



Aitor Albaina Vivanco

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Summary of CV

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

Soy Doctor Europeo (Sobresaliente Cum Laude, 20/07/2007) en Ciencias Biológicas (Ecología) por la Universidad del País Vasco (UPV/EHU) con un trabajo sobre Oceanografía Biológica en la Fundación AZTI-Tecnalia. Posteriormente, disfrute de una beca postdoctoral de 2 años sobre Ecología Molecular en la Universidad de Gales en Bangor (Reino Unido; Molecular Ecology and Fisheries Genetics Laboratory). Desde Marzo de 2010 a Julio de 2015 trabajé aplicando herramientas moleculares en Ecología Marina en el Departamento de Genética de la UPV/EHU donde también he impartido docencia de Grado y Máster. Desde Julio de 2015 hasta Enero de 2021 trabajé como Técnico Superior en proyectos de Ecología Urbana en el área de Información e Innovación para la Sostenibilidad del Centro de Estudios Ambientales (CEA) del Ayuntamiento de Vitoria-Gasteiz, donde coordinaba los proyectos europeos en que participaba el CEA. Desde el 22 de Enero de 2021 soy profesor adjunto en el Departamento de Zoología y Biología Celular Animal (área de conocimiento: Zoología) de la UPV/EHU. Actualmente formo parte del Grupo Consolidado tipo A del Gobierno Vasco IT1571-22 “Genes, Poblaciones, Ecosistemas: Investigación Fundamental y Aplicada” en la UPV/EHU; mis líneas de investigación principales se centran en la aplicación de taxonomía tradicional y molecular para determinar el papel del zooplancton en el ecosistema marino (ecología de comunidades, ecología trófica y gestión ecosistémica de pesquerías) y, en general, en el estudio de la biodiversidad mediante la aplicación de técnicas moleculares. Desde el 1 de enero de 2023, y por un mandato de tres años, presido el Grupo de Trabajo sobre Taxonomía Morfológica y Molecular Integrada (WGIMT; Working Group on Integrated Morphological and Molecular Taxonomy) del ICES/CIEM (International Council for the Exploration of the Sea / Consejo Internacional para la Exploración del Mar).

Especialización (códigos UNESCO): 2401 biología animal (zoología), 2409 genética, 2510 oceanografía, 3105 peces y fauna silvestre.

Áreas de conocimiento: biología, ecología, zoología, genética.



General quality indicators of scientific research

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

En total he participado en más de 30 proyectos nacionales/internacionales con el resultado de más de 25 publicaciones científicas en revistas de reconocido prestigio y alto impacto en su área (como primer autor en una número importante de ellas; ORCID iD 0000-0003-3353-6090, https://www.researchgate.net/profile/Aitor_Albaina) y más de 40 comunicaciones a congresos.

Especialización (códigos UNESCO): 2401 biología animal (zoología), 2409 genética, 2510 oceanografía, 3105 peces y fauna silvestre.

Áreas de conocimiento: biología, ecología, zoología, genética.



Aitor Albaina Vivanco

Surname(s): Albaina Vivanco
Name: Aitor
ORCID: 0000-0003-3353-6090
Date of birth: 03/09/1978
Gender: Male
Nationality: Spain
Country of birth: Spain
Aut. region/reg. of birth: Basque Country
Contact province: Álava
City of birth: Vitoria-Gasteiz
Contact country: Spain
Contact aut. region/reg.: Basque Country
Contact city: Vitoria-Gasteiz
Email: aitor.albaina@ehu.eus
Personal web page: <https://www.researchgate.net/profile/Aitor-Albaina>

Current professional situation

Employing entity: Universidad del País Vasco **Type of entity:** University
Department: Zoología y Biología Celular Animal, Facultad de Ciencia y Tecnología
Professional category: Profesor Adjunto **Educational Management (Yes/No):** Yes (Zoología)
City employing entity: Leioa, Basque Country, Spain
Phone: (34) 946012000
Start date: 22/01/2021
Type of contract: Temporary employment **Dedication regime:** Full time contract
Primary (UNESCO code): 240100 - Animal Biology (Zoology)
Secondary (UNESCO code): 240106 - Animal ecology
Tertiary (UNESCO code): 251001 - Biological oceanography
Identify key words: Molecular biology; Zoology; Marine biodiversity; Ecology
Field of management activity: University

Previous positions and activities

	Employing entity	Professional category	Start date
1	Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz	Técnico Superior de la Administración Especial	21/07/2015
2	Fundación Euskampus - Euskampus Fundazioa	Técnico de proyecto	01/01/2015
3	Universidad del País Vasco	Personal Investigador Contratado Doctor	01/03/2010
4	Universidad del País Vasco (UPV/EHU)	Profesor sustituto	03/09/2012
5	Universidad de Bangor	Investigador postdoctoral	01/2008

	Employing entity	Professional category	Start date
6	Azti Tecnalia	Becario predoctoral	10/2001

- 1** **Employing entity:** Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz **Type of entity:** Public Research Body
Department: Centro de Estudios Ambientales, Ayuntamiento de Vitoria-Gasteiz
City employing entity: Vitoria-Gasteiz, Basque Country, Spain
Professional category: Técnico Superior de la Administración Especial **Educational Management (Yes/No):** No
Phone: (34) 945162696
Start-End date: 21/07/2015 - 21/01/2021 **Duration:** 5 years - 6 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 332908 - Urban environment
Secondary (UNESCO code): 332900 - Urban Planning
Tertiary (UNESCO code): 240100 - Animal Biology (Zoology)
Identify key words: Natural resources; Habitat and species restoration and rehabilitation; Ecosystem management
- 2** **Employing entity:** Fundación Euskampus - Euskampus Fundazioa **Type of entity:** Foundation
Department: Universidad del País Vasco
City employing entity: Leioa, Basque Country, Spain
Professional category: Técnico de proyecto **Educational Management (Yes/No):** No
Phone: (34) 946015503
Start-End date: 01/01/2015 - 20/07/2015 **Duration:** 6 months - 20 days
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 240900 - Genetics
Secondary (UNESCO code): 240100 - Animal Biology (Zoology)
Tertiary (UNESCO code): 251001 - Biological oceanography
Identify key words: Environmental genomics; Zoology; Biological oceanography; Ecology
- 3** **Employing entity:** Universidad del País Vasco **Type of entity:** University
Department: Departamento de Genética, Antropología y Fisiología Animal, Facultad de Ciencia y Tecnología
City employing entity: Lejona, Basque Country, Spain
Professional category: Personal Investigador Contratado Doctor
Phone: 946015503
Start-End date: 01/03/2010 - 31/12/2014 **Duration:** 4 years - 10 months
Type of contract: Temporary employment contract
Dedication regime: Full time
Primary (UNESCO code): 240106 - Animal ecology
Secondary (UNESCO code): 240903 - Population genetics
Tertiary (UNESCO code): 310500 - Fish and wildlife
Identify key words: Oceanography; Ecological genetics; Fisheries; Ecology
- 4** **Employing entity:** Universidad del País Vasco (UPV/EHU) **Type of entity:** University
Department: Genética, Antropología Física y Fisiología Animal, Facultad de Ciencias UPV/EHU
City employing entity: Leioa, Basque Country, Spain



Professional category: Profesor sustituto

Start-End date: 03/09/2012 - 03/09/2013

Type of contract: Temporary employment contract

Field of management activity: University

Educational Management (Yes/No): Yes

Duration: 1 year

5 Employing entity: Universidad de Bangor

Department: Molecular Ecology and Fisheries Genetics, School of Biological Sciences

City employing entity: Bangor, West Wales and The Valleys, United Kingdom

Professional category: Investigador postdoctoral

Start-End date: 01/2008 - 12/2009

Duration: 2 years

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Dedication regime: Full time

6 Employing entity: Azti Tecnalia

Professional category: Becario predoctoral

Start-End date: 10/2001 - 01/2007

Type of entity: Technological Centre

Duration: 5 years - 3 months



Education

University education

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

1 University degree: DEA

Name of qualification: Diploma de Estudios Avanzados en Biología Ambiental y Calidad de Vida

Degree awarding entity: Universidad del País Vasco **Type of entity:** University

Date of qualification: 11/2005

2 University degree: Higher degree

Name of qualification: Licenciado en Ciencias Biológicas

Degree awarding entity: Universidad del País Vasco

Date of qualification: 06/2001

Doctorates

Doctorate programme: Biología ambiental y calidad de vida

Degree awarding entity: Universidad del País Vasco **Type of entity:** University

Date of degree: 20/07/2007

European doctorate: Yes

Date of certificate: 20/07/2007

Thesis title: Relationships between mesoscale oceanographic structures and zooplankton communities in the Bay of Biscay-Relaciones entre las estructuras oceanográficas de mesoescala y las comunidades del zooplancton en el Golfo de Vizcaya

Thesis director: Xabier Irigoien Larrazabal

Thesis co-director: Fernando Villate Guinea

Obtained qualification: Sobresaliente Cum Laude

Other postgraduate university studies

Postgraduate qualification: Certificado de Aptitud Pedagógica (C.A.P.)

Degree awarding entity: Universidad Complutense **Type of entity:** University de Madrid

Date of qualification: 06/2003

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Basque	C1	C1	C1	C1	C1
English	C1	C1	C1	C1	C1

Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Fundamentos de Genómica, Proteómica y Bioinformática
Type of programme: Master's degree
University degree: Msc in Molecular Biology and Biomedicine
Start date: 12/2013 **End date:** 31/05/2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,8
Entity: Universidad del País Vasco **Type of entity:** University
- 2** **Type of teaching:** Official teaching
Name of the course: Evolución Molecular
Type of programme: Bachelor's degree
University degree: Grado de Biología
Frequency of the activity: 1
Start date: 09/2012 **End date:** 08/2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,5
Entity: Universidad del País Vasco **Type of entity:** University
- 3** **Type of teaching:** Official teaching
Name of the course: Genética
Type of programme: Bachelor's degree
Assessment type: Survey
University degree: Grado de Biología
Frequency of the activity: 1
Start date: 09/2012 **End date:** 08/2013
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 9,5
Entity: Universidad del País Vasco **Type of entity:** University
Assessment type: Survey
Mark obtained: 3.6 **Top mark possible:** 5
- 4** **Type of teaching:** Official teaching
Name of the course: Entomología
Type of programme: Bachelor's degree
Type of subject: Optional



Assessment type: Survey
University degree: Graduado o Graduada en Biología
Start date: 09/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1,7
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias
Department: Zoología y Biología Celular Animal
Assessment type: Survey
Subject language: Spanish

Type of entity: University

5 **Type of teaching:** Official teaching
Name of the course: ZOOLOGY
Type of programme: Bachelor's degree
Type of subject: Obligatory
Assessment type: Survey
University degree: Graduado o Graduada en Biología
Course given: 2
Start date: 09/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5,9
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencias
Department: Zoología y Biología Celular Animal
Assessment type: Survey
Subject language: English

Type of entity: University

6 **Type of teaching:** Official teaching
Name of the course: Biología
Type of programme: Bachelor's degree
Type of subject: Core
University degree: Grados de Química e Ingeniería Química
Start date: 25/01/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 8,4
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencia y Tecnología
Department: Zoología y Biología Celular Animal
City of entity: Leioa, Basque Country, Spain
Subject language: Spanish

Type of entity: University

7 **Type of teaching:** Official teaching
Name of the course: Zoogeografía
Type of programme: Bachelor's degree
Type of subject: Optional
University degree: Grado de Biología
Start date: 25/01/2021
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,5
Entity: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencia y Tecnología

Type of entity: University



Department: Zoología y Biología Celular Animal

City of entity: Leioa, Basque Country, Spain

Subject language: Spanish

- 8** **Type of teaching:** Official teaching
Name of the course: Genomics of marine resources
Type of programme: Master's degree
University degree: Erasmus Mundus Msc in Marine Environment and Resources
Start date: 04/2014
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 2,05
Entity: Universidad del País Vasco **Type of entity:** University

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Análisis de la biodiversidad de aves acuáticas nidificantes y su tendencia en el humedal de Salburua
Type of project: End of course project
Entity: Universidad del País Vasco **Type of entity:** University
Student: Joel Echeverría López
Obtained qualification: 8,6
Date of reading: 13/07/2022
- 2** **Project title:** METABARCODING ANALYSIS OF THE EUKARYOTIC PLANKTONIC COMMUNITIES OF THE BILBAO ESTUARY
Type of project: Doctoral thesis
Entity: Universidad del País Vasco **Type of entity:** University
City of entity: Leioa, Basque Country, Spain
Student: David Abad García
Obtained qualification: Sobresaliente Cum Laude
Identify key words: Genetics; Zoology; Environmental biology; Ecology
Date of reading: 31/05/2018
- 3** **Project title:** Impacto de la depredación sobre huevos de anchoa (*Engraulis encrasicolus* Linnaeus 1758) por el macrozooplancton en la zona de puesta del talud continental en el Golfo de Vizcaya
Type of project: Work leading to an ASD
Entity: Universidad de Cádiz **Type of entity:** University
Student: Unai Aldalur Iribar
Date of reading: 09/12/2014



Scientific and technological experience

Research and development groups/teams

Name of the group: "Análisis genómicos de la variación del ADN" GIC 10/58, Grupo de Investigación del Sistema Universitario Vasco (Grupo consolidado del Gobierno Vasco)

Affiliation entity: Universidad del País Vasco

Type of entity: University

Start date: 03/2010

Scientific or technological activities

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

- 1** **Name of the project:** Resilient beekeeping and breeding to safeguard natural genetic resources and pollination services (BEEGUARDS; Project ID: 101082073, HORIZON EUROPE)
Entity where project took place: Universidad del País Vasco **Type of entity:** University
Name principal investigator (PI, Co-PI....): Cecilia Costa
Type of participation: Team member
Name of the programme: HORIZON EUROPE; Biodiversity and ecosystem services (HORIZON-CL6-2022-BIODIV-02-two-stage)
Start-End date: 2023 - 2027
Total amount: 5.999.775 €
- 2** **Name of the project:** LIFE-IP URBAN KLIMA 2050 - Systemic implementation of the CC action in the Basque Country for increased urban resilience as full territory enabler
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz **Type of entity:** Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea **Type of entity:** Programa LIFE INTEGRATED PROJECTS de la Comisión Europea
Name of the programme: Programa LIFE INTEGRATED PROJECTS de la Comisión Europea
Code according to the funding entity: LIFE18 IPC/ES/000001
Start-End date: 01/09/2019 - 31/12/2025
- 3** **Name of the project:** Genes, Poblaciones, Ecosistemas: Investigación Fundamental y Aplicada (IT1571-22; Grupo consolidado tipo A del Gobierno Vasco)
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Inaxio Garin; Iratxe Zarraonaindia
Funding entity or bodies: Departamento de Educación, Universidades e Investigación del Gobierno Vasco
Type of participation: Team member
Start-End date: 2022 - 2025 **Duration:** 5 years



Total amount: 392.700 €

- 4** **Name of the project:** INTENSIFY-More Carbon Reduction through Intense Community Engagement
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa INTERREG EUROPE
Name of the programme: INTERREG EUROPE
Code according to the funding entity: PGI05292
Start-End date: 01/06/2018 - 31/05/2023
- 5** **Name of the project:** Phy2SUDOE: Avanzando en la aplicación de estrategias innovadoras de fitogestión en zonas contaminadas del espacio Sudoe
Type of project: Research and development, including transfer
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa INTERREG SUDOE
Name of the programme: INTERREG SUDOE
Code according to the funding entity: SOE4/P5/E1021
Start-End date: 01/11/2020 - 30/04/2023
- 6** **Name of the project:** POSIDON- POLLuted Site Decontamination PCP
Type of project: Research and development, including transfer
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa H2020
Name of the programme: H2020
Code according to the funding entity: grant agreement No 776838
Start-End date: 01/03/2018 - 31/10/2022
- 7** **Name of the project:** REVEAL-REgulating VEhicle Access for improved Liveability
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa H2020
Name of the programme: H2020
Code according to the funding entity: grant agreement No 815008
Start-End date: 01/06/2019 - 31/05/2022

- 8** **Name of the project:** Park4SUMP-Parking management as game changer for urban mobility
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa H2020
Name of the programme: H2020
Code according to the funding entity: grant agreement No 769072
Start-End date: 01/09/2018 - 31/03/2022
- 9** **Name of the project:** IM21MPDH; Campaña de evaluación de la población de anchoa en el Golfo de Vizcaya 2021
Entity where project took place: AZTI Tecnalia
Type of entity: Technological Centre
Funding entity or bodies: FEMP (European Maritime Fishing Funds) Data collection framework
Departamento de Desarrollo Económico y Competitividad del Gobierno Vasco
City funding entity: Spain
Secretaría General de Pesca del Gobierno español.
City funding entity: Spain
Start-End date: 09/01/2021 - 22/12/2021
- 10** **Name of the project:** City Changer Cargo Bike (CCCB)
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa H2020
Name of the programme: H2020
Code according to the funding entity: grant agreement No 769086
Start-End date: 01/09/2018 - 31/08/2021
- 11** **Name of the project:** SmartEnCity: Towards Smart Zero CO2 Cities across Europe
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa H2020
Name of the programme: H2020
Code according to the funding entity: grant agreement No 691883
Start-End date: 01/02/2016 - 31/07/2021

- 12** **Name of the project:** IUC City-to-City Cooperation Partnership between Windsor and Vitoria-Gasteiz
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa de cooperación urbana internacional (IUC; International Urban Cooperation)
Name of the programme: Programa de cooperación urbana internacional (IUC; International Urban Cooperation) de la Comisión Europea
Start-End date: 01/11/2017 - 30/11/2019
- 13** **Name of the project:** PhytoSUDOE: Demostración de la mejora en la biodiversidad edáfica, funcionalidad y servicios ecosistémicos en terrenos contaminados y degradados mediante fitogestión dentro de la región Interreg Sudoe
Type of project: Research and development, including transfer
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa INTERREG SUDOE
Name of the programme: INTERREG SUDOE
Code according to the funding entity: SOE1/P5/E0189
Start-End date: 01/07/2016 - 31/10/2018
- 14** **Name of the project:** MOVESMART: Renewable Mobility Services in Smart Cities
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa FP7
Name of the programme: FP7
Code according to the funding entity: grant agreement No 609026
Start-End date: 01/11/2013 - 31/10/2016
- 15** **Name of the project:** IRRIGESTLIFE: telemanagement network using free controllers connected to a GIS for an optimized irrigation in Vitoria-Gasteiz
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Entity where project took place: Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz
Type of entity: Public Research Body
City of entity: Vitoria-Gasteiz, Basque Country, Spain
Funding entity or bodies: Comisión Europea
Type of entity: Programa LIFE+ (Comisión Europea)
Name of the programme: LIFE+
Code according to the funding entity: LIFE11 ENV/ES/000615
Start-End date: 01/09/2012 - 31/12/2015



- 16** **Name of the project:** Análisis genómicos de la variación del ADN (GIC 10/58, Grupo de Investigación del Sistema Universitario Vasco; Grupo consolidado del Gobierno Vasco)
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Dra. Andone Estonba (Universidad del País Vasco)
Funding entity or bodies:
 Departamento de Educación, Universidades e Investigación del Gobierno Vasco
Start-End date: 2010 - 2015 **Duration:** 5 years
Total amount: 544.000 €
- 17** **Name of the project:** -“METAMAHA - Deciphering genetic adaptation of vineyard's microbial communities through metagenetics.”
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Dra. Andone Estonba (UPV/EHU)
Funding entity or bodies:
 Dpto. de Industria, Comercio y Turismo del Gobierno Vasco, Programa SAIOTEK. SAI13/287
Start date: 01/01/2013 **Duration:** 1 year
Total amount: 14.829,94 €
- 18** **Name of the project:** BERDEPOP: Determinación de la estructura poblacional del verdel atlántico (*Scomber scombrus* L.) mediante el descubrimiento y genotipado de SNPs a lo largo de todo el genoma: implicaciones en su gestión pesquera.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Andone Estonba (EHU)
Funding entity or bodies:
 Dpto. de Industria, Comercio y Turismo del Gobierno Vasco, Programa SAIOTEK. SAI12/172
Start date: 01/01/2012 **Duration:** 2 years
Total amount: 24.199,04 €
- 19** **Name of the project:** -“GENTAPES; Aplicación de herramientas genómicas de última generación al análisis de la expresión génica diferencial en grupos de alta y baja tasa de crecimiento de la almeja *Ruditapes philippinarum*”
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Andone Estonba
Funding entity or bodies:
 SAIOTEK (Departamento de Industria, Comercio y Turismo del Gobierno Vasco; SAI11/58)
Start date: 01/01/2011 **Duration:** 2 years
Total amount: 9.116,95 €
- 20** **Name of the project:** -“ ECOGENBAY – Eco-genética de la anchoa en el golfo de Vizcaya”
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Dr. Xavier Irigoien (AZTI-Tecnalia; Proyecto 1) y Dra. Andone Estonba (UPV/EHU; Proyecto 2); project
Funding entity or bodies:
 MICINN. (MICINN09/51))
Start date: 01/01/2009 **Duration:** 4 years
Total amount: 205.700 €



- 21** **Name of the project:** -“Identifying predators of post settlement flatfish using molecular identification of prey in predators’ stomachs”.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Dr. Martin Taylor (University of Wales-Bangor)
Funding entity or bodies:
The Fisheries Society of the British Isles
Start date: 01/06/2008 **Duration:** 1 year - 6 months - 30 days
Total amount: 6.350 €
- 22** **Name of the project:** -“ECOANCHOA- una propuesta de proyecto para un salto cualitativo en el conocimiento de la anchoa en el contexto del ecosistema”
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Xabier Irigoien (AZTI-Tecnalia)
Funding entity or bodies:
Gobierno Vasco **Type of entity:** Gobierno Vasco
City funding entity: Spain
Start date: 01/2008 **Duration:** 3 years
- 23** **Name of the project:** -“EUR-OCEANS - EURopean network of excellence for OCean Ecosystems ANalysis”
Degree of contribution: Current university student
Name principal investigator (PI, Co-PI....): Coordinator: FRANCE INNOVATION SCIENTIFIQUE ET TRANSFERT; en AZTI-Tecnalia IP: Xabier Irigoien.
Funding entity or bodies:
Sixth Framework Programme for Research and Technological Development of the European Communities (FP6)
Type of participation: Others
Start date: 01/2005 **Duration:** 4 years
- 24** **Name of the project:** -“PREDATE - Investigating predation of fish eggs and larvae using genetic probes”
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): Ewan Hunter (The Centre for Environment, Fisheries and Aquaculture Science (Cefas)
Funding entity or bodies:
Defra (U.K. Department for Environment, Food and Rural Affairs)
Start date: 2005 **Duration:** 4 years
- 25** **Name of the project:** -“Campañas Bioman para estimación del stock de anchoa mediante el método de producción de huevos”.
Degree of contribution: Current university student
Name principal investigator (PI, Co-PI....): Andrés Uriarte (Fundación AZTI)
Funding entity or bodies:
Unión Europea-Gobierno Vasco
Type of participation: Others
Start date: 2003 **Duration:** 3 years
- 26** **Name of the project:** -“Definición de las ventanas óptimas que condicionan la supervivencia de huevos y larvas de peces pelágicos en áreas ambientalmente contrastadas” (REN 2002-04205-C04-04)
Degree of contribution: Current university student



Name principal investigator (PI, Co-PI....): Paula Álvarez (Fundación AZTI)

Funding entity or bodies:

Ministerio de Ciencia y Tecnología (MCYT)

Type of participation: Others

Start date: 2003

Duration: 3 years

27 Name of the project: -“Dinámica de las proliferaciones fitoplanctónicas de primavera en la costa Cantabrica (DINAPROFIT)”. (REN 2003-09549-C03-03/MAR)

Degree of contribution: Current university student

Name principal investigator (PI, Co-PI....): José Luis Acuña (Universidad de Oviedo)

Funding entity or bodies:

Ministerio de Ciencia y Tecnología (MCYT)

Type of participation: Others

Start date: 2003

Duration: 3 years

28 Name of the project: -“Estudio del impacto del vertido del Prestige en el zooplancton e ictioplancton (EIPZI)” (VEM 2003-20573-C02-01/)

Degree of contribution: Current university student

Name principal investigator (PI, Co-PI....): Xabier Irigoien (Fundación AZTI)

Funding entity or bodies:

Ministerio de Ciencia y Tecnología (MCYT)

Type of participation: Others

Start date: 2003

Duration: 3 years

29 Name of the project: -“Desarrollo de un clasificador de plancton automático a partir de imágenes digitales (Planctima)”.

Degree of contribution: Current university student

Name principal investigator (PI, Co-PI....): Guillermo Boyra (Fundación AZTI)

Funding entity or bodies:

Profit-Saiotek

Type of participation: Others

Start date: 2002

Duration: 3 years

30 Name of the project: -“Estudios sobre la madurez sexual y la fecundidad de la merluza (Merluccius merluccius) del Atlántico Nordeste (Subárea VII y Divisiones VIIIa,b,d de ICES)”

Degree of contribution: Current university student

Name principal investigator (PI, Co-PI....): Hilario Murua (Fundación AZTI)

Funding entity or bodies:

: Departamento de Agricultura Y Pesca del Gobierno Vasco

Type of participation: Others

Start date: 01/01/2001

Duration: 11 months - 30 days

31 Name of the project: -“Seguimiento ambiental de los estuarios del Nervión, Barbadún y Butrón durante 2001”

Degree of contribution: Current university student

Name principal investigator (PI, Co-PI....): Javier Franco (Fundación AZTI)

Funding entity or bodies:

Consorcio de Aguas Bilbao Bizkaia

Type of entity: Organismo Publico

City funding entity: Bilbao, Basque Country, Spain

**Type of participation:** Others**Start date:** 2001**Duration:** 1 year**32 Name of the project:** -“Estudio de las reservas bióticas en las Rías de Mundaka y Bilbao: datación de los bancos de huevos de resistencia del zooplancton y estudio de su viabilidad” (UPV 118.310-EA 207/98)**Degree of contribution:** Alumno Interno**Name principal investigator (PI, Co-PI....):** Fernando Villate (Universidad del País Vasco)**Funding entity or bodies:**

Universidad del País Vasco

Type of entity: University**City funding entity:** Bilbao, Basque Country, Spain**Type of participation:** Others**Start date:** 1999**Duration:** 2 years**33 Name of the project:** -“Estudio sobre la reaparición-introducción de especies zooplanctónicas autóctonas de estuario en un sistema estuárico altamente contaminado pero en vías de recuperación (Ría de Bilbao)”**Degree of contribution:** Alumno interno**Name principal investigator (PI, Co-PI....):** Fernando Villate (Universidad del País Vasco)**Funding entity or bodies:**

Gobierno Vasco

Type of entity: Gobierno Vasco**City funding entity:** Spain**Type of participation:** Others**Start date:** 1998**Duration:** 4 years**R&D non-competitive contracts, agreements or projects with public or private entities****1 Name of the project:** Convenio de colaboración entre el Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz y el Basque Center for Climate Change (BC3) para el proyecto REVALUE-Valores Relacionales para la sostenibilidad urbana: Una aproximación transdisciplinar/RELational VALues in Urban Environments: A transdisciplinary approach**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Unai Pascual**Participating entity/entities:** ASOC BC3 BASQUE CENTRE FOR CLIMATE CHANGE-KLIMA ALDAKETA IKERGA; Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz**Funding entity or bodies:**

Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz

Type of entity: Public Research Body**City funding entity:** Vitoria-Gasteiz, Basque Country, Spain**Start date:** 01/11/2019**Duration:** 3 years**2 Name of the project:** Convenio de colaboración entre el Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz y el Departamento de Zoología y Dinámica Celular Animal de la Universidad del País Vasco-Euskal Herriko Unibertsitatea (UPV/EHU) para el desarrollo y aplicación de una metodología basada en el estudio del ADN ambiental, que permita caracterizar las comunidades de anfibios en el término municipal de Vitoria-Gasteiz en aras de su gestión y conservación**Degree of contribution:** Researcher**Name principal investigator (PI, Co-PI....):** Benjamín Gómez Moliner**Participating entity/entities:** Centro de Estudios Ambientales del Ayuntamiento de Vitoria-Gasteiz; Universidad del País Vasco**Funding entity or bodies:****Type of entity:** Public Research Body



Centro de Estudios Ambientales del Ayuntamiento de
Vitoria-Gasteiz

City funding entity: Vitoria-Gasteiz, Basque Country, Spain

Start date: 01/06/2019

Duration: 1 year

- 3 Name of the project:** Biological and genetic sampling and analysis GBYP 01/2012 (ICCAT/GBYP PHASE 3) of the ICCAT Atlantic-Wide Research Program on Bluefin Tuna

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Haritz Arrizabalaga

Funding entity or bodies:

ICCAT (Comisión Internacional para la Conservación del Atún Atlántico)

Type of entity: Comisión Internacional para la Conservación del Atún Atlántico

Start date: 01/01/2012

Duration: 1 year

Total amount: 21.500 €

- 4 Name of the project:** Genética de poblaciones del Berberecho (*Cerastoderma edule*) para evaluar la diversidad (genética) entre poblaciones de diferentes estuarios

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): Guillem Chust

Funding entity or bodies:

AZTI-Tecnalia

Type of entity: Foundation

Start date: 01/01/2011

Duration: 5 months - 29 days

Total amount: 5.000 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Mikel Aguirre; David Abad; Aitor Albaina; Mikel Gutiérrez-Muto; Jorge Langa; Marisol Goñi-Urriza; Maite Orruño; Inés Arana; Andone Estonba; Iratxe Zarraonaindia. Ecological status of Urdaibai Biosphere reserve based on bacterial communities in a small-drainage estuary. Marine and Freshwater Research. 74 - 8, pp. 651 - 664. SCIRO Publishing, 05/05/2023. ISSN 1323-1650

DOI: 10.1071/MF22072

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 10

Corresponding author: No

- 2** Amaia Caro; Ibai Ugarte-Zabaleta; Julen Vázquez-Sanz; Aitor Albaina; María José Madeira; Benjamín Juan Gómez-Moliner. Monitorización de las comunidades de anfibios mediante metabarcoding de ADN ambiental. Munibe Monographs. Nature Series.5, Sociedad de Ciencias Aranzadi, 2023. ISSN 2340-0463

DOI: 10.21630/mmns.2023.5.03

Type of production: Scientific paper

Position of signature: 4

Total no. authors: 6



- 3** Julia Neidig; Isabelle Anguelovski; Aitor Albaina; Unai Pascual. We are the Green Capital”: Navigating the political and sustainability fix narratives of urban greening. *Cities*. 131, pp. 103999. Elsevier, 27/09/2022. ISSN 0264-2751
DOI: 10.1016/j.cities.2022.103999

Type of production: Scientific paper

Position of signature: 3

Total no. authors: 4

Corresponding author: No

- 4** Gregory Puncher; Alessia Cariani; Gregory Maes; Jeroen Van Houdt; Koen Herten; Rita Cannas; Naiara Rodriguez-Ezpeleta; Aitor Albaina; Andone Estonba; Molly Lutcavage; Alex Hanke; Jay Rooker; James Franks; Joseph Quattro; Gualtiero Basilone; Igaratza Fraile; Urtzi Laconcha; Nicolas Goñi; Ai Kimoto; David Macías; Francisco Alemany; Simeon Deguara; Salem Zgozi; Fulvio Garibaldi; Isik Oray; Firdes Karakulak; Nouredine Abid; Miguel Santos; Piero Addis; Haritz Arrizabalaga; Fausto Tinti. Spatial dynamics and mixing of bluefin tuna in the Atlantic Ocean and Mediterranean Sea revealed using next generation sequencing. *Molecular Ecology Resources*. 18 - 3, pp. 620 - 638. , , , , , , 06/02/2018. ISSN 1755-098X

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - ECOLOGY

Impact index in year of publication: 7.049

Journal in the top 25%: Yes

- 5** David Abad; Aitor Albaina; Mikel Aguirre; Andone Estonba. 18S V9 metabarcoding correctly depicts plankton estuarine community drivers. *Marine Ecology Progress Series*. 584, pp. 31 - 43. 07/12/2017. ISSN 0171-8630

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Impact index in year of publication: 2.276

- 6** Mikel Aguirre; David Abad; Aitor Albaina; Lauren Cralle; María Soledad Goñi-Urriza; Andone Estonba; Iratxe Zarraonaindia. Unraveling the environmental and anthropogenic drivers of bacterial community changes in the estuary of Bilbao and its tributaries. *PLoS ONE*. 12 - 6, pp. e0178755. 08/06/2017. ISSN 1932-6203

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Impact index in year of publication: 2.766

Journal in the top 25%: Yes

- 7** Aitor Albaina; Ibon Uriarte; Mikel Aguirre; David Abad; Arantxa Iriarte; Fernando Villate; Andone Estonba. Insights on the origin of invasive copepods colonizing Basque estuaries; a DNA barcoding approach. *Marine Biodiversity Records*. 9 - 51, 13/07/2016. ISSN 1755-2672

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Corresponding author: Yes

Impact source: SCOPUS

Category: Ecology

Impact index in year of publication: 1.1

- 8** David Abad; Aitor Albaina; Mikel Aguirre; Aitor Laza-Martínez; Ibon Uriarte; Arantxa Iriarte; Fernando Villate; Andone Estonba. Is Metabarcoding Suitable for Estuarine Plankton Monitoring? A Comparative Study with Microscopy. *Marine Biology*. 163 - 149, 14/06/2016. ISSN 0025-3162

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Impact index in year of publication: 2.136



- 9** Ann Bucklin; Penelope Lindeque; Naiara Rodriguez-Ezpeleta; Aitor Albaina; Maiju Lehtiniemi. Metabarcoding of Marine Zooplankton: Progress, Prospects and Pitfalls. *Journal of Plankton Research*. 38 - 3, pp. 393 - 400. 06/04/2016. ISSN 0142-7873
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 1.983
- 10** Aitor Albaina; Mikel Aguirre; David Abad; María Santos; Andone Estonba. 18S rRNA V9 metabarcoding for diet characterization: a critical evaluation with two sympatric zooplanktivorous fish species. *Ecology and Evolution*. 6 - 6, pp. 1809 - 1824. 19/02/2016. ISSN 2045-7758
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Corresponding author: Yes
Impact source: ISI **Category:** Ecology
Impact index in year of publication: 2.44
- 11** Aitor Albaina; Xabier Irigoien; Unai Aldalur; Unai Cotano; María Santos; Guillermo Boyra; Andone Estonba. A real-time PCR assay to estimate invertebrate and fish predation on anchovy eggs in the Bay of Biscay. *Progress in Oceanography*. 131, pp. 82 - 99. 2015. Available on-line at: <doi: 10.1016/j.pocean.2014.12.002>. ISSN 0079-6611
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Impact source: ISI **Category:** Science Edition - OCEANOGRAPHY
Impact index in year of publication: 3.512 **Journal in the top 25%:** Yes
- 12** Aitor Albaina; Xabier Irigoien; Unai Aldalur; Guillermo Boyra; María Santos; Andone Estonba. "Macrozooplankton predation impact on anchovy (*Engraulis encrasicolus*) eggs mortality at the Bay of Biscay shelf break spawning centre.". *Ices Journal of Marine Science*. 72 - 5, pp. 1370 - 1379. 2015. Available on-line at: <doi:10.1093/icesjms/fsu205>. ISSN 1054-3139
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Corresponding author: Yes
Impact source: ISI **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 2.626 **Journal in the top 25%:** Yes
- 13** Guillem Chust; Aitor Albaina; Aizkorri Aranburu; Ángel Borja; Onno E. Diekmann; Andone Estonba; Javier Franco; Joxe M. Garmendia; Mikel Iriondo; Iñigo Muxika; Fernando Rendo; J. Germán Rodríguez; Otsanda Ruiz-Larrañaga; Mireia Valle. "Connectivity, neutral theories and the assessment of species vulnerability to global change in temperate estuaries". *Estuarine, Coastal and Shelf Science*. 131, pp. 52 - 63. 2013. ISSN 0272-7714
Type of production: Scientific paper **Format:** Journal
Position of signature: 2
Impact source: ISI **Category:** Science Edition - MARINE & FRESHWATER BIOLOGY
Impact index in year of publication: 2.253 **Journal in the top 25%:** No
- 14** Iratxe Montes; Darrell Conklin; Aitor Albaina; Simon Creer; Gary Carvalho; María Santos; Andone Estonba. "SNP discovery in European anchovy (*Engraulis encrasicolus*, L) by high-throughput transcriptome and genome sequencing". *PLoS ONE*. 8 - 8, pp. e70051. 2013. ISSN 1932-6203

**Type of production:** Scientific paper**Position of signature:** 3**Impact source:** ISI**Impact index in year of publication:** 3.534**Format:** Journal**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES**Journal in the top 25%:** Yes

- 15** Aitor Albaina; Mikel Iriondo; Igor Velado; Urtzi Laconcha; Iratxe Zarraonaindia; Haritz Arrizabalaga; Miguel Ángel Pardo; Molly Lutcavage; W. Stewart Grant; Andone Estonba. "Single nucleotide polymorphism discovery in albacore and Atlantic bluefin tuna provides insights into worldwide population structure". *Animal Genetics*. 44 - 6, pp. 678 - 692. 2013. ISSN 0268-9146

Type of production: Scientific paper**Position of signature:** 1**Impact source:** ISI**Impact index in year of publication:** 2.210**Format:** Journal**Category:** Science Edition - AGRICULTURE, DAIRY & ANIMAL SCIENCE**Journal in the top 25%:** Yes

- 16** Clive J. Fox; Martin I. Taylor; Jeroen van der Kooij; Natasha Taylor; Steven M. Milligan; Aitor Albaina; Sonia Pascoal; Delphine Lallias; Marjorie Maillard; Ewan Hunter. "Identification of marine fish egg predators using molecular probes". *Marine Ecology Progress Series*. 462, pp. 205 - 218. 2012. ISSN 0171-8630

Type of production: Scientific paper**Position of signature:** 6**Impact source:** ISI**Impact index in year of publication:** 2.546**Format:** Journal**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Journal in the top 25%:** Yes

- 17** Aitor Albaina; Martin Taylor; Clive Fox. "Molecular detection of plaice remains in the stomachs of potential predators on a flatfish nursery ground". *Marine Ecology Progress Series*. 444, pp. 223 - 238. 2012. ISSN 0171-8630

Type of production: Scientific paper**Position of signature:** 1**Impact source:** ISI**Impact index in year of publication:** 2.546**Format:** Journal**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Journal in the top 25%:** Yes

- 18** Iratxe Zarraonaindia; Mikel Iriondo; Aitor Albaina; Miguel Angel Pardo; Carmen Manzano; W. Stewart Grant Andone Estonba; Xabier Irigoien. "Multiple SNP markers reveal fine-scale population and deep phylogeographic structure in European anchovy (*Engraulis encrasicolus* L.)". *PLoS ONE*. 7 - 7, pp. e42201. 2012. ISSN 1932-6203

Type of production: Scientific paper**Position of signature:** 3**Impact source:** ISI**Impact index in year of publication:** 3.730**Format:** Journal**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES**Journal in the top 25%:** Yes

- 19** Molecular Ecology Resources Primer Development Consortium; Abreu AG; Albaina A; Alpermann TJ; Apkenas VE; Bankhead-Dronnet S; Bergek S; Berumen ML; Cho CH; Clobert J; Coulon A; DE Feraudy D; Estonba A; Hankeln T; Hochkirch A; Hsu TW; Huang TJ; Irigoien X; Iriondo M; Kay KM; Kinitz T; Kothera L; LE Hénanff M; Lieutier F; Lourdaïs O; Macrini CM; Manzano C; Martin C; Morris VR; Nanninga G; Pardo MA; Plieske J; Pointeau S; Prestegard T; Quack M; Richard M; Savage HM; Schwarcz KD; Shade J; Simms EL; Solferini VN; Stevens VM; Veith M; Wen MJ; Wicker F; Yost JM; Zarraonaindia I.. "Permanent Genetic Resources added to Molecular



Ecology Resources Database 1 October 2011-30 November 2011". Molecular Ecology Resources. 12 - 2, pp. 374 - 376. 2012. ISSN 1755-0998

Type of production: Scientific paper

Format: Journal

Position of signature: 3

Impact source: ISI

Category: Science Edition - ECOLOGY

Impact index in year of publication: 7.432

Journal in the top 25%: Yes

- 20** Xabier Irigoien; Guillem Chust; Jose Antonio Fernandes; Aitor Albaina; Lucia Zarauz. "Factors determining the distribution and betadiversity of mesozooplankton species in shelf and coastal waters of the Bay of Biscay.". Journal of Plankton Research. 33 - 8, pp. 1182 - 1192. 2011. ISSN 0142-7873

Type of production: Scientific paper

Format: Journal

Position of signature: 4

Impact source: ISI

Category: Science Edition - OCEANOGRAPHY

Impact index in year of publication: 2.079

Journal in the top 25%: No

- 21** Aitor Albaina; Clive Fox; Natasha Taylor; Ewan Hunter; Marjorie Maillard; Martin Taylor. "A TaqMan real-time PCR based assay targeting plaice (*Pleuronectes platessa* L.) DNA to detect predation by the brown shrimp (*Crangon crangon* L.) and the shore crab (*Carcinus maenas* L.) - Assay development and validation.". Journal of Experimental Marine Biology and Ecology. 391 - 1-2, pp. 178- - 189. 2010. ISSN 0022-0981

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Impact index in year of publication: 1.910

Journal in the top 25%: No

- 22** Xabier Irigoien; Jose Antonio Fernandes; Philippe Grosjean; Kevin Denis; Aitor Albaina; Maria Santos. "Spring zooplankton distribution in the Bay of Biscay from 1998 to 2006 in relation with anchovy recruitment". Journal of Plankton Research. 31 - 1, pp. 1 - 17. 2009. ISSN 0142-7873

Type of production: Scientific paper

Format: Journal

Position of signature: 5

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Impact index in year of publication: 1.612

Journal in the top 25%: No

- 23** Aitor Albaina; Ibón Uriarte; Fernando Villate. "Zooplankton communities in two contrasting Basque estuaries (1999-2001): reporting changes associated with ecosystem health". Journal of Plankton Research. 31 - 7, pp. 739 - 752. 2009. ISSN 0142-7873

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Impact index in year of publication: 1.612

Journal in the top 25%: No

- 24** Aitor Albaina; Xabier Irigoien. "Fine scale zooplankton distribution in the Bay of Biscay in spring 2004". Journal of Plankton Research. 29 - 10, pp. 851 - 870. 2007. ISSN 0142-7873

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Impact source: ISI

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

**Impact index in year of publication:** 1.897**Journal in the top 25%:** No

- 25** Aitor Albaina; Xabier Irigoien. "Zooplankton communities and oceanographic structures in a high-resolution grid in the south-eastern corner of the Bay of Biscay". Estuarine, Coastal and Shelf Science. 75, pp. 433 - 446. 2007. ISSN 0272-7714

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Impact source:** ISI**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Impact index in year of publication:** 1.799**Journal in the top 25%:** No

- 26** Aitor Albaina; Xabier Irigoien. "Fecundity limitation of Calanus helgolandicus, by the parasite Ellobiopsis sp.". Journal of Plankton Research. 28 - 4, pp. 413 - 418. 2006. ISSN 0142-7873

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Impact source:** ISI**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Impact index in year of publication:** 1.617**Journal in the top 25%:** No

- 27** Delphine Bonnet; Anthony Richardson; Roger Harris; Andrew Hirst; Gregory Beaugrand; Martin Edwards; Sara Ceballos; Rabea Diekman; Angel López-Urrutia; Luis Valdes; Francois Carlotti; Juan Carlos Molinero; Horst Weikert; Wulf Greve; Davor Lucic; Aitor Albaina; Nejib Daly Yahia; Serena Fonda Umani; Ana Miranda; Antonina dos Santos; Kathryn Cook; Susan Robinson; Marie Luz Fernandez de Puelles. "An overview of Calanus helgolandicus ecology in European waters". Progress in Oceanography. 65, pp. 1 - 53. 2005. ISSN 0079-6611

Type of production: Scientific paper**Format:** Journal**Position of signature:** 16**Impact source:** ISI**Category:** Science Edition - OCEANOGRAPHY**Impact index in year of publication:** 2.522**Journal in the top 25%:** Yes

- 28** Thomas Wichard; Serge A. Poulet; Claudia Halsband-Lenk; Aitor Albaina; Roger Harris; Dongyan Liu; Georg Pohnert. "Survey of the Chemical Defence Potential of Diatoms: Screening of Fifty Species for alpha, beta, gamma, delta-unsaturated aldehydes". Journal of Chemical Ecology. 31 - 4, pp. 949 - 958. 2005. ISSN 0098-0331

Type of production: Scientific paper**Format:** Journal**Position of signature:** 4**Impact source:** ISI**Category:** Science Edition - ECOLOGY**Impact index in year of publication:** 2.031**Journal in the top 25%:** No

- 29** Aitor Albaina; Xabier Irigoien. "Relationships between frontal structures and zooplankton communities along a cross-shelf transect in the Bay of Biscay (1995 to 2003)". Marine Ecology Progress Series. 284, pp. 65 - 75. 2004. ISSN 0171-8630

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Impact source:** ISI**Category:** Science Edition - MARINE & FRESHWATER BIOLOGY**Impact index in year of publication:** 2.052**Journal in the top 25%:** Yes

Works submitted to national or international conferences

- 1** **Title of the work:** Recurrent positive selection of lipid trafficking genes in Clupeiformes
Name of the conference: 21st European Conference on Computational Biology
Type of participation: 'Participatory - poster
City of event: Sitges, Catalonia, Spain
Date of event: 12/09/2022
End date: 21/09/2022
Jorge Langa; Yuri Rueda; Aitor Albaina; Martin Huret; Darrell Conklin; Andone Estonba.
- 2** **Title of the work:** "The green belt: bringing nature into the city - Vitoria-Gasteiz European Green Capital 2012"
Name of the conference: European Week of Regions and Cities.
https://europa.eu/regions-and-cities/programme/sessions/321_en
Type of event: European Week of Regions and Cities
Type of participation: Participatory - invited/keynote talk
City of event: Bruselas, Belgium
Date of event: 08/10/2019
Organising entity: European Committee of the Regions y European Commission
Aitor Albaina.
- 3** **Title of the work:** Phytoremediation and bioaugmentation: An appropriate tool for increasing soil health and plant cover in contaminated vacant lands
Name of the conference: XXIII Reunión de la Sociedad Española de Fisiología Vegetal y el XVI Congreso Luso-Español de Fisiología Vegetal
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Pamplona, Spain
Date of event: 26/06/2019
End date: 28/06/2019
Fátima Miguez; Unai Artetxe; Julen Urra; Aitor Albaina; Juan Vilela; Petra Kidd; Carlos Garbisu; José María Becerril.
- 4** **Title of the work:** Green remediation projects for landscape restoration in Vitoria-Gasteiz (Spain)"
Name of the conference: 15th International Phytotechnology Conference
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Novi-Sad, Serbia
Date of event: 01/10/2018
End date: 05/10/2018
Juan Vilela; Iñigo Zuazagoitia; Aitor Albaina; Carlos Garbisu; José María Becerril.
- 5** **Title of the work:** Innovative Green Solutions for Ecological Soil Restoration in Vitoria-Gasteiz (Spain)
Name of the conference: 14th International Phytotechnology Conference
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Montreal, Canada
Date of event: 25/09/2017
End date: 27/09/2017



Juan Vilela; Aitor Albaina; José María Becerril; Carlos Garbisu; Carmela Monterroso.

- 6** **Title of the work:** Recovering contaminated soils through phytomanagement in southwest europe: the PhytoSUDOE project
Name of the conference: 14th International Phytotechnology Conference
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Montreal, Canada
Date of event: 25/09/2017
End date: 27/09/2017
- 7** **Title of the work:** Phytomanagement of metal(oid)-contaminated soils within the EU Interreg PhytoSUDOE project: field trials in progress and option appraisals
Name of the conference: International Conference on the Biogeochemistry of Trace Elements (ICOBTE).
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Zurich, Switzerland
Date of event: 16/07/2017
End date: 20/07/2017
- 8** **Title of the work:** Nuevas técnicas de restauración de suelos degradados. Proyecto Phytosudoe en Vitoria-Gasteiz
Name of the conference: 7º Congreso Forestal Español.
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Plasencia, Spain
Date of event: 26/06/2017
End date: 30/06/2017
Juan Vilela; Aitor Albaina; Iñigo Zuazagoitia; Alberto Vila; E. López.
- 9** **Title of the work:** Demostración de la mejora en la biodiversidad edáfica, funcionalidad y servicios ecosistémicos en terrenos contaminados y degradados mediante fitogestión dentro de la región Interreg Sudoe (SOE1/P5/E0189)
Name of the conference: 13 Congreso Nacional del Medio Ambiente (CONAMA)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Madrid, Spain
Date of event: 28/11/2016
End date: 01/12/2016
Juan Vilela; Aitor Albaina; Alberto Vila; Iñigo Zuazagoitia.
- 10** **Title of the work:** Comparison of Metabarcoding and Microscopy for Estuarine Plankton Monitoring: Quantitative Character and Non-Indigenous Species Detectability
Name of the conference: ICES/PICES 6th Zooplankton Production Symposium
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Bergen, Norway
Date of event: 09/05/2016
End date: 13/05/2016
David Abad; Aitor Albaina; Mikel Aguirre; Aitor Laza-Martinez; Ibon Uriarte; Arantxa Iriarte; Fernando Villate; Andone Estonba.



- 11 Title of the work:** Anthropic impact in estuarine bacterioplankton diversity
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2015 (ICES-ASC 2015)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Copenhagen, Denmark
Date of event: 21/09/2015
End date: 25/09/2015
Organising entity: International Council for the Exploration of the Sea
Mikel Aguirre; Iratxe Zarraonaindia; David Abad; Aitor Albaina; Néstor Etxebarria; María-Soledad Goñi-Urriza; Andone Estonba.
- 12 Title of the work:** Population structure and genetic management unit delineation in the Atlantic bluefin tuna using a genotyping-by-sequencing approach
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2015 (ICES-ASC 2015)
Type of event: Conference
Type of participation: Participatory - oral communication
City of event: Copenhagen, Denmark
Date of event: 21/09/2015
End date: 25/09/2015
Organising entity: International Council for the Exploration of the Sea
Gregory Puncher; Alessia Cariani; Gregory Maes; Jeroen Van Houdt; Koen Herten; Aitor Albaina; Rita Cannas; Naiara Rodríguez-Ezpeleta; Haritz Arrizabalaga; Fausto Tinti.
- 13 Title of the work:** Validating metabarcoding as a tool for eukaryotic plankton monitoring in estuaries
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2015 (ICES-ASC 2015)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Copenhagen, Denmark
Date of event: 21/09/2015
End date: 25/09/2015
David Abad; Aitor Albaina; Mikel Aguirre; Aitor Laza-Martinez; Ibon Uriarte; Andone Estonba.
- 14 Title of the work:** Bacterioplankton community structure changes throughout the annual cycle in estuaries with different anthropogenic pressure
Name of the conference: EMBO Conference Series 'Aquatic microbial ecology'
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Uppsala, Sweden
Date of event: 23/08/2015
End date: 28/08/2015
Organising entity: International Council for the Exploration of the Sea
Mikel Aguirre; Iratxe Zarraonaindia; David Abad; Aitor Albaina; Néstor Etxebarria; María-Soledad Goñi-Urriza; Andone Estonba.
- 15 Title of the work:** Development of a molecular tool for the reliable identification of European anchovy (*Engraulis encrasicolus*) DNA traces"
Name of the conference: XVII Iberian Symposium of Marine Biology Studies
Type of participation: 'Participatory - poster

City of event: Donostia-San Sebastián, Spain

Date of event: 11/2014

Aitor Albaina; Iratxe Zarraonaindia; Andone Estonba. "Development of a molecular tool for the reliable identification of European anchovy (*Engraulis encrasicolus*) DNA traces" In: Book of abstracts : Borja, A. (Editor), 2012. XVII Iberian Symposium on Marine Biology Studies. Revista de Investigación Marina, AZTI-Tecnalia, 19(6): 108-631".

- 16 Title of the work:** "Characterization of the bacterioplankton community in two contrasting Basque estuaries using massive parallel sequencing technologies"

Name of the conference: The 2nd International Ocean Research Conference (IORC)

Type of participation: 'Participatory - poster

City of event: Barcelona, Spain

Date of event: 11/2014

Mikel Aguirre; I. Zarraonaindia; David Abad; Aitor Albaina; Nestor Etxebarria; Andone Estonba.

- 17 Title of the work:** "Plankton Metabarcoding vs Classical Taxonomy: Who Beats Who?"

Name of the conference: The 2nd International Ocean Research Conference (IORC)

Type of participation: 'Participatory - poster

City of event: Barcelona, Spain

Date of event: 11/2014

David Abad; Mikel Aguirre; Aitor Albaina; Aitor Laza; Ibón Uriarte; Fernando Villate; Andone Estonba.

- 18 Title of the work:** "A genetic multi marker approach to estimate spatial and temporal structuring and Ne of albacore (*Thunnus alalunga*)."

Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2014

Type of participation: 'Participatory - poster

City of event: La Coruña, Spain

Date of event: 09/2014

Organising entity: International Council for the Exploration of the Sea, Urtzi Laconcha; Mikel Iriondo; Carmen Manzano; Aitor Albaina; Haritz Arrizabalaga; Andone Estonba.

- 19 Title of the work:** "An evaluation of the Earth Microbiome Project approach (amplicon region and bioinformatic pipeline) for Eukaryotic biodiversity assessment."

Name of the conference: XII Symposium on Bioinformatics.

Type of participation: 'Participatory - poster

City of event: Sevilla, Spain

Date of event: 09/2014

Mikel Aguirre; David Abad; Aitor Albaina; Iratxe Zarraonaindia; Unai Aldalur; Andone Estonba.

- 20 Title of the work:** "Eukaryotic plankton community structure of two estuaries in the bay of Biscay: A metabarcoding approach."

Name of the conference: XVIII Simposio Ibérico de Estudios de Biología Marina (SIEBM)

Type of participation: Participatory - oral communication

City of event: Gijón, Spain

Date of event: 09/2014

David Abad; Mikel Aguirre; Aitor Albaina; Nestor Etxebarria; Andone Estonba.

- 21 Title of the work:** "Evidence of local adaptation in European anchovy (*Engraulis encrasicolus*, L) from the Bay of Biscay."

Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2014

Type of participation: 'Participatory - poster

City of event: La Coruña, Spain

Date of event: 09/2014

Organising entity: International Council for the Exploration of the Sea

Iratxe Montes; Iratxe Zarraonaindia; Aitor Albaina; Mikel Iriondo; Carmen Manzano; Darrell Conklin; Unai Cotano; W. Stewart Grant; Xabier Irigoien; Andone Estonba.

- 22 Title of the work:** "Insights on the role of predation in Bay of Biscay anchovy eggs and larvae mortality; development and application of a real-time PCR based assay to potential invertebrate and vertebrate predators."
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2014
Type of participation: Participatory - oral communication
City of event: La Coruña, Spain
Date of event: 09/2014
Organising entity: International Council for the Exploration of the Sea
Aitor Albaina; Unai Aldalur; Guillermo Boyra; Jorge Langa; Unai Cotano; Xabier Irigoien; María Santos; Andone Estonba.
- 23 Title of the work:** "Metagenomic study of pico- and nanoplanktonic community in two rivers with different anthropogenic impact."
Name of the conference: XVIII Simposio Ibérico de Estudios de Biología Marina (SIEBM)
Type of participation: Participatory - oral communication
City of event: Gijón, Spain
Date of event: 09/2014
Mikel Aguirre; I. Zarraonaindia; David Abad; Aitor Albaina; Nestor Etxebarria; Andone Estonba.
- 24 Title of the work:** "Descubrimiento y validación de SNPs en el transcriptoma de especies no modelo mediante secuenciación masiva: el caso de la anchoa europea (*Engraulis encrasicolus*, L)."
Name of the conference: XXXIX Congreso de la SEG (Sociedad Española de Genética)
Type of participation: Participatory - oral communication
City of event: Girona, Spain
Date of event: 09/2013
Organising entity: Sociedad Española de Genética
Iratxe Montes; Darrell Conklin; Aitor Albaina; María Santos; Andone Estonba.
- 25 Title of the work:** "Improved conversion rates for SNP genotyping of nonmodel organisms"
Name of the conference: IWBBIO 2013: International Work-Conference on Bioinformatics and Biomedical Engineering
Type of participation: 'Participatory - poster
City of event: Granada, Spain
Date of event: 03/2013
Darrell Conklin; Iratxe Montes; Aitor Albaina; Andone Estonba. "Improved conversion rates for SNP genotyping of nonmodel organisms" In: IWBBIO 2013 Proceedings 127-134 (ISBN: GR 489/2013)".
- 26 Title of the work:** "New records of *Acartia* congeneric species from a highly polluted but in recovering process estuary: the estuary of Bilbao (Bay of Biscay)"
Name of the conference: 8º Coloquio Internacional de Oceanografía del Golfo de Vizcaya
Type of participation: 'Participatory - poster
City of event: Gijón, Spain
Date of event: 10/2012
Aitor Albaina; Fernando Villate.

- 27** **Title of the work:** "Relationships between frontal structures and zooplankton communities along a cross-shelf transect in the Bay of Biscay (1995-2003)"
Name of the conference: 9º Coloquio Internacional de Oceanografía del Golfo de Vizcaya
Type of participation: Participatory - oral communication
City of event: Pau, France
Date of event: 10/2012
Aitor Albaina; Xabier Irigoien.
- 28** **Title of the work:** "Population genetic structure and traceability of the European anchovy (*Engraulis encrasicolus*) using SNP-type markers"
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2012
Type of participation: Participatory - oral communication
City of event: Bergen, Norway
Date of event: 09/2012
Organising entity: International Council for the Exploration of the Sea
Iratxe Zarraonaindia; Aitor Albaina; Mikel Iriondo; Miguel Angel Pardo; Carmen Manzano; w. Stewart Grant; Xabier Irigoien; Andone Estonba.
- 29** **Title of the work:** "SNP discovery in *Thunnus alalunga* and *T. thynnus* provide insights into world-wide population structure and a traceability tool for *T. alalunga*"
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2012
Type of participation: Participatory - oral communication
City of event: Bergen, Norway
Date of event: 09/2012
Organising entity: International Council for the Exploration of the Sea
Aitor Albaina; Mikel Iriondo; Igor Velado; Urtzi Laconcha; Iratxe Zarraonaindia; Carmen Manzano; Haritz Arrizabalaga; Miguel Ángel Pardo; Nicolas Goñi; Ibon Cancio; Gilad Heinisch; Molly Lutcavage; W. Stewart Grant; Andone Estonba.
- 30** **Title of the work:** "Estuarine connectivity: Assessing species vulnerability to global change" "
Name of the conference: 2nd Climate Change Symposium - Effects of Climate Change on the World's Oceans.
Type of participation: Participatory - oral communication
City of event: Yeosu, Japan
Date of event: 05/2012
Guillem Chust; Aitor Albaina; Aizkorri Aranburu; Ángel Borja; Onno E. Diekmann; Andone Estonba; Javier Franco; Joxe M. Garmendia; Mikel Iriondo; Fernando Rendo; J. Germán Rodríguez; Otsanda Ruiz-Larrañaga; Iñigo Muxika; Mireia Valle.
- 31** **Title of the work:** "Intron/exon boundary prediction for SNP discovery from transcriptome assemblies"
Name of the conference: XI Jornadas de Bioinformática
Type of participation: Participatory - poster
City of event: Barcelona, Spain
Date of event: 01/2012
Darrell Conklin; Aitor Albaina; Iratxe Montes; Pablo Markaide; Iratxe Zarraonaindia; Andone Estonba.



- 32** **Title of the work:** "Applying molecular markers to address connectivity among Basque estuaries; the cockle (*Cerastoderma edule*) example"
Name of the conference: Scientific Symposium 'Vulnerability of coastal ecosystems to global change and extreme events - At the crossroads of knowledge to the benefit of coastal and marine ecosystem services'
Type of participation: 'Participatory - poster'
City of event: Biarritz, France
Date of event: 10/2011
 Aitor Albaina; Guillem Chust; Otsanda Ruiz-Larrañaga; J. Germán Rodríguez; Fernando Rendo; Mikel Iriondo; Unai Aldalur; Aizkorri Aranburu; Ángel Borja; Andone Estonba.
- 33** **Title of the work:** Ponente en la mesa redonda "Identificación de especies en los estudios de microalgas nocivas"
Name of the conference: XI Reunión Ibérica sobre Microalgas Nocivas y Biotoxinas
Type of participation: Participatory - others **Reasons for participation:** Upon invitation
City of event: Bilbao, Basque Country, Spain
Date of event: 30/05/2011
Organising entity: UPV/EHU **Type of entity:** University
- 34** **Title of the work:** "Predation impact on juvenile plaice (*Pleuronectes platessa*) in its nursery ground (Tralee Beach, Scotland); field application of a TaqMan real-time PCR based assay targeting plaice DNA"
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference 2010
Type of participation: Participatory - oral communication
City of event: Nantes, France
Date of event: 09/2010
Organising entity: International Council for the Exploration of the Sea
 Aitor Albaina; Martin Taylor; Clive Fox.
- 35** **Title of the work:** "Fine scale zooplankton distribution in the Bay of Biscay in spring"
Name of the conference: I Simposio Internacional de Ciencias del Mar / Simposio GLOBEC-IMBER España
Type of participation: 'Participatory - poster'
City of event: Valencia, Spain
Date of event: 03/2007
Organising entity: GLOBEC-IMBER
 Aitor Albaina; Xabier Irigoien.
- 36** **Title of the work:** "Seasonal variations of planktonic copepods and their benthic eggs in two estuaries of the Bay of Biscay"
Name of the conference: 31ª edición del congreso de la ECSA (Estuaries and Coasts Science Association)
Type of participation: 'Participatory - poster'
City of event: Bilbao, Spain
Date of event: 03/2007
Organising entity: ECSA (Estuaries and Coasts Science Association)
 Raquel Masero; Aitor Albaina; Fernando Villate.
- 37** **Title of the work:** "First steps in order to quantify predation on plaice (*Pleuronectes platessa*) nursery grounds using molecular markers"
Name of the conference: 7th International Flatfish Symposium
Type of participation: Participatory - oral communication
City of event: Sesimbra, Portugal
Date of event: 02/2007



Aitor Albaina; Martin Taylor; Clive Fox; Natasha Taylor.

- 38 Title of the work:** “The effect of the parasitic dinoflagellate *Ellobiopsis* sp. on *Calanus helgolandicus* and *Calanoides carinatus* fecundity in the Bay of Biscay”
Name of the conference: ASLO (American Society of Limnology and Oceanography) Summer Meeting
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 06/2005
Organising entity: American Society of Limnology and Oceanography
 Aitor Albaina; Xabier Irigoien.
- 39 Title of the work:** “Exploring loopholes: a mechanism for anchovy survival in the Bay of Biscay”
Name of the conference: International Council for the Exploration of the Sea Annual Science Conference
Type of participation: Participatory - oral communication
City of event: Vigo, Spain
Date of event: 09/2004
Organising entity: International Council for the Exploration of the Sea
 Xabier Irigoien; Andrés Uriarte; Maria Santos; Iñaki Artetxe; Aitor Albaina; Leire Ibaibarriaga; Lorenzo Motos; Angel Lopez Urrutia; Anthony Richardson.
- 40 Title of the work:** “Monitoring oxygen-plankton relationships in the euhaline region of the estuary of Bilbao during 1998-2002”
Name of the conference: II Plankton Symposium
Type of participation: 'Participatory - poster
City of event: Vigo, Spain
Date of event: 10/2003
 Javier Luezas; Ibón Uriarte; Aitor Albaina; Fernando Villate.
- 41 Title of the work:** “First steps in order to develop a zooplanktonic pollution index for European estuaries”
Name of the conference: ICES-PICES-GLOBEC Third International Zooplankton Production Symposium
Type of participation: 'Participatory - poster
City of event: Gijón, Spain
Date of event: 05/2003
Organising entity: ICES-PICES-GLOBEC
 Aitor Albaina; Fernando Villate.
- 42 Title of the work:** “Inter-annual variability of the mesozooplankton in the marine region of two nearby estuaries of the Basque coast (Bay of Biscay) during 1997-2001”
Name of the conference: Third International Zooplankton Production Symposium
Type of participation: 'Participatory - poster
City of event: Gijón, Spain
Date of event: 05/2003
Organising entity: ICES-PICES-GLOBEC
 Fernando Villate; Ibón Uriarte; Aitor Albaina.
- 43 Title of the work:** “Spring zooplankton communities in the Bay of Biscay, relationships with mesoscale structures”
Name of the conference: ICES-PICES-GLOBEC Third International Zooplankton Production Symposium
Type of participation: 'Participatory - poster
City of event: Gijón, Spain
Date of event: 05/2003



Organising entity: ICES-PICES-GLOBEC

Aitor Albaina; Xabier Irigoien.

44 Title of the work: "Zooplankton spring distribution in the Bay of Biscay: Biomass and size distribution using image analysis"

Name of the conference: ICES-PICES-GLOBEC Fourth International Zooplankton Production Symposium

Type of participation: 'Participatory - poster

City of event: Hiroshima, Japan

Date of event: 28/05/2001

Organising entity: ICES-PICES-GLOBEC

Xabier Irigoien; Agurtzane Urtizberea; Aitor Albaina; Maria Santos.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1 Committee title:** Chair of the Working Group on Integrated Morphological and Molecular Taxonomy (WGIMT)
Primary (UNESCO code): 240108 - Animal genetics; 240115 - General zoology; 240119 - Marine zoology; 240191 - Invertebrates not Insects
Affiliation entity: ICES (International Council for the Exploration of the Sea)
Start-End date: 01/01/2023 - 01/01/2026
- 2 Committee title:** Miembro del equipo de co-creación del Polo de conocimiento "Salud y valorización sostenible de los océanos." de la Fundación Euskampus .
Affiliation entity: Euskampus **Type of entity:** Foundation
City affiliation entity: Leioa, Basque Country, Spain

Organization of R&D activities

Title of the activity: Working Group on the Application of Genetics in Fisheries and Mariculture

Type of activity: Organización de reunión científica **Geographical area:** Non EU International (Working Group)

Convening entity: UPV/EHU y AZTI-Tecnalia

City convening entity: Derio, Basque Country, Spain

Type of participation: Organiser

Start-End date: 02/05/2012 - 04/05/2012

Duration: 3 days

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** University of Wales
City of entity: Bangor, West Wales and The Valleys, United Kingdom
Start-End date: 01/2008 - 12/2009 **Duration:** 2 years
Funding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Name of programme: Ayuda para perfeccionamiento de doctores en el extranjero (beca postdoctoral)
Goals of the stay: Post-doctoral
Provable tasks: Cuantificación del impacto de la predación en estadios tempranos de peces planos (Pleuronectiformes) mediante la aplicación de nuevas técnicas moleculares
- 2** **Entity:** Alfred Wegener Institut
City of entity: Bremerhaven, Germany
Start-End date: 09/2004 - 10/2004 **Duration:** 33 days
Funding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco.
Name of programme: ayuda para estancias cortas en centros distintos al de formación
Goals of the stay: Doctorate
Provable tasks: Técnicas para estimar la producción secundaria en zooplancton
- 3** **Entity:** Plymouth Marine Laboratory **Type of entity:** R&D Centre
City of entity: Plymouth, United Kingdom
Start-End date: 06/2003 - 07/2003 **Duration:** 33 days
Funding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco.
Name of programme: ayuda para estancias cortas en centros distintos al de formación
Goals of the stay: Doctorate
Provable tasks: Técnicas experimentales con zooplancton y fitoplancton

Obtained grants and scholarships

- 1** **Name of the grant:** Ayuda para perfeccionamiento de doctores en el extranjero (beca postdoctoral) (Enero 2008-Diciembre 2009): "Cuantificación del impacto de la predación en estadios tempranos de peces planos (Pleuronectiformes) mediante la aplicación de nuevas técnicas moleculares"
Aims: Post-doctoral
Awarding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 01/2008 **Duration:** 2 years
End date: 12/2009
Entity where activity was carried out: University of Wales
Faculty, institute or centre: School of Biological Sciences
- 2** **Name of the grant:** Beca de formación de investigadores (desde Octubre 2002 a Septiembre de 2006): "Variaciones espacio-temporales de la producción zooplanctónica en el Golfo de Vizcaya"
Aims: Pre-doctoral
Awarding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 10/2002 **Duration:** 4 years
End date: 09/2006

Entity where activity was carried out: FUNDACION AZTI - AZTI FUNDAZIOA

Faculty, institute or centre: Dpto. de Recursos Pesqueros

- 3** **Name of the grant:** Ayuda para estancias cortas en centros distintos al de formación
Aims: Ayuda para estancias durante la realización de la tesis doctoral
Awarding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 03/2004 **Duration:** 33 days
End date: 09/2004
Entity where activity was carried out: Alfred Wegener Institut (Bremerhaven-Germany)
- 4** **Name of the grant:** Ayuda para estancias cortas en centros distintos al de formación
Aims: Ayuda para estancias durante la realización de la tesis doctoral
Awarding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 02/2003 **Duration:** 33 days
End date: 06/2003
Entity where activity was carried out: Plymouth Marine Laboratory (Plymouth; Reino Unido)
- 5** **Name of the grant:** Beca de formación de tecnólogos e investigadores en el sector agropesquero vasco (Marzo-Septiembre 2002): "Vigilancia ambiental de la contaminación de la costa vasca mediante indicadores biológicos" (mediante el estudio del zooplancton) en el
Aims: Beca de formación de tecnólogos e investigadores en el sector agropesquero vasco
Awarding entity: Dpto. de Agricultura y Pesca del Gobierno Vasco
Conferral date: 03/2002
End date: 09/2002
Entity where activity was carried out: FUNDACION AZTI - AZTI FUNDAZIOA
Faculty, institute or centre: Dpto. de Oceanografía y Medio Ambiente Marino de la fundación AZTI.
- 6** **Name of the grant:** Beca de introducción a la investigación agropesquera (Octubre 2001-Febrero 2002): "Métodos directos de evaluación de especies pelágicas" (Estudios de biología reproductiva de la merluza)
Aims: Beca de introducción a la investigación agropesquera
Awarding entity: Dpto. de Agricultura y Pesca del Gobierno Vasco
Conferral date: 10/2001
End date: 02/2002
Entity where activity was carried out: FUNDACION AZTI - AZTI FUNDAZIOA
Faculty, institute or centre: Dpto. de Recursos Pesqueros
- 7** **Name of the grant:** Beca de colaboración en la investigación (2000-2001) en el laboratorio de Ecología de Estuarios y Sistemas Costeros de la Universidad del País Vasco realizando el monitoreo ecológico del mesozooplankton en dos estuarios vascos: la Ría de Bilbao y el estuario de Urdaibai (1999-2001)
Aims: Beca de colaboración
Awarding entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 11/2000 **Duration:** 1 year
Entity where activity was carried out: Universidad del País Vasco
Faculty, institute or centre: Facultad de Ciencia y Tecnología

Summary of other achievements

- 1** **Description of the achievement:** Participación como experto en la redacción de la nueva versión del índice de biodiversidad urbana o índice de Singapur. LINK; ISBN 9789292257163 (print version), ISBN 9789292257170 (web version).
Accrediting entity: Secretariat of the Convention on Biological Diversity and National Parks Board, Singapore
Conferral date: 2021
- 2** **Description of the achievement:** Participación en el equipo de redacción del Plan de Acción para la Transición Energética Integrada de Vitoria-Gasteiz 2021-2030 a resultados de la participación en los proyectos SMARTENCITY (H2020) e INTENSIFY (Interreg Europa): <https://www.vitoria-gasteiz.org/we001/was/we001Action.do?idioma=es&accionWe001=adjunto&nombre=92462.pdf>
Accrediting entity: Ayuntamiento de Vitoria-Gasteiz **Type of entity:** Dpto. de Territorio y Acción por el Clima
Conferral date: 2021
- 3** **Description of the achievement:** Participación con el rol de experto en ciudades sostenibles en el desarrollo y la evaluación del piloto del programa EVOKE del Banco Mundial en la Universidad EAN de Colombia. Proyecto de innovación educativa denominado "Blockchain for Youth Engagement and Value Exchange"
Accrediting entity: Banco Mundial - The World Bank
Conferral date: 2020
- 4** **Description of the achievement:** Miembro desde 2019 hasta 2021 del Grupo de Trabajo sobre Soluciones Basadas en la Naturaleza de la Fundación CONAMA en representación del Centro de Estudios Ambientales de Vitoria-Gasteiz. <http://sbn.conama.org/web/es/quienes-somos/comite-de-expertos.html>
Accrediting entity: Fundación CONAMA
Conferral date: 2019
- 5** **Description of the achievement:** Impartición de formación sobre "Aplicación del ADN Ambiental en la gestión del patrimonio natural"; impartido a técnicos de la Diputación Foral de Bizkaia
Accrediting entity: Diputación Foral de Bizkaia
Conferral date: 27/04/2018
- 6** **Description of the achievement:** Asistencia al curso "V Edición Curso Avanzado en Gestion de Proyectos Internacionales de I+D+i"
Accrediting entity: INNOBASQUE (Agencia Vasca de la Innovación) **Type of entity:** State agency
City accrediting entity: Basque Country, Spain
Conferral date: 12/2016
- 7** **Description of the achievement:** Acreditado como PERSONAL DOCTOR INVESTIGADOR en el campo de conocimiento CIENCIAS EXPERIMENTALES
Accrediting entity: Agencia de Evaluación de la Calidad y Acreditación del Sistema Universitario Vasco (UNIBASQ)
Conferral date: 27/03/2015
- 8** **Description of the achievement:** Acreditado como PROFESOR AYUDANTE DOCTOR en el campo de conocimiento CIENCIAS EXPERIMENTALES por el Programa de Evaluación del Profesorado para la contratación (PEP)



Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)

Conferral date: 02/2015

- 9 Description of the achievement:** Acreditado como PROFESOR CONTRATADO DOCTOR en el campo de conocimiento CIENCIAS EXPERIMENTALES por el Programa de Evaluación del Profesorado para la contratación (PEP)

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)

Conferral date: 02/2015

- 10 Description of the achievement:** Acreditado como PROFESOR UNIVERSIDAD PRIVADA en el campo de conocimiento CIENCIAS EXPERIMENTALES por el Programa de Evaluación del Profesorado para la contratación (PEP)

Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación (ANECA)

Conferral date: 02/2015

- 11 Description of the achievement:** workshop “Molecular tools for detecting alien species and Harmful Algal Blooms (HABs)”

Accrediting entity: Azti Tecnalia

Type of entity: Technological Centre

City accrediting entity: Bilbao, Basque Country, Spain

Conferral date: 11/2013

- 12 Description of the achievement:** Acreditado como PROFESORADO ADJUNTO en el campo de conocimiento CIENCIAS EXPERIMENTALES en la UNIVERSIDAD DEL PAIS VASCO-EUSKAL HERRIKO UNIBERTSITATEA (UPV-EHU)

Accrediting entity: Agencia de Evaluación de la Calidad y Acreditación del Sistema Universitario Vasco (UNIBASQ)

Conferral date: 10/2012

- 13 Description of the achievement:** Asistencia al curso “Secuenciación y Genotipado de ADN: Marcadores, Aplicaciones, Metodologías y Análisis de Datos”

Accrediting entity: Unidad de Secuenciación y Genotipado del Servicio de Genómica (SGIKER) de la Universidad del País Vasco (UPV/EHU)

City accrediting entity: Leioa, Basque Country, Spain

Conferral date: 05/2012

- 14 Description of the achievement:** -Participación en el II Seminario Internacional “Huella genética : análisis de restos altamente degradados”

Accrediting entity: Grupo de Investigación BIOMICS (Facultad de Farmacia, UPV/EHU; Vitoria-Gasteiz)

City accrediting entity: Vitoria-Gasteiz, Basque Country, Spain

Conferral date: 02/2012

- 15 Description of the achievement:** “2012 Workshop on Genomics”

Accrediting entity: evomics.org

City accrediting entity: Český Krumlov, Czech Republic

Conferral date: 01/2012

- 16 Description of the achievement:** -“Workshop on Biogeography and Phylogeography of Atlantic Fishes”

Accrediting entity: Eco-Ethology Research Unit (EERU) del Instituto Superior de Psicología Aplicada (ISPA) de Portugal

City accrediting entity: Lisboa, Portugal

Conferral date: 11/2011



- 17** **Description of the achievement:** -“Curso de Bioinformática: introducción al análisis de secuencias”
Accrediting entity: Grupo de Investigación UPM Mejora Genética de Plantas.Place: E.T.S.I. Agrónomos, Madrid
City accrediting entity: Madrid, Community of Madrid, Spain
Conferral date: 09/2011
- 18** **Description of the achievement:** Curso “Computational Biology: from Data to Hypotheses”
Accrediting entity: Unidad de Biofísica (Centro Mixto CSIC-UPV/EHU)
City accrediting entity: Bilbao, Basque Country, Spain
Conferral date: 07/2011
- 19** **Description of the achievement:** “Workshop on some problems in the analysis of high-throughput sequencing data”
Accrediting entity: Institució Catalana de Recerca i Estudis Avançats (ICREA)
City accrediting entity: Barcelona, Catalonia, Spain
Conferral date: 02/2011
- 20** **Description of the achievement:** Curso “Curso avanzado de Linux”
Accrediting entity: IAESTE
City accrediting entity: Bilbao, Basque Country, Spain
Conferral date: 11/2010
- 21** **Description of the achievement:** Curso “Seminario de introducción a Linux”
Accrediting entity: IAESTE
City accrediting entity: Bilbao, Basque Country, Spain
Conferral date: 10/2010
- 22** **Description of the achievement:** I Workshop “Massive parallel sequencing using 454”
Accrediting entity: Roche e IrsiCaixa
City accrediting entity: Barcelona, Catalonia, Spain
Conferral date: 03/2010
- 23** **Description of the achievement:** Ayuda para perfeccionamiento de doctores en el extranjero (beca postdoctoral) (Enero 2008-Diciembre 2009): “Cuantificación del impacto de la predación en estadios tempranos de peces planos (Pleuronectiformes) mediante la aplicación de nuevas técnicas moleculares” en el Molecular Ecology and Fisheries Genetics Laboratory (School of Biological Sciences, University of Wales-Bangor; Reino Unido); tutores Dr. Martin Taylor (University of Wales, Bangor) and Dr. Clive Fox (Scottish Association for Marine Science, Oban)
Accrediting entity: Dpto. de Educación, Universidades e Investigación del Gobierno Vasco
Conferral date: 12/2007
- 24** **Description of the achievement:** SPACC-GLOBEC Workshop “Image Analysis to Count and Identify Zooplankton” San Sebastián, 1-3 Noviembre 2005
Accrediting entity: AZTI-Tecnalia **Type of entity:** Foundation
City accrediting entity: Donostia-San Sebastián, Basque Country, Spain
Conferral date: 11/2005
- 25** **Description of the achievement:** Curso de periodismo científico” (4ª edición) impartido por la Escuela de Periodismo El País/UAM (Universidad Autónoma de Madrid)
Accrediting entity: Universidad Autónoma de Madrid **Type of entity:** University
Conferral date: 07/2005



- 26** **Description of the achievement:** Curso “Introducción a ArcGis I y II”
Accrediting entity: ESRI España
Conferral date: 06/2004
- 27** **Description of the achievement:** - “Zooplankton Taxonomy Workshop” organizado por el SAHFOS y el ICES (Plymouth 10-13 Junio 2003)
Accrediting entity: Sir Alister Hardy Foundation for Ocean Science
Type of entity: R&D Centre
City accrediting entity: Plymouth, United Kingdom
Conferral date: 06/2003
- 28** **Description of the achievement:** curso “Estadística espacial aplicada”
Accrediting entity: EUSTAT (Instituto Vasco de Estadística)
Conferral date: 11/2002
- 29** **Description of the achievement:** -Miembro de los “Working Group on the Application of Genetics in Fisheries and Mariculture”, “WG on Integrated Morphological and Molecular Taxonomy” y “WG on Atlantic Fish Larvae and Eggs Surveys”; los 3 de ICES (International Council for the Exploration of the Sea)
Accrediting entity: International Council for the Exploration of the Sea
- 30** **Description of the achievement:** Participación en 7 campañas oceanográficas sumando > 100 días embarcado (Bioman 2010, 2006, 2005, 2004 y 2003, Dinaprofit 2004 y Predat 2009), más muestreos de estuarios-costas en embarcaciones neumáticas durante los años 1999-2001 y 2008-2009.
Accrediting entity: UPV/EHU; AZTI-Tecnalia, CEFAS (UK)
- 31** **Description of the achievement:** Publicación de divulgación científica en Ikerbasque News. <http://news.ikerbasque.net/en/new-snps-discovered-in-european-anchovy/>. “New SNPs discovered in European anchovy.”
Accrediting entity: FUNDACION IKERBASQUE/IKERBASQUE FUNDAZIOA