastics: environmental and ecotoxicological implications

Name of the conference: ISMS 2018 - VI INTERNATIONAL SYMPOSIUM ON MARINE SCIENCES

Type of event: Conference

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Vigo, Galicia, Spain

Date of event: 20/06/2018

End date: 22/06/2018

Organising entity: Universidade de Vigo

Type of entity: University

City organizing entity: Vigo, Galicia, Spain

Juan Santos Echeandía; José Rivera Hernández.

- 3** **Title of the work:** Sorption and desorption kinetics of mercury onto microalgae and microplastics

Name of the conference: ISMS 2018 - VI INTERNATIONAL SYMPOSIUM ON MARINE SCIENCES

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Vigo, Galicia, Spain

Date of event: 20/06/2018

End date: 22/06/2018

Organising entity: Universidade de Vigo

Type of entity: University

City organizing entity: Vigo, Galicia, Spain

José Rivera Hernández; Pablo Santos de los Ríos; Beatriz Fernández; Soledad Garrido; Juan Santos Echeandía; Marina Albentosa.

- 4** **Title of the work:** Uptake and distribution of mercury in tissues of mussels exposed to metal-loaded microplastics

Name of the conference: ISMS 2018 - VI INTERNATIONAL SYMPOSIUM ON MARINE SCIENCES



Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Vigo, Galicia, Spain

Date of event: 20/06/2018

End date: 22/06/2018

Organising entity: Universidade de Vigo

Type of entity: University

City organizing entity: Vigo, Galicia, Spain

Beatriz Fernández; María Morante; Soledad Garrido; José Rivera Hernández; Juan Santos Echeandía; Marina Albentosa.

- 5 Title of the work:** Comparative exposure of mussels to chlorpyrifos through microplastic and microalgal particles.

Name of the conference: ICCE 2017 - 16TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Oslo, Norway

Date of event: 18/06/2017

End date: 22/06/2017

Marina Albentosa; Víctor M. León León; Juan Bellas; Juan Santos Echeandía; Juan A. Campillo.

- 6 Title of the work:** Current-use pesticides and personal care products in surface sediments from the Spanish Mediterranean continental shelf

Name of the conference: ICCE 2017 - 16TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Oslo, Norway

Date of event: 18/06/2017

End date: 22/06/2017

Víctor M. León León; Inés García; Patricia Díez; Juan Santos Echeandía; Juan A. Campillo.

- 7 Title of the work:** Heavy metals in the sediments of two Spanish coastal systems and their transfer to the food chain

Name of the conference: ICCE 2017 - 16TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT

Type of event: Conference

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Oslo, Norway

Date of event: 18/06/2017

End date: 22/06/2017

Juan Santos Echeandía; Víctor M. León León; Victoria Besada; Fernando Schultze; María López Rodríguez.

- 8 Title of the work:** Microplastic distribution along Spanish Mediterranean coast and Mar Menor lagoon

Name of the conference: ICCE 2017 - 16TH INTERNATIONAL CONFERENCE ON CHEMISTRY AND THE ENVIRONMENT

Type of event: Conference



Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Oslo, Norway

Date of event: 18/06/2017

End date: 22/06/2017

Ana V. Filgueiras; Jesús Gago; Olga Carretero; Juan Santos Echeandía; Víctor M. León León.

9 Title of the work: Salp fecal pellets interaction with Iron biogeochemistry Consequences for the carbon pump

Name of the conference: 14th Swiss Geoscience Meeting

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Ginebra, Switzerland

Date of event: 18/11/2016

End date: 19/11/2016

Damien Cabanes; Louiza Norman; Juan Santos Echeandía; Morten Iversen; Scarlett Trimborn; Luis M. Laglera; Christel Hassler.

10 Title of the work: Mercury and methylmercury in the Atlantic sector of the Southern Ocean: Results from Eddy Pump - ANTXXVIII/3 cruise

Name of the conference: XXXIV SCAR

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Kuala Lumpur, Malaysia

Date of event: 20/08/2016

End date: 30/08/2016

Joao Canario; Juan Santos-Echeandía; Ana Padeiro; Eduardo Amaro; Volker Strass; Christine Klaas; Sharyn Ossebaar; Boris Koch; Luis M Laglera.

11 Title of the work: The role of mixing and silicate in regulating phytoplankton community structure in the iron-limited Antarctic Polar Front

Name of the conference: XXXIV SCAR

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Kuala Lumpur, Malaysia

Date of event: 20/08/2016

End date: 30/08/2016

Wee Cheah; Mariana M Soppa; Sonja Wiegmann; Sharyn Ossebaar; Luis M. Laglera; Volker H. Strass; Juan Santos Echeandía; MARIO Hoppema; Dieter Wolf Gladrow; Astrid Bracher.

12 Title of the work: Two decades of trace metals monitoring in the Spanish Mediterranean Sea with wild mussels: geographical features and temporal trends

Name of the conference: V Simposio Internacional de Ciencias del Mar

Type of event: Conference

Type of participation: Participatory - invited/keynote talk

City of event: Alicante, Spain

Date of event: 20/07/2016

End date: 22/07/2016

Juan Santos Echeandía; Juan A. Campillo; Victor M. León; Carlos Guitart; José Benedicto.



- 13** **Title of the work:** Lithogenic sources, composition and intra-annual variability of suspended organic matter and particulate metals supplied from pristine rivers to the Western Cantabrian Sea (Bay of Biscay, SW Europe)
Name of the conference: ISOBAY15- XV International Symposium on Oceanography of the Bay of Biscay
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Bilbao, Spain
Date of event: 22/06/2016
End date: 24/06/2016
Patricia Bernárdez; Ricardo Prego; Miguel Ángel Álvarez Vázquez; Natalia Ospina Álvarez; Juan Santos-Echeandía; Ana Virginia Filgueiras.
- 14** **Title of the work:** Iron Sources Modulate Southern Ocean Phytoplankton Responses to Ocean Acidification
Name of the conference: Gordon Research Conference
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: HongKong, China
Date of event: 12/06/2016
End date: 17/06/2016
Scarlett Trimborn; Tina Brenneis; Luis M. Laglera; Louiza Norman; Juan Santos-Echeandía; C Volkner; Dieter Wolf Gladrow; C.S. Hassler.
- 15** **Title of the work:** The environmental geochemistry of platinum: recent advances for an emerging inorganic contaminant.
Name of the conference: 10th International Conference – Processes in Isotopes and Molecules
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Cluj-Napoca, Romania
Date of event: 23/09/2015
End date: 25/09/2015
Organising entity: INCDTIM
Antonio Cobelo-García; Clara Almécija; Juan Santos-Echeandía; Jörg Schafer; Patricia Neira; Melina Abdou.
- 16** **Title of the work:** Land-Sea exchange of nutrient salts and organic matter in a small ria: anthropogenic disturbance of river contributions and ria budget implications.
Name of the conference: ECSA 55 Unbounded boundaries and shifting baselines: Estuaries and coastal seas in a rapidly changing world
Type of event: Conference
Type of participation: Participatory - poster
City of event: London, United Kingdom
Date of event: 06/09/2015
End date: 09/09/2015
Miguel Ángel Álvarez-Vázquez; María Dolores Doval; Juan Santos-Echeandía; Elena de Uña-Álvarez; Antonio Cobelo-García; Carlos García-Soto.
- 17** **Title of the work:** Pt-Os decoupling in the environment: sedimentary behaviour and diffusive fluxes
Name of the conference: Gordon Research Conference: 2015 Chemical Oceanography
Type of event: Conference
Type of participation: Participatory - poster
City of event: New Hampshire, United States of America
Date of event: 26/07/2015



End date: 31/07/2015

Clara Almécija; Miguel Caetano; Antonio Cobelo-García; Mukul Sharma; Juan Santos-Echeandía.

18 Title of the work: Contrasting geochemical behaviour and sources of osmium and platinum in the environment as revealed from intertidal sediments

Name of the conference: 13th International Estuarine Biogeochemistry Symposium (13th IEBS)

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Burdeos, France

Date of event: 07/06/2015

End date: 10/06/2015

Organising entity: University of Bordeaux

Clara Almécija; Antonio Cobelo-García; Mukul Sharma; Juan Santos-Echeandía; Miguel Caetano.

19 Title of the work: The role of Submarine Groundwater Discharge in the mining contaminated El Gorguel Bay (Spain)

Name of the conference: ICC 2014, the International Carbon Conference

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Reykjavik, Iceland

Date of event: 25/08/2014

End date: 29/08/2014

Giada Trezzi; Jordi García-Orellana; Juan Santos-Echeandía; Valentí Rodellas; Pere Masqué; Esther García-Solsona; Gonzalo García-Fernández.

20 Title of the work: The role of Submarine Groundwater Discharge in the mining contaminated El Gorguel Bay (Spain)

Name of the conference: 5th Ra-Rn Workshop

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Arraial do Cabo, Brazil

Date of event: 21/07/2014

End date: 25/07/2014

Giada Trezzi; Jordi García-Orellana; Juan Santos-Echeandía; Valentí Rodellas; Pere Masqué; Esther García-Solsona; Gonzalo García-Fernández.

21 Title of the work: Evidence of Increased Anthropogenic Emissions of Platinum in Coastal Systems from Time-Series Analysis of Mussels Samples (1991-2011)

Name of the conference: IMMR | International Meeting on Marine Research 2014

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Peniche, Portugal

Date of event: 10/07/2014

End date: 11/07/2014

Patricia Neira del Rio; Antonio Cobelo-García; Juan Santos-Echeandía; Victoria Besada.

22 Title of the work: Comprehensive study of the Magdalena Bay (México): the relevance of water depuration in an

Name of the conference: IV Congreso de Ciencias del Mar

Type of event: Conference

Type of participation: 'Participatory - poster

City of event: Las Palmas de Gran Canaria, Canary Islands, Spain



Date of event: 11/06/2014

End date: 13/06/2014

Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University

Juan Santos-Echeandía; Rafael Cervantes-Duarte; Juan J.R. Herrera; Antonio Cobelo-García; Ricardo Prego; Judith Marmolejo.

23 Title of the work: Iron partition in surface waters of a large-scale summer bloom south of the Antarctic Polar Front

Name of the conference: IV Congreso de Ciencias del Mar

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Las Palmas de Gran Canaria, Canary Islands, Spain

Date of event: 11/06/2014

End date: 13/06/2014

Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University

Luis Laglera; Juan Santos-Echeandía; Christine Klaas; Dieter Wolf-Gladrow.

24 Title of the work: Natural enrichment of coastal waters: the influence of the geological basement on trace metal

Name of the conference: IV Congreso de Ciencias del Mar

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: Las Palmas de Gran Canaria, Canary Islands, Spain

Date of event: 11/06/2014

End date: 13/06/2014

Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University

Juan Santos-Echeandía; Patricia Bernárdez; Miguel Caetano; Ricardo Prego.

25 Title of the work: Platinum in Salt Marsh sediments: behaviour and biological uptake

Name of the conference: IV Congreso de Ciencias del Mar

Type of event: Conference

Type of participation: Participatory - poster

City of event: Las Palmas de Gran Canaria, Canary Islands, Spain

Date of event: 11/06/2014

End date: 13/06/2014

Organising entity: Universidad de las Palmas de Gran Canaria **Type of entity:** University

Clara Almécija; Antonio Cobelo-García; Juan Santos-Echeandía; Miguel Caetano.

26 Title of the work: Salt Marsh Sediment as Source of Osmium to the Oceans

Name of the conference: Goldschmidt 2014

Type of event: Conference

Type of participation: Participatory - oral communication

City of event: California, United States of America

Date of event: 08/06/2014

End date: 13/06/2014

Organising entity: Geochemical Society/European Association of Geochemistry **Type of entity:** Associations and Groups

Clara Almécija-Pereda; Mukul Sharma; Antonio Cobelo-García; Juan Santos-Echeandía; Miguel Caetano.



- 27** **Title of the work:** The availability and the source of iron modulate ocean acidification effects in antarctic phytoplankton
Name of the conference: DUST 2014: International Conference on Atmospheric Dust
Type of event: Conference
City of event: Castellaneta Marina, Italy
Date of event: 01/06/2014
End date: 06/06/2014
Organising entity: University Aldo Moro and National Research Council of Italy
Type of entity: University
City organizing entity: Bari, Italy
Scarlett Trimborn; Clara J.M. Hoppe; Louiza Norman; Juan Santos-Echeandia; Luis M. Laglera; Christel Hassler.
- 28** **Title of the work:** Respuesta del fitoplancton al aporte de aerosoles atmosféricos.
Name of the conference: XII Reunión Ibérica sobre Microalgas Nocivas y Biotoxinas
Type of event: Conference
City of event: Palma de Mallorca, Balearic Islands, Spain
Date of event: 17/10/2013
End date: 18/03/2013
Organising entity: IMEDEA-UIB
Antoni Jordi Ballester; Maria Zamanillo; Silvia Anglés; Itziar Álvarez; Ana Massanet; Juan Santos-Echeandia; David Sánchez; Jesús M. Arrieta; Antonio Tovar-Sánchez; Gotzon Basterretxea.
- 29** **Title of the work:** Osmium and Platinum Decoupling in the Environment: Evidence from Salt Marsh Sediments (Tagus Estuary, Portugal)
Name of the conference: 12th International Estuarine Biogeochemistry Symposium (IEBS2013)
Date of event: 30/06/2013
End date: 04/07/2013
Organising entity: Plymouth University and PML
City organizing entity: Plymouth, Devon, United Kingdom
Clara Almécija-Pereda; Mukul Sharma; Antonio Cobelo-García; Juan Santos-Echeandia; Miguel Caetano.
- 30** **Title of the work:** Seasonal Patterns of Nutrients and Bioactive Trace Elements in the North Atlantic Upwelling System (NW Iberian Peninsula)
Name of the conference: 12th International Estuarine Biogeochemistry Symposium (IEBS2013)
Date of event: 30/06/2013
End date: 04/07/2013
Organising entity: Plymouth University and PML
City organizing entity: Plymouth, Devon, United Kingdom
Antonio Cobelo-García; Ricardo Prego; Juan Santos-Echeandia; Maria Dolores Doval; Manuel Varela.
- 31** **Title of the work:** Pressões antropogénicas e impactos na zona costeira
Name of the conference: Iniciativa Riscos - Ciclo de Encontros - A Ciência na Prevenção e Mitigação dos Riscos em Portugal
Date of event: 21/03/2013
End date: 21/03/2013
Organising entity: FORUM - Conselhos Científicos dos laboratorios do Estado
City organizing entity: Lisbon, Lisboa, Portugal
Patricia Pereira; Joana Raimundo; Carlos Vale; Juan Santos-Echeandia; Miguel Caetano.



- 32** **Title of the work:** Iron partition in surface waters of a largescale summer bloom south of the Antarctic Polar Front
Name of the conference: ASLO 2013 Aquatic Sciences Meeting
Type of event: Conference **Geographical area:** Non EU International
City of event: New Orleans, United States of America
Date of event: 17/02/2013
End date: 22/02/2013
Organising entity: Association of Limnology and Oceanography
Luis M. Laglera; Juan Santos-Echeandía; Christine Klaas; Dieter Wolf-Gladrow.
- 33** **Title of the work:** Iron sources on phytoplankton growth and species composition of the Antarctic Circumpolar Current under ocean acidification
Name of the conference: ASLO 2013. Aquatic Sciences Meeting
Type of event: Conference
City of event: New Orleans, United States of America
Date of event: 17/02/2013
End date: 22/02/2013
Organising entity: Association of Limnology and Oceanography **Type of entity:** Associations and Groups
Scarlett Trimborn; Clara Hoppe; Tina Brenneis; Louiza Norman; Juan Santos-Echeandía; Luis M. Laglera-Baquer; Christell Hassler.
- 34** **Title of the work:** Sedimentary geochemistry of platinum in intertidal salt marsh sediments of the Tagus River Estuary (Lisbon, Portugal)
Name of the conference: 9th ISEG. International Symposium on Environmental Geochemistry
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Aveiro, Norte, Portugal
Date of event: 15/07/2012
End date: 22/07/2012
Organising entity: University of Aveiro **Type of entity:** University
With external admission assessment committee: Yes
Clara Almécija-Pereda; Antonio Cobelo-García; Juan Santos-Echeandía; Miguel Caetano.
- 35** **Title of the work:** Nutrients and trace elements cycling in a barrier-lagoon complex (Irouro Lagoon, NW Iberian Peninsula)
Name of the conference: 5th Eurolag. Coastal Lagoons in a Changing Environment: Understanding, Evaluating and Responding.
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Aveiro, Norte, Portugal
Date of event: 25/07/2011
End date: 30/07/2011
Organising entity: University of Aveiro **Type of entity:** University
With external admission assessment committee: Yes
Antonio Cobelo-García; Patricia Bernárdez; Daniel E. López-Sánchez; Manuel Leira; Juan Santos-Echeandía; Ricardo Prego.
- 36** **Title of the work:** Dissolved and particulate trace metals in the Finisterre coastal waters. Is it a pristine environment?
Name of the conference: 43rd International Liege Colloquium on Ocean Dynamics Tracers of physical and biogeochemical processes, past changes and ongoing anthropogenic impacts



Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Lieja, Belgium
Date of event: 02/05/2011
End date: 06/05/2011
Organising entity: Université de Liège **Type of entity:** University
With external admission assessment committee: Yes
Ricardo Prego; Juan Santos-Echeandía; Miguel Caetano; Manuel Varela.

37 **Title of the work:** Highly productive coastal systems as important sources of complexed dissolved iron to open ocean waters
Name of the conference: 43rd International Liege Colloquium on Ocean Dynamics Tracers of physical and biogeochemical processes, past changes and ongoing anthropogenic impacts
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Lieja, Belgium
Date of event: 02/05/2011
End date: 06/05/2011
Organising entity: Université de Liege **Type of entity:** University
With external admission assessment committee: Yes
Juan Santos-Echeandía; Luis M. Laglera; Ricardo Prego; Geraldine Sarthou; Belén Domínguez.

38 **Title of the work:** Intechange of dissolved trace metals across sediment-water interfaces in a ria-type ecosystem (Ria of Ortigueira, NW Spain).
Name of the conference: 43rd International Liege Colloquium on Ocean Dynamics Tracers of physical and biogeochemical processes, past changes and ongoing anthropogenic impacts
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Lieja, Belgium
Date of event: 02/05/2011
End date: 06/05/2011
Organising entity: Université de Liège **Type of entity:** University
With external admission assessment committee: Yes
Natalia Ospina-Álvarez; Miguel Caetano; Carlos Vale; Juan Santos-Echeandía; Ricardo Prego.

39 **Title of the work:** Sinking particles in a Western galician Ria (NW Iberian Peninsula): Seasonal labile and total concentrations and fluxes of particulate metals to the sediment and post-depositional transformation
Name of the conference: 43rd International Liege Colloquium on Ocean Dynamics Tracers of physical and biogeochemical processes, past changes and ongoing anthropogenic impacts
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Lieja, Belgium
Date of event: 02/05/2011
End date: 06/05/2011
Organising entity: Université de Liège **Type of entity:** University
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García; Miguel Caetano.

40 **Title of the work:** Trace Metal Biogeochemistry in Coastal Systems
Name of the conference: Ciclos de Conferencias de la Unidad de Geología Marina (UGM, LNEG)
Type of event: Workshop **Geographical area:** National



Type of participation: Participatory - invited/keynote talk
City of event: Lisboa, Lisboa, Portugal
Date of event: 27/04/2010
End date: 27/04/2010
Organising entity: Unidad de Geología Marina (UGM,LNEG)
Juan Santos-Echeandía.

41 Title of the work: Exchange of nutrients, Fe and Mn across sediment-water interface in salt marshes
Name of the conference: XV Seminario Ibérico de Química Marina
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Galicia, Spain
Date of event: 22/02/2010
End date: 24/02/2010
Organising entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
With external admission assessment committee: Yes
Ricardo Prego; Miguel Caetano; Patricia Bernárdez; Juan Santos-Echeandía; Carlos Vale.

42 Title of the work: Sedimentación y transformación postdeposicional de metales en la ría de Vigo (NO Península Ibérica)
Name of the conference: XV Seminario Ibérico de Química Marina
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Galicia, Spain
Date of event: 22/02/2010
End date: 24/02/2010
Organising entity: Instituto de Investigaciones Marinas **Type of entity:** State agency
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García; Ana García-Blanco.

43 Title of the work: The behaviour of dissolved Pt in the North Atlantic Ocean
Name of the conference: Goldschmidt 2009. Challenges to Our Volatile Planet
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
City of event: Davos, Switzerland
Date of event: 21/06/2009
End date: 26/06/2009
Organising entity: Geochemical Society and the European Association of Geochemistry **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Antonio Cobelo-García; Juan Santos-Echeandía.

44 Title of the work: The influence of porewater geochemistry on benthic fluxes of dissolved trace elements
Name of the conference: Goldschmidt 2009. Challenges to Our Volatile Planet
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
City of event: Davos, Switzerland
Date of event: 21/06/2009
End date: 26/06/2009

Organising entity: Geochemical Society and the European Association of Geochemistry

Type of entity: Associations and Groups

With external admission assessment committee: Yes

Juan Santos-Echeandía; Antonio Cobelo-García; Ricardo Prego.

- 45** **Title of the work:** Exchange of trace metals at the Estuary-Ria boundary (NW Iberian Peninsula)
Name of the conference: XIV SEMINARIO IBERICO DE QUÍMICA MARINA
City of event: Cadiz, Andalusia, Spain
Date of event: 22/09/2008
End date: 24/09/2008
Organising entity: CSIC-UCA
Type of entity: State agency
Ricardo Prego; Antonio Cobelo-García; Juan Santos-Echeandía; Maite de Castro; Natalia Ospina-Álvarez.
- 46** **Title of the work:** Metal geochemistry of the sediments and benthic fluxes in a Galician ria (Vigo Ria, NW Iberian Peninsula)
Name of the conference: X international Estuarine Biogeochemistry Symposium
Type of event: Conference
Geographical area: Non EU International
Type of participation: Participatory - oral communication
City of event: Xiamen, China
Date of event: 18/05/2008
End date: 22/05/2008
Organising entity: State Key Laboratory of Marine Environmental Science (Xiamen University)
Type of entity: University Department
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García; G.E. Millward.
- 47** **Title of the work:** Dissolved and particulate lead in the Corcubiión Sound (NW Iberian Peninsula). Comparison with contamination trend in Galician Rias
Name of the conference: XI International Symposium on Oceanography of the Bay of Biscay
Type of event: Conference
Geographical area: European Union
Type of participation: Participatory - oral communication
City of event: San Sebastián, Basque Country, Spain
Date of event: 02/04/2008
End date: 04/04/2008
Organising entity: AZTI Tecnalia
Type of entity: Technological Centre
With external admission assessment committee: Yes
Ricardo Prego; Juan Santos-Echeandía; Ana V. Filgueiras; Manuel Varela; Antonio Cobelo-García.
- 48** **Title of the work:** Annual range of dissolved trace metals in the Vigo Ria and its adjacent coastal seawaters
Name of the conference: IX International symposium on analytical methodology in the environmental field
Type of event: Conference
Geographical area: European Union
Type of participation: Participatory - poster
City of event: Pollensa, Balearic Islands, Spain
Date of event: 03/10/2007
End date: 05/10/2007
Organising entity: University of the Balearic Islands
Type of entity: University
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García.



- 49** **Title of the work:** Metal partition in the fuel-seawater mixing of Mesocosm studies in Vigo Ria. Consequences on the experiments
Name of the conference: VERTIMAR-2007: Symposium on Marine Accidental Oil Spills
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Galicia, Spain
Date of event: 05/06/2007
End date: 08/06/2007
Organising entity: Oficina Técnica de Vertidos Marinos **Type of entity:** Technical Office
With external admission assessment committee: Yes
Ricardo Prego; Juan Santos-Echeandía; F.G. Figueiras.
- 50** **Title of the work:** Effect of natural DOM on Cu and Pb toxicity to *P. lividus* larvae
Name of the conference: 5th International conference on marine pollution and ecotoxicology
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Hong-Kong, Japan
Date of event: 04/06/2007
End date: 06/06/2007
Organising entity: City University of Hong-Kong **Type of entity:** University
City organizing entity: Hong-Kong, China
With external admission assessment committee: Yes
Paula Sánchez-Marín; Juan Santos-Echeandía; J.I. Lorenzo; Mar Nieto-Cid; X.A. Álvarez-Salgado; Ricardo Beiras.
- 51** **Title of the work:** Effect of natural DOM on Cu and Pb toxicity to *P. lividus* larvae
Name of the conference: SETAC Europe 17th anual meeting
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Porto, Norte, Portugal
Date of event: 20/05/2007
End date: 24/05/2007
Organising entity: University of Porto
City organizing entity: Porto, Norte, Portugal
With external admission assessment committee: Yes
Paula Sánchez-Marín; Juan Santos-Echeandía; J.I. Lorenzo; Mar Nieto-Cid; Ricardo Beiras.
- 52** **Title of the work:** Dissolved copper speciation between the marine and freshwater endmembers in the Vigo Ria (NW Spain)
Name of the conference: International Symposium in Marine Sciences
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Valencia, Valencian Community, Spain
Date of event: 28/03/2007
End date: 31/03/2007
Organising entity: Globec-Imber **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Luis M. Laglera; Constant M.G. van den Berg.



- 53** **Title of the work:** Lead exchange between the inner and middle zones of Vigo Ria
Name of the conference: International Symposium in Marine Sciences
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Valencia, Valencian Community, Spain
Date of event: 28/03/2007
End date: 31/03/2007
Organising entity: Globec-Imber **Type of entity:** Associations and Groups
With external admission assessment committee: Yes
Antonio Cobelo-García; Ricardo Prego; Juan Santos-Echeandía; Maite de Castro; Mar García-Pérez.
- 54** **Title of the work:** Dissolved lead in Vigo Ria: Exchanges with San Simón Inlet
Name of the conference: 5th Symposium on the Atlantic Iberian Margin
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Aveiro, Norte, Portugal
Date of event: 02/11/2006
End date: 04/11/2006
Organising entity: University of Aveiro **Type of entity:** University
Mar García-Pérez; Ricardo Prego; Juan Santos-Echeandía; Antonio Cobelo-García; Maite de Castro.
- 55** **Title of the work:** Dissolved copper during the winter estuarine mixing in the Vigo Ria (NW Spain): Behaviour and Speciation
Name of the conference: XIII Seminario Ibérico de Química Marina
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Lisboa, Lisboa, Portugal
Date of event: 27/09/2006
End date: 29/09/2006
Organising entity: INRB/IPIMAR **Type of entity:** R&D Centre
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego.
- 56** **Title of the work:** Temporal variation of trace metal levels in the water column above the Prestige wreckage: the case of
Name of the conference: Tenth International Symposium on Oceanography of the Bay of Biscay
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Galicia, Spain
Date of event: 19/04/2006
End date: 21/04/2006
Organising entity: University of Vigo **Type of entity:** University
With external admission assessment committee: Yes
Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García.
- 57** **Title of the work:** Continental inputs of copper into the Vigo Ria and their dynamics during the mixing with seawater
Name of the conference: CICTA2005: 6º Congreso Ibérico y 3º Iberoamericano de Contaminación y Toxicología Ambiental
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication



City of event: Cádiz, Andalusia, Spain

Date of event: 25/09/2005

End date: 28/09/2005

Organising entity: Universidad de Cádiz

Type of entity: University

With external admission assessment committee: Yes

Juan Santos-Echeandía; Constant M.G. van den Berg; Ricardo Prego.

- 58** **Title of the work:** Metal speciation in surface sediments from the Ria of Vigo
Name of the conference: CICTA2005: 6º Congreso Ibérico y 3º Iberoamericano de Contaminación y Toxicología Ambiental
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Cádiz, Andalusia, Spain
Date of event: 25/09/2005
End date: 28/09/2005
Organising entity: Universidad de Cádiz **Type of entity:** University
With external admission assessment committee: Yes
M.J. Belzunce-Segarra; M.J. Wilson; J. Bacon; Ricardo Prego; Juan Santos-Echeandía.

- 59** **Title of the work:** Inorganic elements in the Prestige fuel-oil spill, could they contaminate the sediments?
Name of the conference: VERTIMAR-2005. Symposium on Marine Accidental Oil Spills
Type of event: Conference **Geographical area:** European Union
Type of participation: 'Participatory - poster
City of event: Vigo, Galicia, Spain
Date of event: 13/07/2005
End date: 16/07/2005
Organising entity: Oficina Técnica de Vertidos Marinos **Type of entity:** Technical Office
With external admission assessment committee: Yes
Ricardo Prego; Antonio Cobelo-García; Juan Santos-Echeandía.

- 60** **Title of the work:** Levels of Ni and V in seawater from areas affected by the Prestige shipwreck one year after the disaster
Name of the conference: VERTIMAR-2005. Symposium on Marine Accidental Oil Spills
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
City of event: Vigo, Galicia, Spain
Date of event: 13/07/2005
End date: 16/07/2005
Organising entity: Oficina Técnica de Vertidos Marinos **Type of entity:** Technical Office
With external admission assessment committee: Yes
Juan Santos-Echeandía; Antonio Cobelo-García; Ricardo Prego.

- 61** **Title of the work:** Copper, nickel and vanadium: direct simultaneous determinations and measurements of their concentration in seawater from areas affected by the Prestige shipwreck
Name of the conference: Oceans, climate and biogeochemistry workshops
Type of event: Seminar
Type of participation: Participatory - invited/keynote talk
City of event: Liverpool, Merseyside, United Kingdom
Date of event: 05/05/2005



End date: 05/05/2005

Organising entity: University of Liverpool

Type of entity: University

Juan Santos-Echeandía; Antonio Cobelo-García; Ricardo Prego.

62 Title of the work: Cobre, níquel y vanadio: determinación simultánea por voltametría y medida de sus concentraciones en áreas costeras afectadas por la contaminación del Prestige.

Name of the conference: XII Seminario Ibérico de Química Marina

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

City of event: A Coruña, Galicia, Spain

Date of event: 26/10/2004

End date: 28/10/2004

Organising entity: Instituto Universitario de Medio Ambiente

Type of entity: University Research Institute

Juan Santos-Echeandía; Antonio Cobelo-García; Ricardo Prego.

63 Title of the work: Copper, Nickel and Vanadium Presence in the Western galician Shelf After the Prestige Catastrophe: Is There a Seawater Contamination by These Metals?

Name of the conference: Euroanalysis XIII. European Conference on Analytical Chemistry. The Role of Analytical Chemistry in the protection of the Citizens

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - poster

City of event: Salamanca, Castile and León, Spain

Date of event: 05/09/2004

End date: 10/09/2004

Organising entity: SOCIEDAD ESPAÑOLA DE QUIMICA ANALITICA

With external admission assessment committee: Yes

Juan Santos-Echeandía; Ricardo Prego; Antonio Cobelo-García.

Works submitted to national or international seminars, workshops and/or courses

1 Title of the work: Calblanque Parque Regional ... ¿de plásticos?

Name of the event: Jornada concienciación medioambiental

Corresponding author: Yes

City of event: Los Belones, Cartagena, Region of Murcia, Spain

Date of event: 30/06/2018

Organising entity: AWICA

Juan Santos Echeandía; José R. Rivera Hernández.

2 Title of the work: EMERGING CONTAMINANTS: Technology Critical Elements (TCEs)

Name of the event: Working Group on Marine Sediments in Relation to Pollution (WGMS)

Corresponding author: Yes

City of event: San Pedro del Pinatar, Region of Murcia, Spain

Date of event: 05/03/2018

End date: 09/03/2018

Organising entity: ICES

Juan Santos Echeandía; Antonio Cobelo García; Clara Almécija Pereda; Patricia Neira Del Río.



- 3** **Title of the work:** El Grupo de Contaminación Marina y Efectos Biológicos del IEO
Name of the event: Taller de Divulgación Oceanográfica
Corresponding author: Yes
City of event: San Pedro del Pinatar, Region of Murcia, Spain
Date of event: 03/03/2017
Organising entity: IES Dos Mares
Juan Santos Echeandía; Juan A. Campillo; Víctor M. León León; Marina Albertosa; Concepción Martínez.
- 4** **Title of the work:** Dos décadas de seguimiento de la contaminación por metales pesados en el Mar Mediterráneo mediante el uso de mejillón
Name of the event: Ciclo de Conferencias: Presente y Futuro de las Ciencias Marinas y PEsqueras
City of event: La Paz, Mexico
Date of event: 14/11/2016
Organising entity: CICIMAR/IPN

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Adjunto del área ANEP Ciencias de la Tierra
Affiliation entity: Agencia Nacional de Evaluación y Prospectiva
Type of entity: Ministerio de Economía y Competitividad
Start-End date: 2017 - 2018
- 2** **Committee title:** Comité Evaluador Contratos Ramón y Cajal 2016
Affiliation entity: Agencia Nacional de Evaluación y Prospectiva
Type of entity: Ministerio de Economía y Competitividad
Start-End date: 2017 - 2017
- 3** **Committee title:** Comité Evaluador Contratos Juan de la Cierva 2015
Affiliation entity: Agencia Nacional de Evaluación y Prospectiva
Type of entity: Ministerio de Economía y Competitividad
Start-End date: 2016 - 2016

Organization of R&D activities

- 1** **Title of the activity:** Trace Elements: Proxies, Pollutants and Micronutrients
Type of activity: Curso de Formación CSIC
Geographical area: National
City of event: Vigo, Galicia, Spain
Convening entity: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
City convening entity: Vigo, Galicia, Spain
Type of participation: Organiser
Nº assistants: 12
Start-End date: 03/03/2014 - 07/03/2014
Duration: 5 days
- 2** **Title of the activity:** Fundamentals of voltammetry and application to trace metal analysis in different water bodies
Type of activity: Curso de Formación CSIC
Geographical area: National



City of event: Vigo, Galicia, Spain

Convening entity: Consejo Superior de Investigaciones Científicas

City convening entity: Vigo, Galicia, Spain

Type of participation: Organiser

Nº assistants: 12

Start-End date: 01/06/2009 - 29/06/2009

Type of entity: State agency

Duration: 1 month

R&D management

- 1 Name of the activity:** Exper-i-Ciencia 2014-2015
Performed tasks: Scientific Instructor
Entity: Consejo Superior de Investigaciones Científicas
Start date: 27/10/2014
Type of entity: State agency
- 2 Name of the activity:** Exper-i-Ciencia 2013-2014
Performed tasks: Scientific Instructor
Entity: Consejo Superior de Investigaciones Científicas
Start date: 03/04/2014
Type of entity: State agency
- 3 Name of the activity:** Obradoiros de Ciencia Mariña
Performed tasks: Scientific Instructor
Entity: Consejo Superior de Investigaciones Científicas
Start date: 07/06/2013
Type of entity: State agency
- 4 Name of the activity:** Exper-i-Ciencia 2012-2013
Performed tasks: Scientific Instructor
Entity: Consejo Superior de Investigaciones Científicas
Start date: 08/04/2013
Type of entity: State agency
- 5 Name of the activity:** Science Week 2008
Type of management: Management of organised events
Performed tasks: Scientific Instructor
Entity: Marine Research Institute (IIM-CSIC)
Start date: 10/11/2008
Type of entity: State agency
Duration: 5 days
- 6 Name of the activity:** Participation in the Intercalibration Experiment of Geotrases
Type of management: Management of R&D&I actions and projects
Performed tasks: Researcher
Entity: Old Dominion University (USA)
Start date: 08/06/2008
Duration: 20 days
- 7 Name of the activity:** Science in the Harbour 2007
Type of management: Management of organised events
Performed tasks: Scientific Instructor
Entity: Marine Research Institute (IIM-CSIC)
Type of entity: State agency

**Start date:** 15/09/2007**Duration:** 2 months - 20 days

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: International Journal of Environmental Research and Public Health
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2018
Frequency of the activity: 1
- 2** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: Chemosphere
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2017
Frequency of the activity: 1
- 3** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: Revista Internacional de Contaminación Ambiental
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2017
Frequency of the activity: 1
- 4** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: Science of the Total Environment
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2017
Frequency of the activity: 1
- 5** **Performed tasks:** PhD Thesis Reviewer
Entity where activity was carried out: Procesos Biogeoquímicos en un Ecosistema marino Costero de Intercambio Restringido. El Puerto de Mahón
Type of activity: Participation in panels
Access system: By public merit
Start date: 2017
Frequency of the activity: 1
Geographical area: National
- 6** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: Environmental Science and Pollution Research
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2016
Frequency of the activity: 1
- 7** **Performed tasks:** Paper Reviewer
Entity where activity was carried out: Frontiers
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Frequency of the activity: 1



Start date: 2016

8 Performed tasks: Paper Reviewer

Entity where activity was carried out: Journal of Marine Science and Engineering

Type of activity: Review of articles in scientific or technological journals **Frequency of the activity:** 1

Geographical area: Non EU International

Start date: 2016

9 Performed tasks: Paper Reviewer

Entity where activity was carried out: Science of the Total Environment

Type of activity: Review of articles in scientific or technological journals **Frequency of the activity:** 1

Geographical area: Non EU International

Start date: 2016

10 Name of the activity: Convocatorias 2016 Proyectos EXCELENCIA y Proyectos RETOS Dirección General de Investigación Científica y Técnica Subdirección General de Proyectos de Investigación

Performed tasks: Project Reviewer

Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Ministerio de Economía y Competitividad

Type of activity: Project revision **Frequency of the activity:** 1

Access system: Designated by the corresponding party without competition **Geographical area:** National

Start date: 2016

11 Name of the activity: Subprograma estatal de infraestructuras científicas y técnicas y equipamiento

Performed tasks: Project Reviewer

Entity where activity was carried out: Agencia Nacional de Evaluación y Prospectiva **Type of entity:** Ministerio de Economía y Competitividad

Type of activity: Project revision **Frequency of the activity:** 1

Access system: Designated by the corresponding party without competition **Geographical area:** National

Start date: 2016

12 Performed tasks: Paper Reviewer

Entity where activity was carried out: Arabian Journal of Geosciences

Type of activity: Review of articles in scientific or technological journals **Frequency of the activity:** 1

Geographical area: Non EU International

Start date: 2015

13 Performed tasks: Paper Reviewer

Entity where activity was carried out: Environmental Science and Pollution Research

Type of activity: Review of articles in scientific or technological journals **Frequency of the activity:** 1

Geographical area: Non EU International

Start date: 2015



- 14 Performed tasks:** Paper Reviewer
Entity where activity was carried out: International Journal of Oceanography
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2015
- 15 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Marine Pollution Bulletin
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2015
- 16 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Scientia Marina
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2015
- 17 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Environmental Monitoring and Assessment
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2014
- 18 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Chemosphere
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2013
- 19 Performed tasks:** Paper Reviewer
Entity where activity was carried out: PLOS ONE
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2013
- 20 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Science of the Total Environment
Type of activity: Review of articles in scientific or technological journals
Frequency of the activity: 1
Geographical area: Non EU International
Start date: 2013
- 21 Performed tasks:** Project Reviewer
Entity where activity was carried out: Agencia Nacional de Promoción Científica y Tecnológica de Argentina



Type of activity: Project revision

Access system: Designated by the corresponding party without competition

Start date: 2013

Frequency of the activity: 1

Geographical area: Non EU International

22 Performed tasks: Paper Reviewer

Entity where activity was carried out: International Journal of Environmental Analytical Chemistry

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Access system: By public merit

Geographical area: Non EU International

Start date: 2012

23 Performed tasks: Paper Reviewer

Entity where activity was carried out: Deep Sea Research II

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Geographical area: Non EU International

Start date: 2012

24 Performed tasks: Paper Reviewer

Entity where activity was carried out: Environmental Science and Technology

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Geographical area: Non EU International

Start date: 2012

25 Performed tasks: Paper Reviewer

Entity where activity was carried out: Marine Environmental Research

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 2

Geographical area: Non EU International

Start date: 2012

26 Performed tasks: Paper Reviewer

Entity where activity was carried out: Journal of Hazardous Materials

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Geographical area: Non EU International

Start date: 2012

27 Performed tasks: Paper Reviewer

Entity where activity was carried out: Annals of the Brazilian Academy of Sciences

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Geographical area: Non EU International

Start date: 2011

28 Performed tasks: Paper Reviewer

Entity where activity was carried out: International Journal of Environmental Analytical Chemistry

Type of activity: Review of articles in scientific or technological journals

Frequency of the activity: 1

Geographical area: Non EU International



Start date: 2011

- 29 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Talanta
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2011
Frequency of the activity: 1
- 30 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Environmental Pollution
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2010
Frequency of the activity: 1
- 31 Performed tasks:** Paper Reviewer
Entity where activity was carried out: Estuarine Coastal and Shelf Science
Type of activity: Review of articles in scientific or technological journals
Geographical area: Non EU International
Start date: 2008
Frequency of the activity: 2

Other achievements

Stays in public or private R&D centres

- 1 Entity:** University of Aveiro
Faculty, institute or centre: Faculty of Chemistry
City of entity: Aveiro, Portugal
Start-End date: 15/09/2014 - 15/12/2014
Goals of the stay: Post-doctoral
Provable tasks: Evaluate the influence of seagull depositions over trace metal toxicity in coastal systems
Type of entity: University
Duration: 3 months
- 2 Entity:** University of Aveiro
Faculty, institute or centre: Faculty of Chemistry
City of entity: Aveiro, Portugal
Start-End date: 16/09/2013 - 16/12/2013
Goals of the stay: Post-doctoral
Provable tasks: Evaluate the importance of organic matter in regulating the biogeochemical cycle of iron in coastal systems
Type of entity: University
Duration: 3 months
- 3 Entity:** Alfred Wegener Institute
City of entity: Bremerhaven, Bremen, Germany
Start-End date: 07/01/2012 - 12/03/2012
Goals of the stay: Post-doctoral
Provable tasks: Analysis of dissolved iron concentrations in the Southern Ocean on board the Polarstern research vessel
Type of entity: R&D Centre
Duration: 2 months - 5 days



- 4** **Entity:** National Institute of Biological Resources (INRB/IPIMAR)
City of entity: Lisboa, Lisboa, Portugal
Start-End date: 01/01/2010 - 31/12/2011 **Duration:** 2 years
Goals of the stay: Post-doctoral
Provable tasks: Influence of the organic matter coming from salt-marshes on the biogeochemical cycle of trace metals in estuarine waters
- 5** **Entity:** University of the Balearic Islands **Type of entity:** University
Faculty, institute or centre: Analytical Chemistry
Start-End date: 31/10/2011 - 20/11/2011 **Duration:** 21 days
Goals of the stay: Guest
Provable tasks: Set-up of a flow injection system with chemiluminescence detection for iron measurements in oceanic waters
- 6** **Entity:** Laboratoire des Sciences de l'Environnement Marin (UBO-IUEM) **Type of entity:** University Centres and Structures and Associated Bodies
City of entity: Brest, Bretagne, France
Start-End date: 05/10/2009 - 27/11/2009 **Duration:** 1 month - 23 days
Goals of the stay: Post-doctoral
Provable tasks: Iron measurements in ocean waters by Flow Injection with chemiluminescence detection (FIA-CL)
- 7** **Entity:** National Institute of Biological Resources (INRB/IPIMAR)
City of entity: Lisboa, Lisboa, Portugal
Start-End date: 04/05/2009 - 02/06/2009 **Duration:** 28 days
Goals of the stay: Doctorate
Provable tasks: Diffusive and advective fluxes of trace metals in salt-marsh systems
- 8** **Entity:** National Institute of Biological Resources (INRB/IPIMAR)
City of entity: Lisboa, Lisboa, Portugal
Start-End date: 03/03/2008 - 30/05/2008 **Duration:** 2 months - 27 days
Goals of the stay: Doctorate
Provable tasks: Biogeochemistry of trace metals in salt-marsh systems
- 9** **Entity:** University of Plymouth **Type of entity:** University
Faculty, institute or centre: Department of Environmental Sciences
City of entity: Plymouth, Devon, United Kingdom
Start-End date: 03/02/2007 - 31/03/2007 **Duration:** 1 month - 29 days
Goals of the stay: Doctorate
Provable tasks: Benthic fluxes of dissolved metals in estuarine systems
- 10** **Entity:** University of Liverpool
Faculty, institute or centre: Department of Earth and Ocean Sciences
City of entity: Liverpool, Merseyside, United Kingdom
Start-End date: 24/01/2005 - 23/06/2005 **Duration:** 5 months
Goals of the stay: Doctorate
Provable tasks: Copper organic speciation in estuarine and continental waters



Obtained grants and scholarships

- 1** **Name of the grant:** JAE-Doc Contract
City awarding entity: Vigo, Galicia, Spain
Aims: Post-doctoral
Awarding entity: Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Amount of the grant: 54.000 €
Conferral date: 01/01/2012 **Duration:** 3 years
End date: 31/12/2014
Entity where activity was carried out: Marine Research Institute (IIM-CSIC)
- 2** **Name of the grant:** Santander Universidades Fellowship
City awarding entity: Aveiro, Portugal
Aims: Post-doctoral
Awarding entity: BANCO SANTANDER, S.A.
Amount of the grant: 5.000 €
Conferral date: 15/09/2014 **Duration:** 3 months
End date: 15/12/2014
Entity where activity was carried out: University of Aveiro
Faculty, institute or centre: Faculty of Chemistry
- 3** **Name of the grant:** Santander Universidades Fellowship
City awarding entity: Aveiro, Portugal
Aims: Post-doctoral
Awarding entity: BANCO SANTANDER, S.A.
Amount of the grant: 5.000 €
Conferral date: 16/09/2013 **Duration:** 3 months
End date: 16/12/2013
Entity where activity was carried out: University of Aveiro
Faculty, institute or centre: Faculty of Chemistry
- 4** **Name of the grant:** Mobility fellowship
City awarding entity: Bremerhaven, Germany
Aims: Post-doctoral
Awarding entity: Campus do Mar
Amount of the grant: 4.600 €
Conferral date: 07/01/2012 **Duration:** 2 months - 5 days
End date: 12/03/2012
Entity where activity was carried out: Alfred Wegener Institute (Alemania)
- 5** **Name of the grant:** Postdoctoral Fellowship
City awarding entity: Lisboa, Lisboa, Portugal
Aims: Post-doctoral
Awarding entity: Basque Government **Type of entity:** Other
Amount of the grant: 52.764 €
Conferral date: 01/01/2010 **Duration:** 2 years
End date: 31/12/2011
Entity where activity was carried out: National Institute of Biological Resources (INRB/IPIMAR)



- 6** **Name of the grant:** Short Stay for Invited Early Career Scientist
City awarding entity: Palma, Balearic Islands, Spain
Aims: Post-doctoral
Awarding entity: University of the Balearic Islands **Type of entity:** University
Amount of the grant: 2.126,06 €
Conferral date: 01/11/2011 **Duration:** 23 days
End date: 22/11/2011
- 7** **Name of the grant:** Juan de la Cierva Contract
Aims: Post-doctoral
Awarding entity: Ministerio de Ciencia e Innovación. **Type of entity:** Others Investigación
Conferral date: 30/06/2011
End date: 30/06/2011
- 8** **Name of the grant:** Short Term Scientific Mission
City awarding entity: Brest, Bretagne, France
Aims: Post-doctoral
Awarding entity: Scientific Committee of Ocean Research (SCOR, UE)
Amount of the grant: 2.500 €
Conferral date: 05/10/2009 **Duration:** 1 month - 23 days
End date: 28/11/2009
Entity where activity was carried out: Université Bretagne Occidentale (UBO)
- 9** **Name of the grant:** Predoctoral Fellowship
City awarding entity: Vigo, Galicia, Spain
Aims: Pre-doctoral
Awarding entity: Basque Government **Type of entity:** Other
Amount of the grant: 69.161,49 €
Conferral date: 01/10/2005 **Duration:** 4 years
End date: 30/09/2009
Entity where activity was carried out: Marine Research Institute (IIM-CSIC)
- 10** **Name of the grant:** Congress Assistance Grant
City awarding entity: Davos, Switzerland
Awarding entity: XUNTA DE GALICIA
Amount of the grant: 1.100 €
Conferral date: 21/06/2009 **Duration:** 6 days
End date: 26/06/2009
Entity where activity was carried out: GOLDSCHMIDT 2009- OUR VOLATILE PLANET
- 11** **Name of the grant:** Research Centre Visiting Grant
City awarding entity: Lisbon, Lisboa, Portugal
Aims: Pre-doctoral
Awarding entity: Basque Government **Type of entity:** Other
Amount of the grant: 1.100 €
Conferral date: 04/05/2009 **Duration:** 28 days
End date: 01/06/2009
Entity where activity was carried out: INRB/IPIMAR



- 12** **Name of the grant:** Research Centre Visiting Grant
City awarding entity: Lisboa, Portugal
Aims: Pre-doctoral
Awarding entity: Basque Government **Type of entity:** Other
Amount of the grant: 2.652 €
Conferral date: 03/03/2008 **Duration:** 2 months - 28 days
End date: 30/05/2008
Entity where activity was carried out: INRB/IPIMAR
- 13** **Name of the grant:** Congress Assistance Grant
City awarding entity: Xiamen, China
Aims: Pre-doctoral
Awarding entity: XUNTA DE GALICIA
Amount of the grant: 1.100 €
Conferral date: 18/05/2008 **Duration:** 5 days
End date: 22/05/2008
Entity where activity was carried out: 10th International Estuarine Biogeochemistry Symposium
- 14** **Name of the grant:** Congress Assistance Grant
City awarding entity: Pollença, Balearic Islands, Spain
Aims: Pre-doctoral
Awarding entity: XUNTA DE GALICIA
Amount of the grant: 360 €
Conferral date: 01/10/2007 **Duration:** 5 days
End date: 05/10/2007
Entity where activity was carried out: IX International Symposium on Analytical Methodology in the Environmental Field
- 15** **Name of the grant:** Research Centre Visiting Grant
City awarding entity: Plymouth, Devon, United Kingdom
Aims: Pre-doctoral
Awarding entity: Basque Government **Type of entity:** Other
Amount of the grant: 1.850 €
Conferral date: 03/02/2007 **Duration:** 1 month - 28 days
End date: 31/03/2007
Entity where activity was carried out: University of Plymouth
- 16** **Name of the grant:** Third Cycle Fellowship
City awarding entity: Vigo, Galicia, Spain
Awarding entity: University of Vigo **Type of entity:** University
Amount of the grant: 4.360 €
Conferral date: 01/01/2005 **Duration:** 9 months
End date: 30/09/2005
Entity where activity was carried out: Universidade de Vigo
Faculty, institute or centre: Facultad de Química
- 17** **Name of the grant:** Early Stage Fellowship
City awarding entity: Liverpool, Merseyside, United Kingdom
Aims: Pre-doctoral
Awarding entity: Marie Curie Program, UE
Amount of the grant: 6.000 €



Conferral date: 24/01/2005 **Duration:** 5 months
End date: 23/06/2005
Entity where activity was carried out: University of Liverpool
Faculty, institute or centre: Department of Earth and Ocean Sciences

18 Name of the grant: Congress Assitance Grant
City awarding entity: Salamanca, Castile and León, Spain
Awarding entity: XUNTA DE GALICIA
Amount of the grant: 240 €
Conferral date: 05/09/2004 **Duration:** 6 days
End date: 10/09/2004
Entity where activity was carried out: EUOANALYSIS XIII-European Conference on Analytical Chemistry

19 Name of the grant: Collaboration Fellowship
City awarding entity: Vigo, Galicia, Spain
Awarding entity: University of Vigo **Type of entity:** University
Amount of the grant: 2.104 €
Conferral date: 01/10/2002 **Duration:** 9 months
End date: 30/06/2003
Entity where activity was carried out: Universidade de Vigo
Faculty, institute or centre: Facultad de Ciencias del Mar

20 Name of the grant: Erasmus Fellowship
City awarding entity: Venezia, Veneto, Italy
Awarding entity: Socrates/Erasmus Program, EU
Conferral date: 01/10/2001 **Duration:** 6 months
End date: 31/03/2002
Entity where activity was carried out: Università Ca' Foscari di Venezia

21 Name of the grant: Postdoctoral Fellowship
City awarding entity: Lisboa, Lisboa, Portugal
Aims: Post-doctoral
Awarding entity: Fundação para a Ciencia e Tecnologia
Conferral date: 01/01/2010
Entity where activity was carried out: Instituto Nacional de los Recursos Biologicos
Faculty, institute or centre: The candidate did refuse it because of incompatibilities with other contract

Other types of collaboration with researchers or technologists

1 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Juan Bellas
Description of the collaboration: Publications and projects
Participating entity/entities:
Instituto Español de Oceanografía **Type of entity:** Public Research Body
City participating entity: Vigo, Galicia, Spain
Start date: 2015



- 2** **Type of relationship:** Confirmed publications
Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Victoria Besada
Description of the collaboration: Publications and projects
Participating entity/entities:
Instituto Español de Oceanografía **Type of entity:** Public Research Body
City participating entity: Vigo, Galicia, Spain
Start date: 2015
- 3** **Type of relationship:** Networks without joint project
Name principal investigator (PI, Co-PI....): Jordi García-Orellana; Juan Santos-Echeandía
Description of the collaboration: Congress Presentations
Participating entity/entities:
Universitat Autònoma de Barcelona **Type of entity:** University
City participating entity: Cerdanyola del Vallès, Catalonia, Spain
Start date: 2014
- 4** **Type of relationship:** Co-ordinated projects
Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Rafael Cervantes-Duarte
Description of the collaboration: Project and congress presentation
Participating entity/entities:
CICIMAR-IPN **Type of entity:** R&D Centre
City participating entity: La Paz, Mexico
Start date: 2013
- 5** **Type of relationship:** Joint project networks
Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Juan J.R. Herrera
Description of the collaboration: Project and congress presentation
Participating entity/entities:
Instituto de Investigaciones Marinas **Type of entity:** State agency
City participating entity: Vigo, Galicia, Spain
Start date: 2013
- 6** **Type of relationship:** Networks without joint project
Name principal investigator (PI, Co-PI....): Armando Da Costa Duarte; Juan Santos-Echeandía
Description of the collaboration: Short stay and project
Participating entity/entities:
University of Aveiro **Type of entity:** University
City participating entity: Aveiro, Portugal
Start date: 2013
- 7** **Type of relationship:** Joint project networks
Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Antonio Tovar-Sanchez; Antoni Jordi-Ballester; Gotzon Basterretxea; Jesus M. Arrieta
Description of the collaboration: Project
Participating entity/entities:
Institut Mediterrani d'Estudis Avançats **Type of entity:** Public Research Body
City participating entity: Esporles, Balearic Islands, Spain
Start date: 2012



8 Type of relationship: Joint project networks

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandia; Antonio Tovar-Sanchez

Description of the collaboration: Project and R&D&I activities

Participating entity/entities:

Instituto de Ciencias Marinas de Andalucía

Type of entity: State agency

City participating entity: Puerto Real, Andalusia, Spain

Start date: 2012

9 Type of relationship: Networks without joint project

Description of the collaboration: Participation in the International Antarctic Sampling Cruise - Eddy Pump

Participating entity/entities:

UNIVERSITY OF HAMBURG

GHENT UNIVERSITY

Type of entity: University

City participating entity: Belgium

Aarhus University

Type of entity: University

City participating entity: Aarhus, Denmark

Hospital Universitari de Bellvitge

Type of entity: Healthcare Institutions

City participating entity: Canada

Alfred Wegener Institute

Type of entity: R&D Centre

City participating entity: Bremerhaven, Bremen, Germany

CAWCR/UTS

City participating entity: Australia

UTS

City participating entity: Australia

IRSNB

City participating entity: Belgium

LEET-UACH

City participating entity: Chile

LOP

City participating entity: France

SHOM

City participating entity: France

UBO

City participating entity: France

DWD

City participating entity: Germany

FMK

City participating entity: Germany

IFM-GEOMAR

City participating entity: Germany

ISW WASSERMERSSTECH

City participating entity: Germany



MARUM

City participating entity: Germany

OPTIMARE

City participating entity: Germany

UNIVERSITY BOCHUM

City participating entity: Germany

ZSM

City participating entity: Germany

NIOZ

City participating entity: Holland

UAB/ICTA

City participating entity: Spain

DGE

City participating entity: Switzerland

SoES

City participating entity: United Kingdom

Start date: 2012

Duration: 2 months - 5 days

10 Type of relationship: Networks without joint project

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandia; Dieter Wolf-Gladrow

Description of the collaboration: Sampling cruises and congress presentations

Participating entity/entities:

Alfred Wegener Institute

Type of entity: R&D Centre

City participating entity: Bremerhaven, Germany

Start date: 2012

11 Type of relationship: Confirmed publications

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandia; Luis M. Laglera-Baquer

Description of the collaboration: Publications and projects

Participating entity/entities:

Universidad de las Islas Baleares

Type of entity: University

City participating entity: Palma de Mallorca, Balearic Islands, Spain

Start date: 2011

12 Type of relationship: Confirmed publications

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Ricardo Beiras

Description of the collaboration: Publications

Participating entity/entities:

Universidade de Vigo

Type of entity: University

City participating entity: Vigo, Galicia, Spain

Start date: 2010

13 Type of relationship: Confirmed publications

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Xose Antón Álvarez-Salgado

Description of the collaboration: Publications

Participating entity/entities:



Instituto de Investigaciones Marinas
City participating entity: Vigo, Galicia, Spain

Type of entity: State agency

Start date: 2010

14 Type of relationship: Networks without joint project

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Geraldine Sarthou

Description of the collaboration: Congress Presentation and Short Stay

Participating entity/entities:

University of Western Brittany

Type of entity: University

City participating entity: Brest, Bretagne, France

Start date: 2009

15 Type of relationship: Confirmed publications

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; M.J. Belzunce-Segarra

Description of the collaboration: Publications

Participating entity/entities:

Azti Tecnalia

Type of entity: Technological Centre

City participating entity: Pasaia, Basque Country, Spain

Start date: 2008

16 Type of relationship: Confirmed publications

Name principal investigator (PI, Co-PI....): Juan Santos-Echeandía; Miguel Caetano; Carlos Vale

Description of the collaboration: Publications and Projects

Participating entity/entities:

INRB/IPIMAR

Type of entity: R&D Centre

City participating entity: Lisbon, Lisboa, Portugal

Start date: 2008

17 Type of relationship: Networks without joint project

Description of the collaboration: Participation in the International Calibration Cruise-GEOTRACES

Participating entity/entities:

University of California, Santa Cruz

University of Victoria

Type of entity: University

City participating entity: Canada

University of Kyoto

Type of entity: University

City participating entity: Japan

University of Tokyo, ORL

Type of entity: University

City participating entity: Japan

Florida State University

Type of entity: University

City participating entity: United States of America

Rutgers University

Type of entity: University

City participating entity: United States of America

University of Connecticut

Type of entity: University

City participating entity: United States of America

University of Houston

Type of entity: University

City participating entity: United States of America



Old Dominion University **Type of entity:** University
City participating entity: Norfolk, United States of America

Massachusetts Institute of Technology **Type of entity:** Technological Centre
City participating entity: United States of America

Woods Hole Oceanographic Institution **Type of entity:** R&D Centre
City participating entity: United States of America

Start date: 2008 **Duration:** 20 days

18 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI...): Juan Santos-Echeandía; Geoff.E. Millward
Description of the collaboration: Publications
Participating entity/entities:
University of Plymouth **Type of entity:** University
City participating entity: Plymouth, Devon, United Kingdom
Start date: 2007

19 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI...): Juan Santos-Echeandía; Judith Marmolejo Rodríguez
Description of the collaboration: Publications
Participating entity/entities:
CICIMAR-IPN **Type of entity:** R&D Centre
City participating entity: La Paz, Mexico
Start date: 2006

20 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI...): Juan Santos-Echeandía; Antonio Cobelo
Description of the collaboration: Publication, Project and congress presentation
Participating entity/entities:
Instituto de Investigaciones Marinas **Type of entity:** State agency
City participating entity: Vigo, Galicia, Spain
Start date: 2005

21 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI...): Juan Santos-Echeandía; Constant M.G. van den Berg
Description of the collaboration: Publications
Participating entity/entities:
University of Liverpool **Type of entity:** University
City participating entity: Liverpool, Merseyside, United Kingdom
Start date: 2005

22 Type of relationship: Confirmed publications
Name principal investigator (PI, Co-PI...): Juan Santos-Echeandía; Oscar Nieto
Description of the collaboration: Publications
Participating entity/entities:
Universidade de Vigo **Type of entity:** University
City participating entity: Vigo, Galicia, Spain
Start date: 2005

**23 Type of relationship:** Confirmed publications**Name principal investigator (PI, Co-PI...):** Juan Santos-Echeandía; Ricardo Prego**Description of the collaboration:** publication, Project and congress presentation**Participating entity/entities:**

Instituto de Investigaciones Marinas

Type of entity: State agency**City participating entity:** Vigo, Galicia, Spain**Start date:** 2005**24 Type of relationship:** Confirmed publications**Name principal investigator (PI, Co-PI...):** Juan Santos-Echeandía; Manuel Varela**Description of the collaboration:** Publications and projects**Participating entity/entities:**

Instituto Español de Oceanografía

Type of entity: Public Research Body**City participating entity:** Vigo, Galicia, Spain**Start date:** 2004**Prizes, mentions and distinctions****1 Description:** Best oral presentation of the congress**Awarding entity:** Scientific Comittée on Antarctic Research**City awarding entity:** Cambridge, United Kingdom**Conferral date:** 30/08/2016**Recognition linked:** Title of the presentation: "The role of mixing and silicate in regulating phytoplankton community structure in the iron-limited Antarctic Polar Front"**2 Description:** Best oral presentation of the congress**Awarding entity:** University of Aveiro**Type of entity:** University**City awarding entity:** Aveiro, Portugal**Conferral date:** 22/07/2012**Recognition linked:** Title of the presentation: "Sedimentary geochemistry of platinum in intertidal salt marsh sediments of the Tagus River Estuary (Lisbon, Portugal)"**3 Description:** Extraordinary Doctorate Award**Awarding entity:** University of Vigo**Type of entity:** University**City awarding entity:** Vigo, Galicia, Spain**Conferral date:** 31/01/2011