



Javier Arístegui Ruiz

Date of document: 03/03/2013

v 1.3.0

dcff989a8a51fa2926b861f58cfdaae3

Este fichero electrónico (PDF) contiene incrustada la tecnología CVN (CVN-XML). La tecnología CVN de este fichero permite exportar e importar los datos curriculares desde y hacia cualquier base de datos compatible. Listado de Bases de Datos adaptadas disponible en <http://cvn.fecyt.es/>

**Javier Arístegui Ruiz**

Surname(s): **Arístegui Ruiz**
 Name: **Javier**
 Spanish ID number: **51871751N**
 Date of birth: **05/09/1956**
 Gender: **Male**
 Land line phone: **(34) 928452906**
 Fax: **(34) 928454490**
 Email address: **jaristegui@dbio.ulpgc.es**

Current professional situation only if working (not if unemployed)

Name of the entity: Universidad de las Palmas de Gran Canaria
Department, Service,...: Instituto de Oceanografía y Cambio Global
Category / Title of position or responsibility: **Educational management:** Yes
 Catedrático de Universidad
City of job: 35017 Las Palmas de Gran Canaria, Spain
Phone: (34) 928452906 **Fax:** (34) 928454490 **Email address:** jaristegui@dbio.ulpgc.es
Start date: 2010
Modality of the contract: Civil servant **Type of dedication:** Full time
Main specialisation (UNESCO code): 251001 - Biological oceanography
Type of management activity: University

Positions held before current job

	Name of the entity	Category / position or responsibility	Start date
1	Universidad de las Palmas de Gran Canaria	Secretario Instituto Oceanografía y Cambio Global	2012
2	Universidad de las Palmas de Gran Canaria	Director Instituto Oceanografía y Cambio Global	2011
3	Universidad de las Palmas de Gran Canaria	Profesor Titular Numerario	1988
4	Universidad de las Palmas de Gran Canaria	Secretario Facultad de Ciencias del Mar	1998
5	Universidad de las Palmas de Gran Canaria	Profesor Titular Interino	1985
6	Universidad de las Palmas de Gran Canaria	Profesor Colaborador	1984
7	Universidad de La Laguna	Becario Junta de Canarias	1981

1 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Secretario Instituto Oceanografía y Cambio Global



Start date: 2012
Date of finalisation: 2015

2 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Director Instituto Oceanografía y Cambio Global
Start date: 2011
Date of finalisation: 2012

3 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Profesor Titular Numerario
Start date: 1988
Date of finalisation: 2010

4 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Secretario Facultad de Ciencias del Mar
Start date: 1998
Date of finalisation: 2002

5 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Profesor Titular Interino
Start date: 1985
Date of finalisation: 1988

6 **Name of the entity:** Universidad de las Palmas de Gran Canaria **Type of body:** University
Category / position or responsibility: Profesor Colaborador
Start date: 1984
Date of finalisation: 1985

7 **Name of the entity:** Universidad de La Laguna **Type of body:** University
Category / position or responsibility: Becario Junta de Canarias
Start date: 1981
Date of finalisation: 1984
Modality of the contract: Grant-assisted student (pre or post-doctoral, others)
Type of management activity: University



Training received

University education

Diplomas, degrees and engineering degrees

- 1 Official University Qualification:** Higher degree
Name of qualification: Licenciado con Grado en Ciencias Biológicas (Tesina)
Entity issuing the qualification: Universidad de La Laguna y M.E.C. **Type of body:** University
Date of qualification: 03/1983
Average marks: Excellent
- 2 Official University Qualification:** Higher degree
Name of qualification: Licenciado en Ciencias Biológicas
Entity issuing the qualification: Universidad de La Laguna y M.E.C. **Type of body:** University
Date of qualification: 06/1979
Average marks: Good

Doctorates

Doctorate: Doctor en Ciencias Biológicas
University issuing the title: Universidad de La Laguna y M.E.C. **Type of body:** University
Date of qualification: 09/2004
Thesis title: Briozoos Quilostomados (Ectoprocta Cheilostomata) de Canarias
Director of thesis: Juan José Bacallado
Mark : Sobresaliente cum laude

Language skills

Language	Speech	Reading	Writing
English	Good	Good	Good
French		Sufficient	



Teaching experience

Directing of doctoral theses or final projects

- 1 Title of: DT, ECP, ASD:** "Plankton community variability at the submesoscale: coupled physical-biological processes and biogeochemical modeling" (Año 2)
Type of project: Doctoral thesis
Co-director of thesis: Evan Mason
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Yeray Santana Falcón
Date of reading: 2014
- 2 Title of: DT, ECP, ASD:** "Magnitude and controls of N₂ fixation in the subtropical Northeast Atlantic"
Type of project: Doctoral thesis
Co-director of thesis: Nona Sheila Agawin
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Mar Benavides Gorostegui
Date of reading: 02/2013
European Doctorate: Yes
Quality mention: Yes
- 3 Title of: DT, ECP, ASD:** "The influence of oceanic seamounts on the variability of primary production, microbial respiration and plankton community structure"
Type of project: Doctoral thesis
Co-director of thesis: Ana Martins
University: Universidad de Azores (Portugal) **Type of body:** University
City: Horta, Região Autónoma dos Açores , Portugal
Doctorate student: Ana Mendonca
Mark : Cum Laude
Date of reading: 12/2011
- 4 Title of: DT, ECP, ASD:** "A biophysical modeling approach of the Canarian waters"
Type of project: Work leading to an ASD
Co-director of thesis: Evan Mason
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Yeray Santana Falcón
Mark : Sobresaliente
Date of reading: 12/2011
Quality mention: Yes
- 5 Title of: DT, ECP, ASD:** "Global distribution of exopolymeric particles in the ocean"
Type of project: Work leading to an ASD
Co-director of thesis: Isabel Reche
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Ignacio Pérez Mazuecos
Mark : Sobresaliente
Date of reading: 12/2011



Quality mention: Yes

- 6** **Title of: DT, ECP, ASD:** "New insights into POC dynamics in the subtropical Northeast Atlantic Ocean"
Type of project: Doctoral thesis
Co-director of thesis: Antoni Calafat
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Iván González Alonso
Mark : Sobresaliente cum laude
Date of reading: 01/2011
Quality mention: Yes
- 7** **Title of: DT, ECP, ASD:** "Diazotrophic activity of Trichodesmium and unicellular cyanobacteria in the subtropical Northeast Atlantic"
Type of project: Work leading to an ASD
Co-director of thesis: Nona Sheila Agawin
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Mar Benavides Gorostegui
Mark : Sobresaliente
Date of reading: 06/2010
Quality mention: Yes
- 8** **Title of: DT, ECP, ASD:** "Shedding Light on the role of the prokaryotic assemblage in the biogeochemical cycles of the dark ocean"
Type of project: Doctoral thesis
Co-director of thesis: Gerhard Herndl
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Federico Baltar González
Mark : Sobresaliente cum laude
Date of reading: 03/2010
European Doctorate: Yes
Quality mention: Yes
- 9** **Title of: DT, ECP, ASD:** "Testing models for Trichodesmium spp. detection in the Canary Islands"
Type of project: Work leading to an ASD
Co-director of thesis: Hervé Demarq
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Carmen Liliana Roa Pascuali
Mark : Sobresaliente
Date of reading: 10/2009
Quality mention: Yes
- 10** **Title of: DT, ECP, ASD:** "Suspended POC transport and consumption in surface and deep waters of the Canary Current region: a box-model study"
Type of project: Work leading to an ASD
Co-director of thesis: Antoni Calafat
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Iván González Alonso
Mark : Sobresaliente
Date of reading: 12/2007
Quality mention: Yes



- 11** **Title of: DT, ECP, ASD:** "Strong coastal-ocean and surface-depth gradients in prokaryotic assemblage structure and activity in a coastal transition zone region"
Type of project: Work leading to an ASD
Co-director of thesis: Gerhard Herndl
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Federico Baltar González
Mark : Sobresaliente
Date of reading: 06/2007
Quality mention: Yes
- 12** **Title of: DT, ECP, ASD:** "Distribución y flujos de materia orgánica particulada y disuelta en la región de transición entre el afloramiento Africano y las aguas Canarias"
Type of project: Doctoral thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Mercedes García Muñoz
Mark : Sobresaliente cum laude
Date of reading: 05/2006
Quality mention: Yes
- 13** **Title of: DT, ECP, ASD:** "Transporte de materia orgánica y nutrientes a través de un filamento costero (Cabo Guir, NW Africa)"
Type of project: Work leading to an ASD
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Mercedes García Muñoz
Mark : Sobresaliente
Date of reading: 12/2002
Quality mention: Yes
- 14** **Title of: DT, ECP, ASD:** "Variabilidad en la biomasa y estructura de las comunidades de fitoplancton en aguas de Canarias, determinada mediante análisis de pigmentos por HPLC"
Type of project: Doctoral thesis
Co-director of thesis: Manuel Zapata
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Konelis van Lenning
Mark : Apto cum laude
Date of reading: 12/2000
European Doctorate: Yes
Quality mention: Yes
- 15** **Title of: DT, ECP, ASD:** "Distribución y composición pigmentaria de picoplancton procariota tipo Prochlorococcus marinus en la región Canaria del Océano Atlántico"
Type of project: Minor thesis
Co-director of thesis: Manuel Zapata
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Kornelis van Lenning
Mark : sobresaliente
Date of reading: 06/2000
Quality mention: Yes



- 16** **Title of: DT, ECP, ASD:** "Dinoflagelados de Canarias: estudio taxonómico y ecológico"
Type of project: Doctoral thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Alicia Ojeda Rodríguez
Mark : Apto cum laude
Date of reading: 12/1998
- 17** **Title of: DT, ECP, ASD:** "Estudio de las características tróficas y modelización del ecosistema de la Charca de Maspalomas"
Type of project: Doctoral thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Javier Almunia Portolés
Mark : Apto cum laude
Date of reading: 12/1998
- 18** **Title of: DT, ECP, ASD:** "Estudio sobre las causas desencadenantes de la mortandad de peces en la Charca de Maspalomas"
Type of project: Minor thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Javier Almunia Portolés
Mark : Sobresaliente
Date of reading: 09/1998
- 19** **Title of: DT, ECP, ASD:** "Género Ceratium (Dinophyceae) en las Islas Canarias: estudio taxonómico y ecológico"
Type of project: Minor thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Alicia Ojeda Rodríguez
Mark : sobresaliente
Date of reading: 04/1998
- 20** **Title of: DT, ECP, ASD:** "Influencia de las Estructuras Mesoescalares sobre la Distribución y Abundancia de Bacterias y Cianobacterias en Aguas de Canarias"
Type of project: Doctoral thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Salomé Ballesteros Rodríguez
Mark : Apto cum laude
Date of reading: 12/1994
- 21** **Title of: DT, ECP, ASD:** "Influencia de las Estructuras Oceanográficas Mesoescalares sobre la Producción Primaria en la Región Canaria"
Type of project: Doctoral thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Gotzon Basterretxea Oyarzabal
Mark : Apto cum laude
Date of reading: 09/1994
- 22** **Title of: DT, ECP, ASD:** "Producción primaria en el Estrecho de Bransfield, Océano Antártico"
Type of project: Minor thesis
University: Universidad de las Palmas de Gran Canaria **Type of body:** University
Doctorate student: Gotzon Basterretxea Oyarzabal
Mark : Sobresaliente



Date of reading: 05/1994

23 Title of: DT, ECP, ASD: "Respiración y Actividad ETS en Microplancton Marino. Variabilidad del ETS en Aguas de Canarias"

Type of project: Doctoral thesis

University: Universidad de las Palmas de Gran Canaria **Type of body:** University

Doctorate student: María Fernanda Montero del Pino

Mark : Apto cum laude

Date of reading: 12/1993

24 Title of: DT, ECP, ASD: "Estudio de la abundancia y distribución de Bacterias y Cianobacterias alrededor de la Isla de Gran Canaria, durante la época de máximo productivo primaveral"

Type of project: Minor thesis

University: Universidad de las Palmas de Gran Canaria **Type of body:** University

Doctorate student: Salomé Ballesteros Rodríguez

Mark : Sobresaliente

Date of reading: 10/1993

25 Title of: DT, ECP, ASD: "Estudio de la respiración en microplancton marino mediante tasas de consumo de oxígeno y actividad del sistema de transporte de electrones"

Type of project: Minor thesis

University: Universidad de las Palmas de Gran Canaria **Type of body:** University

Doctorate student: María Fernanda Montero del Pino

Mark : Sobresaliente

Date of reading: 10/1993

26 Title of: DT, ECP, ASD: "The influence of an eddy on the primary production of the waters in the wake of Gran Canaria"

Type of project: Master in Science

Co-director of thesis: WWC Gieskes

University: Universidad de Groningen (Holanda)

Type of body: University

City: Groningen, Groningen, Holland

Doctorate student: Rienko H.J. Vandershuur

Mark : Cum laude

Date of reading: 07/1991



Experience in Science and Technology

Scientific or technological activity

Participation in R&D&I projects funded in competitive tenders by public or private bodies

- 1 Name of the project:** "Infraestructura: SIMO (Sistema Integrado de Monitorización Oceánica)"
Head(s) researcher(s): Javier Arístegui
Funding body or bodies:
Ministerio de Ciencia e Innovación (MICINN)
Start date: 2010
Date of finalisation: 2013
Total amount: 300.000
- 2 Name of the project:** "PUMP: Estudio de la bomba vertical oceánica en remolinos a mesoescala"
Head(s) researcher(s): Pablo Sangrá Inciarte
Funding body or bodies:
Ministerio de Economía y Competitividad
Start date: 2013, 3 years
Total amount: 228.000
- 3 Name of the project:** "HOTMIX: Zonas de mezcla y frentes en el océano oscuro como "hot-spots" de biodiversidad y flujos biogeoquímicos a través del Mediterráneo y Atlántico Nordeste"
Head(s) researcher(s): Javier Arístegui
Funding body or bodies:
Ministerio de Ciencia e Innovación (MICINN)
Start date: 2012, 3 years
Total amount: 193.600
- 4 Name of the project:** MALASPINA 2010: Expedición de circunnavegación Malaspina 2010: Cambio Global y exploración de la biodiversidad del océano global
Head(s) researcher(s): Carlos Duarte Quesada
Funding body or bodies:
Ministerio de Ciencia e Innovación –Proyecto Consolider.
Start date: 2010, 3 years
Total amount: 4.350.000
- 5 Name of the project:** CAIBEX: Intercambio plataforma-océano en el ecosistema marino de la región Canaria-Península Ibérica: Afloramiento de Cabo Guir
Head(s) researcher(s): Javier Arístegui
Funding body or bodies:
MINISTERIO DE EDUCACION Y CIENCIA
City : Spain
Start date: 2007, 3 years



Total amount: 371.470

6 Name of the project: GRUP/2005/3

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

Gobierno de Canarias

Type of body: I+D+i

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

Start date: 2006, 1 year

Total amount: 11.000

7 Name of the project: RODA-Fondeo

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City : Spain

Start date: 2006, 1 year

Total amount: 90.000

8 Name of the project: EUROCEANS – Network of Excellence

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

Unión Europea (convocatoria MAST VI)

Start date: 2005, 2 years

9 Name of the project: RODA: Remolinos oceánicos y deposición atmosférica

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City : Spain

Start date: 2004, 3 years

Total amount: 230.000

10 Name of the project: Evaluación de técnicas in vitro para estimas de respiración en comunidades acuáticas"

Head(s) researcher(s): Javier Arístegui

Start date: 2003, 1 year

Total amount: 11.700

11 Name of the project: "ICEPOS: Interacciones complejas en ecosistemas polares"

Head(s) researcher(s): Carlos Duarte Quesada; Juan Luis Gómez Pinchetti

Funding body or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT).

Start date: 2002, 3 years

Total amount: 126.500

12 Name of the project: OASIS - Oceanic Islands Integrated Systems

Head(s) researcher(s): Bernd Christiansen; Javier Arístegui

Funding body or bodies:



Unión Europea (convocatoria MAST V)

Start date: 2002, 3 years

Total amount: 290.000

13 Name of the project: COCA: Flujo de Carbono en la Región Canaria: Acoplamiento Costa-Océano

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT) y Unión Europea.

Start date: 2001, 3 years

Total amount: 131.250

14 Name of the project: Estudio del Sistema del Carbono entre el Afloramiento y las Aguas Oceánicas de la Corriente de Canarias

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT).

Start date: 2000, 1 year

Total amount: 9.000

15 Name of the project: Infraestructura: Actualización de Citómetro de Flujo

Head(s) researcher(s): Javier Arístegui

Funding body or bodies:

Universidad de las Palmas de Gran Canaria

Type of body: University

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

Start date: 2000, 2 years

Total amount: 12.000

16 Name of the project: Infraestructura: Citómetro de Flujo

Funding body or bodies:

Comisión Interministerial de Ciencia y Tecnología (CICYT).

Start date: 1999, 1 year

Total amount: 72.000

17 Name of the project: PELAGIC: Pelágicos en Aguas de las Islas Canarias

Head(s) researcher(s): Santiago Hernández León

Funding body or bodies:

Unión Europea (FEDER) - Comisión Interministerial de Ciencia y Tecnología (CICYT).

Start date: 1999, 2 years

Total amount: 173.000

18 Name of the project: Teledetección: Sistema de recepción y procesamiento de imágenes de satélite (Telesat)

Head(s) researcher(s): Eduardo Rovaris Romero

Funding body or bodies:

Unión Europea (FEDER) - Comisión Interministerial de Ciencia y Tecnología (CICYT).

Start date: 1999, 2 years

Total amount: 52.178



- 19 Name of the project:** "DOVETAIL: Oceanografía física y productividad en la confluencia Weddell-Scotia"
Head(s) researcher(s): Marc García; Javier Arístegui
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT)
Start date: 1997, 2 years
Total amount: 43.000
- 20 Name of the project:** MESOPELAGIC: Migración y Estructura de los Sistemas Pelágicos Oceánicos en Aguas de las Islas Canarias
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1997, 3 years
Total amount: 124.260
- 21 Name of the project:** CANIGO: Canary Islands, Azores, Gibraltar Observations.
Head(s) researcher(s): Gregorio Parrilla; Xavier Niell; Javier Arístegui
Funding body or bodies:
Unión Europea (convocatoria MAST III)
Start date: 1996, 3 years
Total amount: 37.000
- 22 Name of the project:** FRENTEs: Dinámica, Interacción y Efectos Biológicos de Filamentos, Remolinos y Estelas
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1995, 3 years
Total amount: 267.200
- 23 Name of the project:** Flujo biológico de carbono en la columna de agua en el Océano Antártico
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1995, 1 year
Total amount: 5.000
- 24 Name of the project:** Coastal Transition Zone: Islas Canarias (ampliación del Proyecto MAST I)
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1993, 1 year
Total amount: 50.000
- 25 Name of the project:** OIMAC: Influencia de las Ondas internas de marea sobre la productividad en aguas costeras de Canarias
Funding body or bodies:
Gobierno Autónomo de Canarias
Start date: 1993, 2 years
Total amount: 42.000



- 26 Name of the project:** Infraestructura: Fluorímetro in situ
Funding body or bodies:
Fondos FEDER.
Start date: 1992
Total amount: 21.000
- 27 Name of the project:** Infraestructura: Sistema de Medición CTD
Funding body or bodies:
Fondos FEDER.
Start date: 1992
Total amount: 40.000
- 28 Name of the project:** Infraestructura: Sistema de Roseta, GO con 24 Botellas Oceanográficas Lever Action
Funding body or bodies:
Fondos FEDER/MEC.
Start date: 1992
Total amount: 48.000
- 29 Name of the project:** Oceanografía Dinámica y Productividad del Estrecho de Bransfield durante el verano austral
Head(s) researcher(s): Beatriz Morales; Javier Arístegui
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1992, 2 years
Total amount: 57.000
- 30 Name of the project:** Oceanografía del Estrecho de Bransfield: parámetros ambientales, productividad y caracterización de sus
Head(s) researcher(s): Beatriz Morales; Santiago Hernández León
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1991, 1 year
Total amount: 78.000
- 31 Name of the project:** Coastal Transition Zone: Islas Canarias
Head(s) researcher(s): Eric D. Barton; Manuel Cantón
Funding body or bodies:
Unión Europea (convocatoria MAST I)
Start date: 1990, 3 years
Total amount: 500.000
- 32 Name of the project:** "EMIAC: Efecto de Masa de Isla en Aguas del Archipiélago Canario".
Funding body or bodies:
Gobierno Autónomo de Canarias
Start date: 1989, 2 years
Total amount: 37.000



- 33 Name of the project:** "Estudio Biológico de los Fenómenos Causativos del Efecto de Masa de Isla en Aguas del Archipiélago Canario".
Funding body or bodies:
Comisión Interministerial de Ciencia y Tecnología (CICYT).
Start date: 1989, 2 years
Total amount: 100.000
- 34 Name of the project:** "Estudio Ecológico del Litoral de la Playa de Veneguera y Zonas Adyacentes (Costa Oeste de Gran Canaria)".
Funding body or bodies:
Gobierno Autónomo de Canarias
Start date: 1986, 2 years
Total amount: 16.000

Scientific Activities and General Techniques

Scientific production

Publications, Scientific and Technical Documents and any other publication

- 1** Benavides M.; N.S.R. Agawin; J. Arístegui; J. Peene; L. Stal. Dissolved organic nitrogen and carbon release by a marine unicellular diazotrophic cyanobacterium. *Aquatic Microbial Ecology* (in revision). 2013.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 2** Benavides M.; J. Arístegui; N.S.R. Agawin; J.L. López Cancio.; S. Hernández-León. Enhancement of nitrogen fixation rates by unicellular diazotrophs versus *Trichodesmium* after a dust deposition event in the Canary Islands. *Limnology and Oceanography*, 58 (in press). 2013.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 3** Alonso-González I.J.; J. Arístegui; C. Lee; A. Sánchez-Vidal; A. Calafat; J. Fabrés; P. Sangrá; E. Mason. Increased carbon sequestration by mesoscale eddies in the Northeast Atlantic Ocean. *Journal of Geophysical Research* (submitted). 2013.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 4** Arístegui, J.; C.M. Duarte; I. Reche; J.L. Gómez-Pinchetti. Krill excretion boosts microbial activity in the Southern Ocean. *Aquatic Microbial Ecology* (in revision). 2013.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7



- 5** Alonso-González I.J.; J. Arístegui; J.C. Vilas; M.F. Montero; M. Espino. Spatio-temporal variability of water column respiration in the Canary Basin: the role of suspended particulate organic matter. *Journal of Plankton Research* (submitted). 2013.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.1
- 6** Gasol J.M.; J. Arístegui. El océano profundo: Su exploración y su relevancia en los ciclos biogeoquímicos. In: M.A. Samper & S. Rebock (eds), *España Explora, Malaspina 2010. Cambio Global y Biodiversidad en el Océano*. Lunwerg, 207-217. 2012.
Type of production: Chapters of books **Type of platform:** Book
- 7** Baltar F.; J. Arístegui; J.M. Gasol; T. Yokokawa; G.J. Herndl. Bacterial versus Archaeal origin of extracellular enzymatic activity in the northeast Atlantic waters. *Microbial Ecology*, DOI 10.1007/s00248-012-0126-7. 2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.9
- 8** Leblanc K.; J. Arístegui; L. Armand; P. Assmy; B. Beker; A. Bode; E. Breton; V. Cornet; J. Gibson; M.P. Gosselin; E. Kopczynska; H. Marshall; J. Peloquin; S. Piontkovski; A.J. Poulton; B. Quéguiner; R. Schiebel; R. Shipe; J. Stefels; M.A. van Leeuwe; M. Varela; C. Widdicombe; M. Yallop. Diatoms: A global database – abundance, biovolume and biomass in the world ocean. *Earth Syst. Sci. Data Discuss*, 5: 147-185. 2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: Pendiente 2013
- 9** O'Brien C.J.; J.A. Peloquin; M. Vogt; M. Heinle; N. Gruber; P. Ajani; H. Andruleit; J. Arístegui; L. Beaufort; M. Estrada; D. Karentz; E. Kopczynska; R. Lee; T. Pritchard; C. Widdicombe. Global marine plankton functional type biomass distributions: Coccolithophores. *Earth Syst. Sci. Data Discuss*, 5: 491-520. 2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: Pendiente 2013
- 10** Mendonca A.; J. Arístegui; J.C. Vilas; M.F. Montero; A. Ojeda; M. Espino; A. Martins. Is there a seamount effect on microbial community structure and biomass? The case study of Seine and Sedlo Seamounts (Northeast Atlantic). *PloS ONE*, 7:e29526: 1-13. 2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.4
- 11** Baltar F.; J. Arístegui; J.M. Gasol; G.J. Herndl. Microbial functioning and community structure variability in the mesopelagic and epipelagic waters of the subtropical NE Atlantic. *Applied and Environmental Microbiology*. Vol 78 (9). doi: 10.1128/AEM.07962-11. 2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.4



- 12** Schmoker C.; J. Arístegui; S. Hernández-León. Planktonic biomass variability during a late winter bloom in the subtropical waters off the Canary Islands. *Journal of Marine Systems*, 95: 24-31 .2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5
- 13** Fraile-Nuez E.; M. González-Dávila; J.M. Santana-Casiano; J. Arístegui; I.J. Alonso-González; S. Hernández-León; M.J. Blanco; A. Rodríguez-Santana; A. Hernández-Guerra; M.D. Gelado-Caballero; F. Eugenio; J. Marcello; D. de Armas; J.F. Domínguez-Yanes; M.F. Montero; D.R. Laetsch; P. Vélez-Belchí; A. Ramos; A.V. Ariza; I. Comas-Rodríguez; V.M. Benítez-Barrios .The submarine volcano eruption of El Hierro Island: physical-chemical perturbation and biological response. *Nature Scientific Reports*, 2: 486 | DOI: 10.1038/srep00486 .2012.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: Pendiente 2013
- 14** Benavides M.; N.S.R. Agawin; J. Arístegui; P. Ferriol; L. Stal. Nitrogen fixation by *Trichodesmium* and small diazotrophs in the subtropical NE Atlantic. *Aquatic Microbial Ecology*. DOI: 10.3354/AME01534 .2011.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 15** Pérez F.F.; J. Arístegui; M. Vázquez-Rodríguez; A.F. Ríos. Anthropogenic CO₂ in the Azores region. *Scientia Marina*, 74 S1: 11-19 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 16** Burd A.B.; D.A. Hansell; D. K. Steinberg; T. R. Anderson; J. Arístegui. Assessing the apparent imbalance between geochemical and biochemical indicators of meso- and bathypelagic biological activity: what the @\$#! is wrong with present calculations of carbon budgets?. *Deep Sea Research II* , 57 (16): 1557-1571 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 17** Boras J.A.; M.M. Sala; F. Baltar; J. Arístegui; C.M. Duarte; D. Vaqué. Effect of viruses and protists on bacteria in eddies of the Canary Current region (subtropical Northeast Atlantic). *Limnology & Oceanography*, 55: 885-898 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 18** Nagata T.; C. Tamburini; J. Arístegui. Emerging concepts on microbial processes in the bathypelagic ocean-ecology, biogeochemistry and genomics. *Deep Sea Research II*, 57 (16): 1519-1536 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2



- 19** Mendonça A.; A. Martins; M. Figueiredo; I. Bashmachnikov; A. Coutob; V. Lafon; J. Aristegui. Evaluation of Ocean Colour and Sea Surface Temperature sensors algorithms using in situ data: A case study of temporal and spatial variability on two Northeast Atlantic seamounts. *Journal of Applied Remote Sensing*, 4, 043506: 1-26 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.8
- 20** Baltar F.; J. Arístegui; J.M. Gasol; F. E. Sintes; H. van Aken; G.J. Herndl. High dissolved extracellular enzymatic activity in the deep Central Atlantic Ocean. *Aquatic Microbial Ecology*, 58: 287–302.2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 21** Robinson C.; D.K. Steinberg; R. Koppelman; B.H. Robison; T. R. Anderson; J. Arístegui. Mesopelagic microbial and metazoan diversity and function - a synthesis. *Deep Sea Research II*, 57 (16): 1504-1518 .83,pp. 180 - 188.2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 22** Baltar F.; J. Arístegui; J.M. Gasol; I. Lekunberri; G.J. Herndl. Mesoscale eddies: hotspots of prokaryotic activity and differential community structure in the ocean. *The ISME Journal*, 4: 975-988 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 5.0
- 23** Baltar F.; J. Arístegui; J.M. Gasol; G.J. Herndl. Prokaryotic carbon utilization in the dark ocean: growth efficiency, leucine-to-carbon conversion factors, and their relation. *Aquatic Microbial Ecology*, 60: 227-232 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 24** Alonso-González I. J.; J. Arístegui; C. Lee; A. Calafat. Regional and temporal variability of sinking organic matter in the subtropical northeast Atlantic Ocean: a biomarker diagnosis. *Biogeosciences*, 7: 2101-2115 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 25** Alonso-González I.J.; J. Arístegui; C. Lee; A. Calafat; A. Sánchez-Vidal; P. Sangrá; P. Masqué; J. Fabrés. Role of slow settling particles in the ocean carbon cycle. *Geophysical Research Letters*, 37, L13608, doi: 10.1029/2010GL043827 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 26** Troupin C.; P. Sangrá; J. Arístegui. Seasonal variability of the oceanic upper layer and its modulation of biological cycles in the Canary Island region. *Journal of Marine Systems*, 80: 172-183 .2010.
Type of production: Article **Type of platform:** Journal



Impact measuring agency: ISI

Index measuring impact: 2.5

- 27** Baltar F.; J. Arístegui; E. Sintés; J.M. Gasol; T. Reinthaler; G.J. Herndl. Significance of non-sinking particulate organic carbon and dark CO₂ fixation to heterotrophic carbon demand in the mesopelagic northeast Atlantic. *Geophysical Research Letters*, 37, L09602, doi:10.1029/2010GL043105 .2010.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 28** Freon P.; J. Arístegui; A. Bertrand; R.J. Crawford; J. Field; M.J. Gibbons; L. Hutchings; H. Masski; C. Mullon; M. Ramdani; B. Serret; M. Simier; J. Tam. Dominant species within functional groups of Eastern Boundary Upwelling Systems: what can we learn?. *Progress in Oceanography*, 83: 97-106 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 29** Freon P.; M. Barange; J. Arístegui. Eastern boundary upwelling ecosystems: integrative and comparative approaches. *Progress in Oceanography*, 83: 1-14 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 30** Fréon P.; M. Barange; J. Arístegui. Eastern boundary upwelling ecosystems: integrative and comparative approaches. *Progress in Oceanography*, 83: 1-14 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 31** Baltar F.; J. Arístegui; J.M. Gasol; E. Sintés; G.J. Herndl. Evidence for the dependence of prokaryotic metabolism on suspended particulate organic matter in the dark waters of the sub(tropical) North Atlantic. *Limnology & Oceanography*, 54: 182-193 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 32** Gasol J.M.; L. Alonso-Saez; D. Vaqué; F. Baltar; M. Ll. Calleja; C. M. Duarte; J. Arístegui. Mesopelagic prokaryotic bulk and single-cell heterotrophic activity and community composition in the NW Africa-Canary Islands coastal-transition zone. *Progress in Oceanography*, 83: 189-196 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 33** Baltar F.; J. Arístegui; M.F. Montero; M. Espino; J.M. Gasol; G. Herndl. Mesoscale variability modulates seasonal changes in the trophic structure of nano- and picoplankton communities across the NW Africa-Canary Islands transition zone. *Progress in Oceanography*, 83: 180-188 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI



Index measuring impact: 3.5

- 34** Arístegui J.; JM. Gasol; CM. Duarte; G. Herndl. Microbial oceanography of the dark ocean's pelagic realm. *Limnology & Oceanography (Review)*, 54: 1501-1529 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 35** Arístegui J.; A. Mendonca; J.C. Vilas; M. Espino; I. Polo; MF. Montero; A. Martins. Plankton metabolic balance at two north Atlantic seamounts. *Deep-Sea Research II*, 56: 2646-2655 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 36** Baltar F.; J. Arístegui; F.E. Sintés; H. Van Aken; J.M. Gasol; G.J. Herndl. Prokaryotic ectoenzymatic activity in relation to biomass production in the meso- and bathypelagic waters of the (sub) tropical Atlantic. *Environmental Microbiology*, 11: 1998-2014 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 5.2
- 37** Vilas J.C.; J. Arístegui; K. Kiriakoulakis; G. Wolf; M. Espino; I. Polo; MF. Montero; A. Mendonca. Seamounts and organic matter – is there an effect? The case of Sedlo and Seine Seamounts Part I. Distributions of dissolved and particulate organic matter. *Deep-Sea Research II*, 56: 2618-2630 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 38** Kiriakoulakis K.; J.C. Vilas; S.J. Blackbird; J. Arístegui; G.A. Wolff. Seamounts and organic matter – is there an effect? The case of Sedlo and Seine Seamounts. Part II. Composition of suspended particulate organic matter. *Deep-Sea Research II*, 56: 2631-2645 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 39** Arístegui J.; E.D. Barton; X.A. Alvarez Salgado; A.M.P. Santos; F.G. Figueiras; S. Kifani; S. Hernández-León; E. Mason; E. Machu; H. Demarcq. Sub-regional ecosystem variability in the Canary Current upwelling (Review). *Progress in Oceanography*, 83: 33-48 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 40** Alonso González I.J.; J. Arístegui; J.C. Vilas; A. Hernández-Guerra. Suspended POC transport and consumption in surface and deep waters of the Canary Current region: a box model study. *Global Biogeochemical Cycles*, 23, doi: 10.1029/2008GB003185 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 5.0



- 41** Sangrà P.; A. Pascual; A. Rodríguez-Santana; F. Machín; E. Mason; J.C. McWilliams; J.L. Pelegrí; C. Dong; A. Rubio; J. Arístegui; A. Marrero-Díaz; A. Hernández-Guerra; A. Martínez-Marrero; M. Auladell. The Canary Eddy Corridor: a major pathway for long-lived eddies in the subtropical North Atlantic. *Deep Sea Research I*, 56: 2100-2114 .2009.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5
- 42** Freon P.; M. Barange; J. Arístegui. International Symposium on Eastern Boundary Upwelling Ecosystems. *GLOBEC International Newsletter*. 14(2): 26-33 .2008.
Type of production: Article **Type of platform:** Journal
- 43** White M.; I. Bashmachnikov; J. Arístegui; A. Martins. Physical Processes and Seamount Productivity. In: T. Pitcher, T. Morato, P. Hart, M. Clark, N. Haggan & R. Santos (eds.), *Seamounts: Ecology, Fisheries & Conservation*. Blackwell Pub.: 65-84 .2007.
Type of production: Chapters of books **Type of platform:** Book
- 44** Alonso-Sáez J.; J. Arístegui; J. Pinhassi; L. Gómez-Consarnau; J.M. González; D. Vaqué; S. Agustín; J.M. Gasol. Bacterial assemblage structure and carbon metabolism along a productivity gradient in the North East Atlantic Ocean. *Aquatic Microbial Ecology*, 46: 43-53 .46, pp. 71 - 83.2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 45** Álvarez-Salgado X.A.; J. Arístegui; E.D. Barton; D.A. Hansell. Contribution of upwelling filaments to offshore carbon export in the subtropical Northeast Atlantic Ocean. *Limnology & Oceanography*, 52(3): 1287-1292 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 46** Gasol J.M.; J. Arístegui. Cytometric evidence reconciling the toxicity and usefulness of CTC as a marker of bacterial activity. *Aquatic Microbial Ecology*, 46: 71-83 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 47** Turnewitsch R.; B.M. Springer; K. Kiriakoulakis; J.C. Vilas; J. Arístegui; G. Wolff; F. Peine; S. Werk; G. Graf; J.J. Waniek. Determination of particulate organic carbon (POC) in seawater: the relative methodological importance of artificial gains and losses in two glass-fiber-filter-based techniques. *Marine Chemistry*, 105: 208-228 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.6
- 48** Alonso-Sáez; J.M. Gasol; J. Arístegui; J.C. Vilas; D. Vaqué; C.M. Duarte; S. Agustí. Large-scale variability in surface bacterial carbon demand and growth efficiency in the subtropical Northeast Atlantic Ocean. *Limnology & Oceanography*, 52 (2): 533-546 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI



Index measuring impact: 4.1

- 49** Hernández-León S.; M. Gómez; J. Arístegui. Mesozooplankton in the Canary Current System: The coastal-ocean transition zone. *Progress in Oceanography*, 74: 397-421 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 50** Baltar F.; J. Arístegui; G.J. Herndl; J.M. Gasol; S. Hernández-León .Strong coastal-ocean and surface-depth gradients in prokaryotic assemblage structure and activity in a coastal transition zone region. *Aquatic Microbial Ecology*, 50: 63-74 .2007.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 51** Hernández-León S.; J.M. Rodríguez; M. Moyano; J. Arístegui. The coastal-ocean transition zone in the Canary Current System. *GLOBEC International Newsletter*, 13: 26-28 .2007.
Type of production: Article **Type of platform:** Journal
- 52** Arístegui J.; X.A. Alvarez-Salgado; E.D. Barton; F.G. Figueiras; S. Hernández León; C. Roy; A.M.P. Santos. Oceanography and Fisheries of the Canary Current/Iberian region of the Eastern North Atlantic. In: A.R. Robinson & K.W. Brink (ed.). *THE SEA: Volume 14B – The Global Coastal Ocean: Interdisciplinary Regional Studies and Syntheses*. Harvard University Press. pp: 877-931 .2006.
Type of production: Chapters of books **Type of platform:** Book
- 53** Reinthaler T.; H. van Aken; C. Veth; P. Lebaron; J. Arístegui; C. Robinson; P.J. LeB. Williams; G. Herndl. Prokaryotic respiration and production in the meso- and bathypelagic realm of the eastern and western North Atlantic basin. *Limnology and Oceanography*, 51(3): 1262-1273 .2006.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 54** Arístegui J.; S. Agustí; J. Middelburg; C.M. Duarte. Respiration in the mesopelagic and bathypelagic zones of the oceans. In: P. Del Giorgio, P.J. LeB Williams (eds). *Respiration in Aquatic Ecosystems*. Oxford Univ. Press.: 182-206 .2005.
Type of production: Chapters of books **Type of platform:** Book
- 55** Arístegui J.; C.M. Duarte; J.M. Gasol; L. Alonso-Sáez. Active mesopelagic prokaryotes support high respiration in the subtropical Northeast Atlantic Ocean. *Geophysical Research Letters*, 32, L03608, doi:10.1029/2004GL021863 .2005.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 56** Pelegrí J.L.; J. Arístegui; L. Cana; M. González-Dávila; A. Hernández-Guerra; S. Hernández-León; A. Marrero-Díaz; M.F. Montero; P. Sangrá; M. Santana-Casiano .Coupling between the open ocean and the coastal upwelling region off Northwest Africa: Water recirculation and offshore pumping of organic matter. *Journal of Marine Systems*, 54: 3-38 .2005.
Type of production: Article **Type of platform:** Journal



Impact measuring agency: ISI

Index measuring impact: 2.5

- 57** García- Muñoz M.; J. Arístegui; J.L. Pelegrí; A. Antoranz; A. Ojeda; M. Torres. Exchange of carbon and nutrients by an upwelling filament off Cape Ghir (NW Africa). *Journal of Marine Systems*, 54: 83-96 .2005.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 2.5

- 58** Arístegui J.; M.F. Montero. Temporal and spatial changes in microplankton respiration and biomass in the Canary Islands: the effect of mesoscale variability. *Journal of Marine Systems*, 54: 65-82 .2005.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 2.5

- 59** Sebastián M.; J. Arístegui; M. F. Montero; J. Escáñez; F.X. Niell. Alkaline phosphatase activity and its relationship to inorganic phosphorous in the transition zone of the North-western African upwelling system. *Progress in Oceanography*, 62: 130-151 .2004.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 3.5

- 60** García-Muñoz M.; J. Arístegui; M.F. Montero; E.D. Barton. Distribution and transport of organic matter along a filament - eddy system in the Canaries - NW Africa coastal transition zone region. *Progress in Oceanography*, 62: 115-130 .2004.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 3.5

- 61** Sebastián M.; J. Arístegui; MF. Montero; FX. Niell. Kinetics of alkaline phosphatase activity, and effect of phosphate enrichment: a case study in the NW African upwelling region. *Marine Ecology Progress Series*, 270: 1-13 .2004.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 3.2

- 62** Rodríguez J.M.; E.D. Barton; S. Hernández-León; J. Arístegui. Taxonomic composition and horizontal distribution of the fish larvae community in the Canaries-Coastal Transition Zone, in summer. *Progress in Oceanography*, 62: 171-188 .2004.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI

Index measuring impact: 3.5

- 63** Barton E.D.; J. Arístegui. The Canary Islands coastal transition zone – upwelling, eddies and filaments. *Progress in Oceanography*, 62: 67-70 .2004.

Type of production: Article

Type of platform: Journal

Impact measuring agency: ISI



Index measuring impact: 3.5

- 64** Barton E.D.; J. Arístegui. The Canary Islands coastal transition zone – upwelling, eddies and filaments. *Progress in Oceanography*, 62: 67-70 .2004.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 65** Arístegui J.; E.D. Barton; P. Tett; M.F. Montero; M. García-Muñoz; G. Basterretxea; A-S Cussatlegras; A. Ojeda; D. de Armas. Variability in plankton community structure, metabolism, and vertical carbon fluxes along an upwelling filament (Cape Juby, NW Africa). *Progress in Oceanography*, 62: 95-114 .2004.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 66** Barton E.D.; J. Arístegui; P. Tett; E. Navarro-Pérez. Variability in the Canary Islands Area of filament-eddy exchanges. *Progress in Oceanography*, 62: 71-94 .2004.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 67** Hernández-León S.; C. Almeida; P. Bécognée; L. Yebra; J. Arístegui. Zooplankton biomass and indices of grazing and metabolism during a Late Winter Bloom in subtropical waters. *Marine Biology*, 145: 1191-1200 .2004.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 68** Ríos A.F.; X.A. Alvarez-Salgado; F.F. Pérez; L-S- Bingler; J. Arístegui; L. Mémary. Carbon dioxide along WOCE line A14: internal consistency, water masses characterization and anthropogenic entry. *Journal of Geophysical Research*, 108, 3123, doi: 10.1029/2000JC000366: 20.1-20.16 .2003.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 69** Arístegui J.; S. Agustí; C.M. Duarte. La respiración en las profundidades oceánicas. *Investigación y Ciencia*. 2003.
Type of production: Article **Type of platform:** Journal
- 70** Arístegui J.; E.D. Barton; M. F. Montero; M. García-Muñoz; J. Escánez. Organic carbon distribution and water-column respiration in the NW Africa-Canaries Coastal Transition Zone region. *Aquatic Microbial Ecology*, 33:289-301 .2003.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 71** Arístegui J.; S. Agustí; C.M. Duarte. Respiration in the dark ocean. *Geophysical Research Letters*, 30 (2) 1041: 13.1-13.4 .2003.
Type of production: Article **Type of platform:** Journal



Impact measuring agency: ISI

Index measuring impact: 3.1

- 72** Arístegui J.; W.G. Harrison. Decoupling of primary production and respiration in the ocean: implications for regional carbon studies. *Aquatic Microbial Ecology*, 29: 199-209 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.7
- 73** Arístegui J.; C.M. Duarte; S. Agustí; M. Doval; X.A. Alvarez-Salgado; D. Hansell. Dissolved organic carbon support of respiration in the dark ocean. *Science*, 298: 1967.2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 30.3
- 74** Basterretxea G.; E.D. Barton; P. Tett; P. Sangrá; E. Navarro; J. Arístegui. Eddy and DCM response to wind-shear in the lee of Gran Canaria. *Deep-Sea Research I*, 49: 1087-1101 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5
- 75** Hernández-León S.; C. Almeida; L. Yebra; J. Arístegui. Lunar cycle of zooplankton biomass in subtropical waters: biogeochemical implications. *Journal of Plankton Research*, 24: 935-939 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.1
- 76** Tett P.; J. Arístegui; D. Barton; G. Basterretxea; J.D. De Armas; J. Escánez; S. Hernández-León; L. Lorenzo; M.F. Montero. Steady-state DCM dynamics in Canaries waters. *Deep-Sea Research II*, 49: 3543-3559 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 77** Arístegui J.; M. Denis; J. Almunia; M.F. Montero. Water-column remineralization in the Indian sector of the Southern Ocean during early spring. *Deep-Sea Research II*, 49: 1707-1720 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 78** Hernández-León S.; C. Almeida; A. Portillo-Hahnefeld; M. Gómez; J.M. Rodríguez; J. Arístegui. Zooplankton biomass and indices of feeding and metabolism in relation to a filament off the Northwest African Upwelling zone. *Journal of Marine Research*, 60: 327-346 .2002.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2



- 79** Harrison W.G.; J. Arístegui; E.J. Head H; W.K.W. Li; A.R. Longhurst; D.D. Sameoto. Basin-scale variability in plankton biomass and community metabolism in the sub-tropical North Atlantic Ocean. *Deep-Sea Research II*, 48: 2241-2269 .2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.2
- 80** Sangrá P.; G. Basterretxea; J.L. Pelegrí; J. Arístegui. Chlorophyll increase by internal waves in the shelf-break of Gran Canaria (Canary Islands). *Scientia Marina*, 65: 89-97 .6,2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 81** Duarte C.M.; S. Agustí; J. Arístegui; N. González; R. Anadón. Evidence for a heterotrophic subtropical northeast Atlantic. *Limnology and Oceanography*, 46 (2): 425-428 .2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 4.1
- 82** Pelegrí J.L.; I. Alonso; J. Arístegui. The ocean, our climate and the earth's health. *Scientia Marina*, 65: 3-5 .2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 83** Arístegui J.; S. Hernández-León; M.F. Montero; M. Gómez. The seasonal planktonic cycle in coastal waters of the Canary Islands. *Scientia Marina* 65: 51-58 .2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 84** Hernández-León S.; C. Almeida; L. Yebra; J. Arístegui; M.L. Fernández de Puellas; J. García-Braun. Zooplankton biomass in subtropical waters: Is there a lunar cycle?. *Scientia Marina*, 65: 59-64 .2001.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 85** Pelegrí J.L.; I. Alonso; J. Arístegui (eds.). *An Interdisciplinary View of the Ocean*. *Scientia Marina*, 65 (suppl.1): 1-304 .2001.
Type of production: Book **Type of platform:** Book
- 86** Basterretxea G.; J. Arístegui. Mesoscale variability in phytoplankton biomass distribution and photosynthetic parameters in the Canary – NW African coast transition zone. *Marine Ecology Progress Series*, 197: 27-40 .2000.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.2



- 87** Barton E.D.; G. Basterretxea; P. Flament; E.G. Mitchelson; B. Jones; J. Arístegui; F. Herrera. The lee region of Gran Canaria. *Journal of Geophysical Research*, 105 (C7): 17.173-17.193 .2000.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 88** Almunia J.; G. Basterretxea; J. Arístegui; R.E. Ulanowicz. Benthic-pelagic switching in a coastal subtropical lagoon. *Estuarine, Coastal and Shelf Science*, 49: 363-384 .1999.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5
- 89** Hernández-León S.; L. Postel; J. Arístegui; M. Gómez; M.F. Montero; S. Torres; C. Almeida; E. Kühner; U. Brenning; E. Hagen. Large-scale and mesoscale distribution of plankton biomass and metabolic activity in the Northeastern Central Atlantic. *Journal of Oceanography* 55: 471-482 .1999.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 90** Hernández-León S.; J. Arístegui; M. Gómez; S. Torres; C. Almeida; M.F. Montero; A. Ojeda. Mesozooplankton metabolism and its effect on chlorophyll and primary production in slope waters of the Canary Islands. *Annales de L'Institut Oceanographique de Paris*, 74: 127-138 .1998.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
- 91** Barton E.D.; J. Arístegui; P. Tett; M. Cantón; J. García-Braun; S. Hernández-León; L. Nykjaer; C. Almeida; J. Almunia; S. Ballesteros; G. Basterretxea; J. Escáñez; L. García-Weill; A. Hernández-Guerra; F. López-Latzen; R. Molina; M.F. Montero; E. Navarro-Pérez; K. Van Lenning; H. Vélez; K. Wild. The transition zone of the Canary Current upwelling region. *Progress in Oceanography*, 41: 455-504 .1998.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.5
- 92** Arístegui J.; P. Tett; A. Hernández-Guerra; G. Basterretxea; M.F. Montero; K. Wild; P. Sangrá; S. Hernández-León; M. Cantón; J.A. García-Braun; M. Pacheco; E.D. Barton. The influence of island-generated eddies on chlorophyll distribution: a study of mesoscale variation around Gran Canaria. *Deep-Sea Research I*, 44: 71-96 .1997.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5
- 93** Arístegui J.; J. Almunia; M. Denis. Variation spatiale et temporelle de l'activité respiratoire des assemblages microbiens au cours de la campagne ANTARES 3 (printemps austral). *Pub. Inst. Fr. Recherche et Technologie Polaires*, 97 (2): 181-189 .1997.
Type of production: Article **Type of platform:** Journal
- 94** Rojas P.; O. López; M.A. García; J. Arístegui; S. Torres; S. Hernández-León; G. Basterrechea; B. Amengual; J. Escamez; B. Morales. Hidrografía del Estrecho de Bransfield durante el verano austral 91/92. *Actas V Simposio de Estudios Antárticos*: 403-411 .1996.



Type of production: Article

Type of platform: Book

- 95** Montero M.F.; J. Arístegui. Metabolismo respiratorio del microplancton en aguas de la Península Antártica. Actas del Vº Simposio de Estudios Antárticos: 39-54 .1996.
Type of production: Article **Type of platform:** Book
- 96** Basterretxea G.; J. Arístegui. Modelos de producción primaria en el Estrecho de Bransfield. Actas del Vº Simposio de Estudios Antárticos: 21-38 .1996.
Type of production: Article **Type of platform:** Book
- 97** Basterretxea G.; J. Arístegui. Phytoplankton biomass and production during late austral spring (1991) and summer (1993) in the Bransfield Strait. Polar Biology, 21: 11-21 .1996.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.6
- 98** Arístegui J.; M.F. Montero; S. Ballesteros; G. Basterretxea; K. Van Lenning. Planktonic primary production and microbial respiration measured by C-14 assimilation and dissolved oxygen changes in coastal waters of the Antarctic Peninsula during austral summer: implications for carbon flux studies. Marine Ecology Progress Series, 132: 191-201 .1996.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 3.2
- 99** Arístegui J.; M.F. Montero. Plankton community respiration in Bransfield Strait (Antarctic Ocean) during austral spring. Journal of Plankton Research, 17: 1647-1659 .1995.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.1
- 100** Van Lenning K.; J.L. Garrido; J. Arístegui; M. Zapata. Temperature-programmed high performance liquid chromatography separation of mono- and divinyl chlorophyll forms from marine phytoplankton. Chromatographia, 41: 539-543 .1995.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.2
- 101** Arístegui J.; M.F. Montero. The relationship between community respiration and ETS activity in the ocean. Journal of Plankton Research, 17: 1563-1572 .1995.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.1
- 102** Arístegui J.; J.P. Sangrá; S. Hernández-León; M. Cantón; A. Hernández-Guerra; J. Kerling. Island-induced eddies in the Canary Islands. Deep-Sea Research, 41: 1509-1525 .1994.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 2.5



- 103** Hernández-Guerra A.; J. Arístegui; M. Cantón-Garbín; L. Nykjaer. Phytoplankton pigment patterns in the Canary Islands as determined using Coastal Zone Color Scanner data. *International Journal of Remote Sensing*, 14: 1431-1437 .1993.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.8
- 104** Hernández-León S.; L. Postel; J. Arístegui; M. Gómez; M.F. Montero; S. Torres; C. Almeida; E. Kühner; U. Brenning; E. Hagen. Large scale and mesoscale patterns of metabolic activity of epipelagic micro and mesoplankton in the Northeastern Central Atlantic at 21°N. *International Council for the Exploration of the Sea. Biological Oceanography Committee. C.M. 1992/L20: 1-7* .1992.
Type of production: Article **Type of platform:** Journal
- 105** Arístegui J. La distribución de la clorofila a en aguas de Canarias. *Boletín del Instituto Español de Oceanografía*, 6 (2): 61-72 .1990.
Type of production: Article **Type of platform:** Journal
- 106** Arístegui J. Consideraciones sobre el género *Celleporina* (Gray, 1848) en Canarias y descripción de tres especies nuevas. *Cahiers de Biologie Marine*, 30: 143-165 .1989.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.7
- 107** Arístegui J.; S. Hernández-León; M. Gómez; L. Medina; A. Ojeda; S. Torres. Influence of the Wind on Neritic Plankton around Gran Canaria. In: *Topics in Marine Biology*. Ros, J.D. (Ed.). *Scientia Marina*, 53: 223-229 .1989.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 1.4
- 108** Harmelin J.G.; J. Arístegui. New Cribrellinidae (Bryozoa, Cheilostomata) from the upper bathial of the Atlantic Mediterranean Region. *Journal of Natural History*, 22: 507-535 .1988.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.7
- 109** Arístegui J. Tres especies nuevas de Briozoos (Cheilostomata: Ascophora) en Canarias. *Cahiers de Biologie Marine*, 28: 521-535.1988.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.7
- 110** Arístegui J.; A. Brito; T. Cruz; J.J. Bacallado; J. Barquín; J. Núñez; G. Pérez-Dionis. El poblamiento de los fondos de *Dendrophyllia ramea* (Anthozoa, Scleractinia) en las Islas Canarias. *Cuadernos Marisqueros, Publ. Téc.*, 11: 163-181 .1987.
Type of production: Article **Type of platform:** Journal



- 111** Arístegui J. Introducción al estudio de las comunidades de briozoos más representativas del litoral de las Islas Canarias. *Cahiers de Biologie Marine*, 28: 323-338 .1987.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.7
- 112** Arístegui J.; T. Cruz. Consideraciones biogeográficas sobre el orden Cheilostomata (Ectoprocta) en Canarias. *Vieraea*, 16: 161-171 .1986.
Type of production: Article **Type of platform:** Journal
- 113** Arístegui J. Una especie nueva de Briozoo en los fondos detríticos de Canarias: *Escharella hexaespínosa* sp. nov. *Vieraea*, 16: 183-187 .1986.
Type of production: Article **Type of platform:** Journal
- 114** Arístegui J. The genus *Adeonellopsis* MacGuillivray in the Canary Islands: *A. distoma* (Busk) and *A. multiporosa* sp. nov. *Journal of Natural History*, 19: 425-430 .1985.
Type of production: Article **Type of platform:** Journal
Impact measuring agency: ISI
Index measuring impact: 0.7
- 115** Arístegui J. Fauna de Briozoos Quilostomados (Ectoprocta, Cheilostomata) de Canarias. *Actas do IVº Simpósio Ibérico de Estudos do Benthos Marinho*. Lisboa, 3: 297-310 .1984.
Type of production: Article **Type of platform:** Book
- 116** Arístegui J. Estudio Faunístico y Ecológico de los Briozoos Quilostomados (Ectoprocta, Cheilostomata) del Circalitoral de Tenerife. *Sec. Pub. Univ. La Laguna. Monografías*, 13: 1-266 .1984.
Type of production: Book **Type of platform:** Book

Work presented in conferences at the national or international level

- 1** **Title:** Global distribution of exopolymeric particles in the ocean
Name of the conference: Oceans of Change. American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting
City of the publishing body: Otsu, Japan
Date of the event: 07/2012
 Pérez-Mazuécos I.; E. Ortega-Retuerta; J. Arístegui; J.M. Gasol; I. Reche.
- 2** **Title:** Diapycnal nutrient fluxes in the Cape Ghir upwelling region
Name of the conference: European Geophysical Union (EGU) General Assembly
City of the publishing body: Viena, Austria
Date of the event: 04/2012
 Arcos-Pulido M.; A. Rodríguez-Santana; M. Emelianov; V. Paka; J. Arístegui; P. Sangrà; F. Machín; L. García-Weil.
- 3** **Title:** A biophysical modeling approach to the Canary Current Ecosystem
Name of the conference: ISMS12 International Symposium in Marine Sciences
City of the publishing body: Cádiz, Spain
Date of the event: 01/2012
 Santana-Falcón Y.; E. Mason; J. Arístegui.



- 4** **Title:** Nitrogen fixation by Trichodesmium and small diazotrophs in the subtropical northeast Atlantic
Name of the conference: ISMS12 International Symposium in Marine Sciences
City of the publishing body: Cádiz, Spain
Date of the event: 01/2012
Benavides M.; N.S.R. Agawin; J. Arístegui; P. Ferriol; L.J. Stal.
- 5** **Title:** Bacterial versus archaeal origin of extracellular enzymatic activity in the northeast Atlantic deep waters
Name of the conference: SAME-12 Conference
City of the publishing body: Rostock, Germany
Date of the event: 09/2011
Baltar F.; J. Arístegui; J.M. Gasol; T. Yokokawa; G.J. Herndl.
- 6** **Title:** Shelf-ocean exchanges in the Canaries-Iberian Large Marine Ecosystems (CAIBEX)
Name of the conference: The 43rd International Liege Colloquium on Ocean Dynamics
City of the publishing body: Liege, Belgium
Date of the event: 05/2011
Barton J.; J. Arístegui; X.A. Álvarez-Salgado; F. Pérez; A. González; P. Miller; G. Roson; A. Orbi; P. Sangrá; Caibex Team.
- 7** **Title:** The IMBER Project: Connections to tracers and traces
Name of the conference: The 43rd International Liege Colloquium on Ocean Dynamics
City of the publishing body: Liege, Belgium
Date of the event: 05/2011
Arístegui J.
- 8** **Title:** Microbial carbon cycling in the meso- and bathypelagic North Atlantic
Name of the conference: American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting
City of the publishing body: Puerto Rico, Puerto Rico
Date of the event: 02/2011
Herndl G.J.; A.B. Bochdansky; F. Baltar; J. Arístegui; T. Reinthaler.
- 9** **Title:** Testing models to detect Trichodesmium spp. Presence in the Canary Islands region
Name of the conference: American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting
City of the publishing body: Puerto Rico, Puerto Rico
Date of the event: 02/2011
Pascuali L.; H. Demarcq; J. Arístegui.
- 10** **Title:** The Canary Islands CTZ region: Ecosystem response to the interplay between upwelling filaments, eddies and island wakes
Name of the conference: Influence of meso- and submesoscale ocean dynamics on the global carbon cycle and marine ecosystems
City of the publishing body: Brittany, France
Date of the event: 06/2010
Organising body: Euroceans
Arístegui J.; E.D. Barton; P. Sangrá; E. Mason.



- 11** **Title:** The deep (dark) ocean: Changing paradigms in a changing ocean
Name of the conference: An IMBER Challenger. IMBER SSC Meeting
City of the publishing body: Washington, United States of America
Date of the event: 05/2010
- 12** **Title:** High-resolution measurements of an upwelling filament during the CAIBEX campaign. 42nd International Liège Colloquium on Ocean Dynamics
Name of the conference: EGU General Assembly
City of the publishing body: Liege, Belgium,
Date of the event: 04/2010
Troupin C.; E. Mason; J. Arístegui; J-M Beckers; P. Sangrà.2010.
- 13** **Title:** Poleward front of upwelling filaments generates subsurface anticyclonic eddies (FEDDY): A Caibex Project contribution
Name of the conference: Ocean Sciences 2010 (AGU)
City of the publishing body: Portland, Oregon, United States of America
Date of the event: 02/2010
Sangrà P.; J. Arístegui; C. Troupin; E.D. Barton.2010.
- 14** **Title:** Shelf-ocean exchanges in the Canaries-Iberian Marine Ecosystems (CAIBEX)
Name of the conference: Ocean Sciences 2010 (AGU)
City of the publishing body: Portland, Oregon, United States of America
Date of the event: 02/2010
Barton E.D.; J. Arístegui; X. A. Alvarez Salgado; F. Perez; A. Gonzalez Gonzalez; G. Roson; P. Miller.2010.
- 15** **Title:** The Cape Ghir (Nw Africa) Upwelling Filament: Modeling and Observation during the CAIBEX Campaign
Name of the conference: Ocean Sciences (AGU)
City of the publishing body: Portland, Oregon, United States of America
Date of the event: 02/2010
Troupin C.; P. Sangrà; J. Arístegui; J. Beckers; E.D. Barton.
- 16** **Title:** Examining the influence of mesoscale eddies and atmospheric deposition on particle export fluxes using 234Th and 210Po
Name of the conference: American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting
City of the publishing body: Nice, France
Date of the event: 01/2009
Verdeny E.; P. Masqué; C.R. Benitez-Nelson; J. García-Orellana; M. Villa; JC. Miquel; G. Stewart; I. Alonso-González; F. Baltar; J. Arístegui.2009.
- 17** **Title:** Mineralization of organic matter in the dark ocean
Name of the conference: IMBER UK Meeting (Invited Conference)
City of the publishing body: Plymouth, United Kingdom
Date of the event: 01/2009
Tamburini C.; J. Arístegui; D. Lefevre.2009.
- 18** **Title:** Predominant of free-extracellular enzymatic activity in the dark Central Atlantic Ocean
Name of the conference: American Society of Limnology and Oceanography (ASLO) Aquatic Sciences Meeting
City of the publishing body: Nice, France



Date of the event: 01/2009

Baltar F.; J. Arístegui; J.M Gasol; E. Sintes; G. Herndl.2009.

19 Title: Dependence of prokaryotic metabolism on suspended particulate organic matter in the dark waters of the subtropical North Atlantic

Name of the conference: IMBER- IMBIZO Symposium: Integrating biogeochemistry and ecosystems in a changing ocean.

City of the publishing body: Miami, United States of America

Date of the event: 11/2008

Baltar F.; E. Sintes; H.M. van Aken; J.M. Gasol; J. Arístegui; G.J. Herndl.2008.

20 Title: Dependence of prokaryotic metabolism on suspended particulate organic matter in the dark waters of the subtropical North Atlantic.

Name of the conference: IMBER- IMBIZO Symposium: Integrating biogeochemistry and ecosystems in a changing ocean

City of the publishing body: Miami, United States of America

Date of the event: 11/2008

Baltar F.; J. Arístegui; J.M. Gasol; E. Sintes; G. Herndl.2008.

21 Title: Ecological and biogeochemical approaches to estimating respiration rates in the dark ocean

Name of the conference: IMBER- IMBIZO Symposium: Integrating biogeochemistry and ecosystems in a changing ocean

City of the publishing body: Miami, United States of America

Date of the event: 11/2008

Arístegui J.2008.

22 Title: Mesoscale and regional variability in organic matter composition: sources vs degradation

Name of the conference: IMBER- IMBIZO Symposium: Integrating biogeochemistry and ecosystems in a changing ocean.

City of the publishing body: Miami, United States of America

Date of the event: 11/2008

Alonso-González I.J.; J. Arístegui; T. Calafat; C. Lee.2008.

23 Title: Canary Current Upwelling: does geography make the difference?

Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches

City of the publishing body: Las Palmas G.C., Canarias, Spain

Date of the event: 06/2008

Arístegui J.; X.A. Alvarez Salgado; E.D. Barton; F. Figueiras; A. Hernandez-Guerra; S. Hernandez-Leon; S. Kifani; E Machu; E. Mason; C. Roy; A. Santos.2008.

24 Title: Dominant species within functional groups of Eastern Boundary upwelling ecosystems: what can we learn?

Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches

City of the publishing body: Las Palmas G.C., Canarias, Spain

Date of the event: 06/2008

Freón P.; C. Mullon; J. Arístegui; A. Bertrand; R. Crawford; M. Gibbons; L. Hutchings; H. Masski; J. Tam; J. Field; M. Ramdani; D. Checkley.2008.



- 25** **Title:** Linking microbial diversity and ecosystems function in offshore surface waters affected by upwelling waters: a review of approaches, previous work, and focus on the Canary Upwelling Waters and the central Atlantic Ocean
Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 06/2008
Gasol J.M.; L. Alonso-Saez; O. Sanchez; D. Vaqué; J. Arístegui.2008.
- 26** **Title:** Phytoplankton and primary production variability along the NW Africa-Canary Islands coastal transition zone
Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 06/2008
Figueiras F.; B. Arbones; J. Arístegui.2008.
- 27** **Title:** Seasonal vs mesoscale variability in the abundance, distribution and trophic structure of nano- and picoplankton communities along the NW Africa-Canary Islands transition zone
Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 06/2008
Baltar F.; J. Arístegui; MF. Montero; M. Espino; M. García-Muñoz; J. Gasol; G. Herndl.2008.
- 28** **Title:** The IMBER Programme
Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches”
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 06/2008
Arístegui J.2008.
- 29** **Title:** Variability in the water-column respiration across the NW Africa-Canary Current coastal transition zone
Name of the conference: International Symposium Eastern boundary upwelling ecosystems: integrative and comparative approaches
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 06/2008
Alonso-González I.J.; J. Arístegui; JC. Vilas; M. Montero; M. Espino.2008.
- 30** **Title:** The dark ocean: changing paradigms in a changing ocean – An IMBER Challenge
Name of the conference: IGBP meeting
City of the publishing body: Cape Town, South African Republic
Date of the event: 05/2008
Arístegui J.; J.M. Gasol; D.A. Hansell; G.J. Herndl; T.F. Thingstad.2008.
- 31** **Title:** Patterns in microbial abundance and activity in the deep ocean: a meta-analysis of our current knowledge
Name of the conference: Workshop Internacional: Shedding light on the dark ocean: breaking paradigms in biogeochemistry, diversity and plankton metabolism in the meso- and bathypelagic realm
City of the publishing body: Noordwijkerhout, Holland
Date of the event: 02/2008
Organising body: Euroceans



Gasol J.M.; J. Arístegui; F. Baltar; C.M. Duarte; G.C. Herndl.2008.

- 32** **Title:** Suspended POM: A major unaccounted carbon sink in the ocean?
Name of the conference: Workshop Internacional: Shedding light on the dark ocean: breaking paradigms in biogeochemistry, diversity and plankton metabolism in the meso- and bathypelagic realm Noordwijkerhout, Netherlands, financiado por Euroceans.
City of the publishing body: Noordwijkerhout, Holland
Date of the event: 02/2008
Organising body: Euroceans
Aristegui J.2008.
- 33** **Title:** Impact of viruses and protists on bacteria associated with eddies in the subtropical NE Atlantic
Name of the conference: Gordon Conference – Marine Microbes
City of the publishing body: Lucca, Barga, Italy
Date of the event: 01/2008
Boras J.A.; D. Vaqué; F. Baltar; J. Arístegui.2008.
- 34** **Title:** Dynamics of ectoenzymatic activity in the deep water masses of the northeast Atlantic Ocean
Name of the conference: 10th Symposium on Aquatic Microbial Ecology
City of the publishing body: Faro, Portugal
Date of the event: 09/2007
Baltar F.; E. Sintés; J. Arístegui; G.J. Herndl.2007.
- 35** **Title:** Los programas marinos del IGBP: Globex, Imber, Solas, LOICZ
Name of the conference: Simposium Globec-Imber
City of the publishing body: Valencia, Spain
Date of the event: 03/2007
Ríos A.F.; F. Echevarría; J. Arístegui; R. Simó; J.L. Pérez-Llorens. 2007.
- 36** **Title:** Simulation of annual cycles of phytoplankton, zooplankton and nutrients to the south of Gran Canaria Island, using a mixed-layer model coupled with a biological model
Name of the conference: Simposium Globec-Imber
City of the publishing body: Valencia, Spain
Date of the event: 03/2007
Troupin Ch.; P. Sangrá; J. Arístegui.2007.
- 37** **Title:** Surface-depth and coastal-ocean gradients in diversity and activity of prokaryotes in the Canary CTZ region
Name of the conference: Simposium Globec-Imber
City of the publishing body: Valencia, Spain
Date of the event: 03/2007
Baltar F.; J. Arístegui; G.J. Herndl; J.M. Gasol; S. Hernández-León. 2007.
- 38** **Title:** Suspended POC transport and consumption in surface and deep waters of the Canary Current: a box-model study.
Name of the conference: Simposium Globec-Imber
City of the publishing body: Valencia, Spain
Date of the event: 03/2007
Alonso I.J.; J. Arístegui; A. Hernández-Guerra; J.C. Vilas.2007.



- 39** **Title:** Satellite-derived near-surface chlorophyll a distributions at Sedlo and Seine Seamounts (NE Atlantic) using Seawifs and MODIS imagery: Comparison with in situ data
Name of the conference: AGU Fall Meeting
City of the publishing body: San Francisco, CA, United States of America
Date of the event: 12/2006
Martins A.; A. Mendonça; M. Figueiredo; I. Bashmachnikov; A. Couto; J.C. Vilas; J. Aristegui.2006.
- 40** **Title:** Os montes submarinos: um oásis no meio do oceano?
Name of the conference: Jornadas 2006 - OS OCEANOS: Uma Plataforma para o Entendimento
City of the publishing body: Lisboa, Portugal
Date of the event: 11/2006
Mendonça A.; A. Martins; I. Bashmachnikov; M. Figueiredo; A. Couto; J. Aristegui.2006.
- 41** **Title:** Bacterial diversity and carbon processing along a productivity gradient in the subtropical Northeast Atlantic Ocean
Name of the conference: American Society of Limnology and Oceanography Meeting
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Alonso-Saez L.; J.M. Gasol; J.C. Vilas; J. Aristegui; J. Pinhassi; L. Gomez-Consamau; D. Vaqué; C.M. Duarte; S. Agusti.2005.
- 42** **Title:** Contribution of upwelling filaments to the ocean carbon cycle
Name of the conference: American Society of Limnology and Oceanography Meeting
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Alvarez-Salgado X.A.; J. Arístegui; E.D. Barton; D.A. Hansell; P. Wheeler.2005.
- 43** **Title:** Mesopelagic prokaryotes support high respiration in the subtropical Northeast Atlantic Ocean
Name of the conference: American Society of Limnology and Oceanography Meeting
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Aristegui J.; C.M. Duarte; J.M. Gasol; L. Alonso-Saez; J.C. Vilas.2005.
- 44** **Title:** Variability in organic matter distribution and remineralization rates around two Atlantic seamounts
Name of the conference: American Society of Limnology and Oceanography Meeting
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Vilas J.C.; M. Espino; C. Gutierrez; I. Polo; A. Mendonça; J. Aristegui.2005.
- 45** **Title:** Variability in plankton community structure and metabolism around two seamounts.
Name of the conference: American Society of Limnology and Oceanography Meeting.
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Mendonca A.; J.C. Vilas; C. Lobato; M. Espino; I. Polo; M.F. Montero; J. Aristegui; A. Martins.2005.
- 46** **Title:** Wakes, eddies and larvae around the Canary Islands
Name of the conference: American Society of Limnology and Oceanography Meeting
City of the publishing body: Galicia, Spain
Date of the event: 06/2005
Barton E.D.; J.M. Rodriguez; J. Arístegui.2005.



- 47** **Title:** Measurement of growth and respiration in the dark ocean
Name of the conference: American Society of Limnology and Oceanography/The Oceanography Society Meeting
City of the publishing body: Hawaii, United States of America
Date of the event: 02/2004
Reinthal T.; J. Arístegui; PJ LeB Williams; GL Herndehl; C. Robinson.2004.
- 48** **Title:** The Canary Islands area of filament-eddy exchanges (AFEX)
Name of the conference: American Society of Limnology and Oceanography/The Oceanography Society Meeting
City of the publishing body: Hawaii, United States of America
Date of the event: 02/2004
Arístegui J.; Barton E.D.2004.
- 49** **Title:** The Canary CTZ region: a carbon source and an offshore pump
Name of the conference: An Appreciation of 50 years of the Study of Primary Production in Oceans and Lakes
City of the publishing body: Bangor, Gales, United Kingdom
Date of the event: 03/2002
Arístegui J.; M.F. Montero; M. García Muñoz; E.D. Barton.2002.
- 50** **Title:** Respiration and organic carbon inputs to the mesopelagic ocean
Name of the conference: American Society of Limnology and Oceanography. Aquatic Sciences Meeting
City of the publishing body: Hawaii, United States of America
Date of the event: 02/2002
Duarte C.M.; J. Arístegui; S. Agustí.2002.
- 51** **Title:** GLOBEC: The Canary Current System
Name of the conference: I Simposio GLOBEC
City of the publishing body: Andalucía, Spain
Date of the event: 11/2001
Hernández-León S.; y otros.2001.
- 52** **Title:** Mejora del modelo de Bricaud y Stramski sobre los espectros de fitoplancton y detrito
Name of the conference: Taller y Tertulia en Oceanografía.
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 11/2000
Fraile E.; J. Arístegui; G. Basterretxea.2000.
- 53** **Title:** The biological pump in island eddies
Name of the conference: Taller y Tertulia en Oceanografía
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 11/2000
Arístegui J.2000.
- 54** **Title:** Respiratory activity of deep water microbial communities during cruise Antares 3, Southern Ocean
Name of the conference: Southern Ocean – JGOFS Symposium.
City of the publishing body: Brest, France
Date of the event: 07/2000
Arístegui J.; M. Denis; J. Almunia; D. Stephanie.2000.



- 55** **Title:** Lunar cycle of zooplankton biomass in subtropical waters: biogeochemical implications
Name of the conference: American Society of Limnology and Oceanography. Aquatic Sciences Meeting.
City of the publishing body: Copenhagen, Denmark
Date of the event: 06/2000
Hernández-León S.; y Otros.2000.
- 56** **Title:** Temporal and spatial uncoupling in primary production and respiration in the subtropical North Atlantic
Name of the conference: American Society of Limnology and Oceanography. Aquatic Sciences Meeting
City of the publishing body: Copenhagen, Denmark
Date of the event: 06/2000
Arístegui J.; Harrison W.G.2000.
- 57** **Title:** La región AFEX de Canarias: Implicaciones biogeoquímicas
Name of the conference: Taller y Tertulia en Oceanografía
City of the publishing body: Las Palmas G.C., Canarias,
Date of the event: 11/1999
Arístegui J.1999.
- 58** **Title:** Carbon system distribution during the Azores 1 cruise
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 09/1999
Pérez F.; M. Alvarez; A.F. Ríos; J. Arístegui; J. Escanez.1999.
- 59** **Title:** DCM Dynamics in Canaries waters
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 09/1999
Tett P.; J. Arístegui; Y Otros.1999.
- 60** **Title:** Phytoplankton primary production and respiration balance in the upwelling-canary coastal transition zone region
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 09/1999
Arístegui J.; y Otros.1999.
- 61** **Title:** Upwelling, filaments, eddies and wakes in the Canaries Region
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 09/1999
Barton E.D.; J. Arístegui; y Otros.1999.
- 62** **Title:** Carbonic system distribution in the Azores region
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Vigo, Galicia, Spain
Date of the event: 02/1999
Alvárez M.; A.F. Ríos; J. Arístegui; F.F. Pérez.1999.



- 63** **Title:** Cruise Fax-9908: filaments and fluxes
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Vigo, Galicia, Spain
Date of the event: 02/1999
Aristegui J.1999.
- 64** **Title:** Interaction of the Cabo Juby filament with the Canaries eddies
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Vigo, Galicia, Spain
Date of the event: 02/1999
Barton E.D.; J. Arístegui; y Otros.1999.
- 65** **Title:** Primary production and respiration balance in the upwelling-Canary coastal transition zone region
Name of the conference: Canary Islands, Gibraltar, Azores Observations (CANIGO) Meeting
City of the publishing body: Vigo, Galicia, Spain
Date of the event: 02/1999
Arístegui J.; y Otros.1999.
- 66** **Title:** Ondas internas de marea en el talud insular de Gran Canaria
Name of the conference: Taller y Tertulia en Oceanografía.
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 11/1998
Sangrá P.; G. Basterretxea; J.L. Pelegrí; J. Arístegui.1998.
- 67** **Title:** Biophysical modelling of mesoscale structures encountered southwest of Gran Canaria Island
Name of the conference: Conference of the World Ocean Circulation Experiment (WOCE)
City of the publishing body: Halifax, Canada
Date of the event: 08/1998
Menvielle S.; P. Sangrá; J. Arístegui.1998.
- 68** **Title:** Marine bacterial activity; quantification of CTC fluorescence by flow and imaging cytometry
Name of the conference: International Symposium on Microbial Ecology
City of the publishing body: Halifax, Canada
Date of the event: 08/1998
Sieracki M.; T. Nicinski; T. Cucci; E. Thier; J. Arístegui.1998.
- 69** **Title:** The perturbation of the Canary Current by the Canary Archiplago
Name of the conference: Conference of the World Ocean Circulation Experiment (WOCE)
City of the publishing body: Halifax, Canada
Date of the event: 08/1998
Hernández Guerra A.; J. Arístegui; y Otros.1998.
- 70** **Title:** Internal consistency carbonate system measurements. en Le Groupe Cither-3. Recueil de données
Name of the conference: Rapport Interne LPO
Date of the event: 03/1998
Ríos A.F.; L.S. Bingler; T. Rellán; J. Arístegui.3: Traceurs Géochimi - 03),, 1998.
- 71** **Title:** Total inorganic carbon measurements in the South Atlantic (WOCE sections A14 and A13). en Le Groupe Cither-3. Recueil de données
Name of the conference: Rapport Interne LPO
Date of the event: 03/1998



Bingler L.S.; J. Arístegui; M. González-Dávila. 3: Traceurs Géochimi, 1998.

- 72** **Title:** Application of a model of the upper ocean coupled to a biological model in the Canary area
Name of the conference: XXVI Reunion bienal de la Real Sociedad Española de Física
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 01/1997
Menvielle S.; P. Sangrá; J. Arístegui.1997.
- 73** **Title:** Upwelling, downwelling and cross-slope exchanges in the Canary Current
Name of the conference: 3rd EU Conference, Exchange Processes at the Continent/Ocean Margin in the North Atlantic.
City of the publishing body: Vigo, Galicia, Spain
Date of the event: 01/1997
Barton E.D.; J. Arístegui; E. Navarro-Pérez; G. Basterretxea.1997.
- 74** **Title:** Influencia del transporte advectivo de masas de agua sobre la distribución espacial y el metabolismo del plancton en el Estrecho de Bransfield (Océano Antártico)
Name of the conference: VI Simposio Español de Estudios Antárticos
City of the publishing body: Madrid, Spain
Date of the event: 09/1996
Arístegui J.; y Otros.1996.
- 75** **Title:** Ecohydrodynamical study of the Canarian Marine System associated with mesoscale oceanographic structures
Name of the conference: UK Oceanography Symposia
City of the publishing body: Bangor, United Kingdom
Date of the event: 01/1996
Menvielle S.; P. Sangrá; J.L. Pelegrí; J. Arístegui.1996.
- 76** **Title:** Microplankton respiration increases due to flow perturbation by islands
Name of the conference: European Geophysical Society Meeting
City of the publishing body: Grenoble, France
Date of the event: 03/1994
Arístegui J.; M.F. Montero.1994.
- 77** **Title:** Microplankton respiration around the Canary Islands
Name of the conference: Final Mast Project 0031 Workshop
City of the publishing body: Las Palmas G.C., Canarias, Spain
Date of the event: 01/1994
Montero M.F.; J. Arístegui.1994.
- 78** **Title:** Metabolismo respiratorio del microplancton en aguas de la Península Antártica
Name of the conference: Vº Simposio de Estudios Antárticos
City of the publishing body: Barcelona, Cataluña, Spain
Date of the event: 10/1993
Arístegui J.; N.M. Montero.1993.
- 79** **Title:** Modelos de producción primaria en el Estrecho de Bransfield
Name of the conference: Vº Simposio de Estudios Antárticos
City of the publishing body: Barcelona, Cataluña, Spain
Date of the event: 10/1993



Basterretxea G.; J. Arístegui.1993.

- 80** **Title:** Relationship between mesoscale variability on the Canary Current and the distribution of bacteria, cyanobacteria and flagellates
Name of the conference: VI International Symposium on Microbial Ecology
City of the publishing body: Barcelona, Cataluña, Spain
Date of the event: 11/1992
Ballesteros S.; J. Arístegui.1992.
- 81** **Title:** Carbon, oxygen and nitrogen metabolism of microplankton during a spring bloom in the Baltic Sea
Name of the conference: International Council for the Exploration of the Sea
City of the publishing body: Warnemünde, Germany
Date of the event: 09/1992
Arístegui J.; W. Kaiser; M.F. Montero.1992.
- 82** **Title:** Response of size-fractionated plankton metabolism to upwelling events on the wake of a subtropical oceanic island (Gran Canaria)
Name of the conference: Symposium of Measurement of Primary Production from the Molecular to the Global Scale. ICES
City of the publishing body: La Rochelle, France
Date of the event: 04/1992
Arístegui J.; M.F. Montero; G. Basterretxea; S. Ballesteros; R. Vanderschuur.1992.
- 83** **Title:** The influence of hydrography on the seasonal distribution of chlorophyll around the Canary Islands
Name of the conference: MAST 0031 workshop meeting
City of the publishing body: Santa Cruz Tenerife, Canarias, Spain
Date of the event: 02/1992
Arístegui J.; M. Rodríguez; K. Van Lenning.1992.
- 84** **Title:** The biological Pump in island-induced eddies
Name of the conference: Primary Productivity and Biogeochemical cycles in the Sea. Brookhaven National Laboratory
City of the publishing body: United States of America
Date of the event: 06/1991
Arístegui J.; y Otros.1991.
- 85** **Title:** The influence of Mesoscale eddies on the productivity of the Canary Island waters
Name of the conference: Annual meeting, American Society of Limnology and Oceanography
City of the publishing body: Halifax, United States of America
Date of the event: 06/1991
Arístegui J.; y Otros.1991.
- 86** **Title:** First Meeting to write the Implementation Plan for the Joint Global Ocean Flux Studies (JGOFS)-Time-Series Stations
Name of the conference: First Meeting to write the Implementation Plan for the Joint Global Ocean Flux Studies (JGOFS)-Time-Series Stations
City of the publishing body: Bremen, Germany
Date of the event: 01/1991
1991.



- 87** **Title:** A Mesoscale cold-core eddy in the Canary Islands: physical and biological characterization
Name of the conference: I Congreso sobre Oceanografía y Recursos Marinos en el Atlántico Centro-Oriental
City of the publishing body: Telde, Canarias,
Date of the event: 11/1990
Aristegui J.; y Otros.1990.
- 88** **Title:** Abundancia y distribución de cianobacterias en aguas de Canarias
Name of the conference: I Congreso sobre Oceanografía y Recursos Marinos en el Atlántico Centro-Oriental
City of the publishing body: Telde, Canarias, Spain
Date of the event: 11/1990
Ballesteros S.; J. Arístegui.1990.
- 89** **Title:** Biological consequences of internal waves: a case study in slope waters of Gran Canaria Island
Name of the conference: I Congreso sobre Oceanografía y Recursos Marinos en el Atlántico Centro-Oriental
City of the publishing body: Telde, Canarias, Spain
Date of the event: 11/1990
Aristegui J.; y Otros.1990.
- 90** **Title:** Respiration and Electron Transport System activity (ETS) in microplankton around Gran Canaria Island
Name of the conference: I Congreso sobre Oceanografía y Recursos Marinos en el Atlántico Centro-Oriental
City of the publishing body: Telde, Canarias, Spain
Date of the event: 11/1990
Montero M.F.; J. Arístegui.1990.
- 91** **Title:** The influence of eddies on oxygen metabolism of size-fractionated plankton from the waters around the Canary Islands
Name of the conference: I Congreso sobre Oceanografía y Recursos Marinos en el Atlántico Centro-Oriental
City of the publishing body: Telde, Canarias, Spain
Date of the event: 11/1990
Vandershuur R.; J. Arístegui; M.F. Montero.1990.
- 92** **Title:** Factors affecting the vertical distribution of phytoplankton in coastal waters off Gran Canaria Island (Canary Islands)
Name of the conference: 23rd European Marine Biology Symposium
City of the publishing body: Gales, United Kingdom
Date of the event: 09/1988
Aristegui J.; y Otros.1988.
- 93** **Title:** The influence of the North Trade Winds on the biomass and production of neritic plankton around Gran Canaria
Name of the conference: 22nd European Marine Biology Symposium
City of the publishing body: Barcelona, Cataluña, Spain
Date of the event: 08/1987
Aristegui J.; y Otros.1987.



- 94** **Title:** El género Celleporina Gray, 1848 en Canarias: consideraciones sobre la distribución de *C. hassallii* (Johnston, 1847) y *C. costazi* (Audouin, 1826)
Name of the conference: Vº Simposio Ibérico de Estudios del Bentos Marino.
City of the publishing body: Santa Cruz Tenerife, Canarias, Spain
Date of the event: 09/1986
Aristegui J. 1986.
- 95** **Title:** Especies nuevas de Briozoos en Canarias
Name of the conference: Vº Simposio Ibérico de Estudios del Bentos Marinos
City of the publishing body: Santa Cruz Tenerife, Canarias, Spain
Date of the event: 09/1986
Aristegui J. 1986.
- 96** **Title:** Fauna de Briozoos Quilostomados (Ectoprocta, Cheilostomata) de Canarias
Name of the conference: IVº Simpósio Ibérico de Estudos do Benthos Marinho
City of the publishing body: Lisboa, Portugal
Date of the event: 05/1984
Aristegui J. 1984.
- 97** **Title:** El poblamiento de los fondos de *Dendrophyllia ramea* (Anthozoa, Scleractinia) en las Islas Canarias
Name of the conference: IIIº Simposio Ibérico de Estudios del Bentos Marino.
City of the publishing body: Pontevedra, Galicia, Spain
Date of the event: 10/1982
Aristegui J. 1982.

Experiences transferred

Scientific consultancies or companies

- 1** **Committee title:** Contributing author del "Intergovernmental Panel on Climate Change (IPCC); Chapter 6"
- 2** **Committee title:** Coordinador Nacional del Proyecto del IGBP IMBER (Integrated Marine Biogeochemical and Ecological Research)
- 3** **Committee title:** Miembro de la Comisión de Expertos del Plan Nacional de I+D (Recursos Marinos)
- 4** **Committee title:** Miembro de la Red Europea de Excelencia en Ciencias Marinas EUROCEANS.
- 5** **Committee title:** Miembro del Comité Técnico de Construcción del B/O Sarmiento de Gamboa (como representante del MEC)
- 6** **Committee title:** Miembro del Committee for the Implementation Plan of the IMBER-SOLAS Carbon Cycle, IGBP/SCOR.



- 7** **Committee title:** Miembro del SC del Proyecto IGBP SOLAS (Surface-Ocean Lower-Atmosphere Interactions).
- 8** **Committee title:** Miembro del Steering Committee for the Implementation Plan of the JGOFS-Time Series Stations, JGOFS/SCOR
- 9** **Committee title:** Vicechair del Steering Committee Internacional del Proyecto del IGBP IMBER (Integrated Marine Biogeochemical and Ecological Research).

Experience organising R&D activities

- 1** **Title:** 45rd International Liege Colloquium on Ocean Dynamics
Type of activity: Simposio **Area of the activity:** Non EU International
Convening body: Université de Liege - UE
City: Liege, Belgium
Your role: Organiser
Start date: 05/2013
- 2** **Title:** 43rd International Liege Colloquium on Ocean Dynamics
Type of activity: Simposio **Area of the activity:** Non EU International
Convening body: Université de Liege - UE
City: Liege, Belgium
Your role: Organiser
Start date: 05/2011
- 3** **Title:** Ecological and biogeochemical interactions in the mesopelagic zone
Type of activity: Simposio **Area of the activity:** Non EU International
Convening body: IMBER-IMBIZO
City: Miami, United States of America
Your role: Organiser
Start date: 11/2008 , 7 days
- 4** **Title:** Eastern Boundary Upwelling Systems: Integrative and Comparative Approaches
Type of activity: Simposio **Area of the activity:** Non EU International
Convening body: EUROCEANS (UE-MAST)
City: Las Palmas de Gran Canaria, Spain
Your role: Organiser
Start date: 06/2008 , 7 days
- 5** **Title:** Shedding light on the dark ocean: breaking paradigms in biogeochemistry, diversity and plankton metabolism in the meso- and bathypelagic realm
Type of activity: Workshop **Area of the activity:** European Union
Convening body: EUROCEANS (UE)
City: Noordwijkerhout, Holland
Your role: Organiser
Start date: 02/2008 , 7 days



- 6** **Title:** Simposio GLOBEC-IMBER España
Type of activity: Simposio **Area of the activity:** National
Convening body: MINISTERIO DE EDUCACION Y CIENCIA
City: Valencia, Spain
Your role: Organiser
Start date: 03/2007 , 7 days
- 7** **Title:** Taller y Tertulia en Oceanografía
Type of activity: Seminario **Area of the activity:** National
Convening body: Universidad de las Palmas de Gran Canaria **Type of body:** University
City: Las Palmas de Gran Canaria, Spain
Your role: Organiser
Start date: 11/1999 , 15 days
- 8** **Title:** Taller y Tertulia en Oceanografía
Type of activity: Seminario **Area of the activity:** National
Convening body: Universidad de las Palmas de Gran Canaria **Type of body:** University
City: Las Palmas de Gran Canaria, Spain
Your role: Organiser
Start date: 11/1998 , 15 days
- 9** **Title:** Advanced Study Course on Upwelling Ecosystems (Atlantic Ocean Eastern Boundary)
Type of activity: Curso **Area of the activity:** European Union
Convening body: Unión Europea (MAST) - EIASO
City: Las Palmas de Gran Canaria, Spain
Your role: Organiser
Start date: 07/1995 , 20 days

R&D management experience

- 1** **Title / name of the activity:** Director del Instituto de Oceanografía y Cambio Global (ULPGC)
Type of management: Management of body
Responsibility held: Gestión del Instituto
Body where project took place: Universidad de las Palmas de Gran Canaria **Type of body:** University
Start date: 2011, 1 year
- 2** **Title / name of the activity:** Coordinador del Grupo de Investigación Oceanografía Biológica
Type of management: Group management
Responsibility held: Gestión de grupo
Body where project took place: Universidad de las Palmas de Gran Canaria **Type of body:** University
Start date: 1990, 22 years

Experience in assessment and review of R&D&I projects and articles

- 1 Responsibility held:** Evaluador de Proyectos de Investigación para el Earth and Life Science Council (ALW; Holanda)
- 2 Responsibility held:** Evaluador de Proyectos de Investigación para el Natural Environmental and Research Council (NERC; UK)
- 3 Responsibility held:** Evaluador de Proyectos de Investigación para la Agencia Andaluza de la Evaluación de la Calidad y Acreditación Universitaria
- 4 Responsibility held:** Evaluador de Proyectos de Investigación para la Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT) de Argentina
- 5 Responsibility held:** Evaluador de Proyectos de Investigación para la National Science Foundation (NSF; USA)
- 6 Responsibility held:** Evaluador de Proyectos de investigación de la Unión Europea. Programa MAST
- 7 Responsibility held:** Evaluador de la Agencia Nacional de Evaluación y Prospectiva
- 8 Responsibility held:** Evaluador de revistas científicas: Aquatic Microbial Ecology; Biogeosciences; Boletín del IEO; Coastal, Estuarine and Shelf Science; Continental Shelf Research; Deep-Sea Research I y II; Geophysical Research Letters; Global Change Biology; Hydrobiologia; Journal of Experimental Marine Biology and Ecology; Journal of Geophysical Research; Journal of Marine Biology; Journal of Marine Systems; Journal of Plankton Research; Journal of Sea Research; Limnology and Oceanography; Limnology and Oceanography (Methods); Marine Biology; Microbial Ecology; Marine Ecology Progress Series; Polar Biology; Proceedings of the National Academy of Sciences; Progress in Oceanography; Science; Scientia Marina; The ISME Journal
- 9 Responsibility held:** Evaluador para la Agencia Catalana de Investigación (ICREA)

Other credits

Residencies in R&D&I centres or companies in your own country or abroad

- 1** **Body where project took place:** Universidad de Concepción, Chile
City: Dichato y Concepción, Chile
Start date: 10/2008 , 15 days
Aim of the residency: Guest
Provable tasks: Proyecto sobre afloramiento costero con la Dra Carmen Morales
- 2** **Body where project took place:** Universidad de Québec at Montreal
City: Montreal, Canada
Start date: 10/2003 , 15 days
Name of programme: Realización de experimentos de metabolismo microbiano con el Dr. Paul del Giorgio.
Aim of the residency: Guest
Provable tasks: Experimentos de metabolismo microbiano en lagos con el Dr. Paul del Giorgio
- 3** **Body where project took place:** Bigelow Laboratory for Ocean Sciences, Maine, Estados Unidos.
City: Bigelow, United States of America
Start date: 06/1997 , 15 days
Name of programme: Aprendizaje de técnicas de citometría de flujo y realización de experimentos de respiración bacteriana con CTC , con los Drs. M. Sieracki y T. Cucci
Aim of the residency: Guest
Provable tasks: Curso de Citometría de Flujo con Drs Sieracki y Cucci
- 4** **Body where project took place:** Brookhaven National Laboratory, Long Island, Estados Unidos.
City: New York, United States of America
Start date: 06/1996 , 15 days
Name of programme: Aprendizaje de técnicas de medición de CO2 por culombimetría con el Dr. Kenneth Johnson.
Aim of the residency: Guest
Provable tasks: Aprendizaje técnicas de medición de CO2 por culombimetría con Dr. K. Johnson
- 5** **Body where project took place:** Instituto de Ciencias del Mar y Limnología, Mazatlán.
City: Mazatlán, Mexico
Start date: 01/1991 , 60 days
Name of programme: Estudio sobre producción
Aim of the residency: Guest
Provable tasks: Estancia y Campaña oceanográfica en Golfo de California con Dr. O. Calvario.
Metabolismo microbiano
- 6** **Body where project took place:** British Museum (Natural History), Dept. of Zoology, Bryozoa Section.
City: London, United Kingdom
Start date: 07/1985 , 30 days
Name of programme: Estudio sobre
Aim of the residency: Post-doctoral
Provable tasks: Estudio comunidades de Briozoos



- 7** **Body where project took place:** British Museum (Natural History), Dept. of Zoology, Bryozoa Section.
City: London, United Kingdom
Start date: 04/1980 , 60 days
Name of programme: Estudio sobre
Aim of the residency: Predoctoral
Provable tasks: Estudio sobre comunidades de Briozoos

Collection of other credits.

- 1** **Description credits:** Campaña Oceanográfica. BIMBACHE-3 (RV Ramón Margalef), El Hierro Island, volcano (1 week)
Date of credit: 2011
- 2** **Description credits:** Campaña Oceanográfica. BIMBACHE-5 (RV Ramón Margalef), El Hierro Island, volcano (1 week)
Date of credit: 2011
- 3** **Description credits:** Campaña Oceanográfica. MALASPINA 2010 (R/V Hespérides), Indian Ocean, Australia (3 weeks)
Date of credit: 2011
- 4** **Description credits:** Campaña Oceanográfica. CAIBEX-3 (R/V Sarmiento de Gamboa); NE Atlantic (1 month, Chief Scientist)
Date of credit: 2009
- 5** **Description credits:** Campaña Oceanográfica. RODA-2 (R/V Hespérides) : NE Atlantic (1 month)
Date of credit: 2007
- 6** **Description credits:** Campaña Oceanográfica. RODA-1 (R/V Hespérides) : NE Atlantic (1 month, Chief Scientist)
Date of credit: 2006
- 7** **Description credits:** Campaña Oceanográfica. RODA-Fondeo (R/V García del Cid) : Canary Islands (2 cruises x 1 week)
Date of credit: 2006
- 8** **Description credits:** Campaña Oceanográfica. ICEPOS (R/V Hespérides) : Antarctic Ocean (1 month)
Date of credit: 2004
- 9** **Description credits:** Campaña Oceanográfica. COCA-2 (R/V Hespérides) : NE Atlantic (1 month)
Date of credit: 2003
- 10** **Description credits:** Campaña Oceanográfica. COCA-1 (R/V Hespérides) : NE Atlantic (1 month, Chief Scientist)
Date of credit: 2002
- 11** **Description credits:** Campaña Oceanográfica. FAX (R/V Hespérides) : NE Atlantic (1 month; Chief Scientist)
Date of credit: 1999



- 12 Description credits:** Campaña Oceanográfica. E-DOVETAIL (R/V Hespérides) : Antarctic Ocean (5 weeks)
Date of credit: 1998
- 13 Description credits:** Campaña Oceanográfica. FRENTE (R/V García del Cid) : Canary Region (3 weeks; Chief Scientist)
Date of credit: 1998
- 14 Description credits:** Campaña Oceanográfica. ANTARES MD/102 (R/V Marion Dufresne II) : Antarctic Ocean (6 weeks)
Date of credit: 1995
- 15 Description credits:** Campaña Oceanográfica. WOCE-A13 (R/V L'Atalante) : South Atlantic (5 weeks)
Date of credit: 1995
- 16 Description credits:** Campaña oceanográfica. OIMAC (R/V Taliarte) : Canary Region (2 weeks; Chief Scientist)
Date of credit: 1994
- 17 Description credits:** Campaña Oceanográfica. BIOANTAR-93 (R/V Hespérides) : Antarctic Ocean (6 weeks)
Date of credit: 1993
- 18 Description credits:** Campaña Oceanográfica. MAST-9308 (R/V Hespérides) : NE Atlantic (1 month, Chief Scientist)
Date of credit: 1993
- 19 Description credits:** Campaña Oceanográfica. HUDSON-92-037 (R/V Hudson) : North Atlantic (5 weeks)
Date of credit: 1992
- 20 Description credits:** Campaña Oceanográfica. BAP-91 (R/V El Puma) : Gulf of California (2 weeks)
Date of credit: 1991
- 21 Description credits:** Campaña Oceanográfica. BRANSFIELD-9112 (R/V Hespérides) : Antarctic Ocean (6 weeks)
Date of credit: 1991
- 22 Description credits:** Campaña Oceanográfica. EMIAC-9103 (R/V García del Cid) : Canary Region (2 weeks)
Date of credit: 1991
- 23 Description credits:** Campaña Oceanográfica. MAST-9110 (R/V Ignat Pavlyuchenkov) : Canary Region (3 weeks)
Date of credit: 1991
- 24 Description credits:** Campaña Oceanográfica. BALTEX-90 (R/V Alexander von Humboldt) : Baltic Sea (3 weeks)
Date of credit: 1990



- 25** **Description credits:** Campaña Oceanográfica. EMIAC-9006 (R/V García del Cid) : Canary Region (2 weeks)
Date of credit: 1990
- 26** **Description credits:** Campaña Oceanográfica. FRONTS-90 (R/V García del Cid) : Mediterranean Sea (2 weeks)
Date of credit: 1990
- 27** **Description credits:** Campaña Oceanográfica. RHODIBER-90 (R/V García del Cid) : Mediterranean Sea (2 weeks)
Date of credit: 1990
- 28** **Description credits:** Campaña Oceanográfica. ATLEX-89 (R/V Alexander von Humboldt) : North Atlantic (1 month)
Date of credit: 1989
- 29** **Description credits:** Campaña Oceanográfica. ECOS-8605 (R/V Taliarte) : Canary Region (3 weeks)
Date of credit: 1986
- 30** **Description credits:** Complementos de productividad docente: 5 tramos (quinquenios)
Body conferring the credit: Universidad de las Palmas de Gran Canaria
- 31** **Description credits:** Sexenios de investigación: 4 tramos
Body conferring the credit: MINISTERIO DE EDUCACION Y CIENCIA