



**Albert Fernández Chacón**

Generated from: Editor CVN de FECYT

Date of document: 15/09/2020

**v 1.4.3**

725c64805ed3ff99634aa81520909389

This electronic file (PDF) has embedded CVN technology (CVN-XML). The CVN technology of this file allows you to export and import curricular data from and to any compatible data base. List of adapted databases available at: <http://cvn.fecyt.es/>



## 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.

### Personal information:

I am a 35 year-old biologist with a PhD in animal demography by the University of Barcelona, currently based in Oslo (Norway) and with 11 years of demonstrated professional experience as a researcher in Spain, Norway, and France. I am a nature enthusiast interested in the ecological study and conservation of natural systems, species and populations. I am married and have 2 children (4 years-old and 3 months-old).

### Academic trajectory:

After completing my bachelor's degree in Biology (2007) and a Masters in Environmental Studies (2008), I was awarded with a FPU scholarship (2009-2013) to conduct my PhD thesis at the Mediterranean Institute for Advanced Studies (IMEDEA, CSIC), supervised by Dr. Daniel Oro. My PhD project focused on the population ecology of different animal species by applying different modelling approaches for the understanding of the mechanisms driving their population dynamics and for their conservation diagnosis. The ecological data required for my PhD project were collected in part by myself, through several fieldwork campaigns and in part thanks to collaborations established by myself between my research team and other Spanish institutions. As part of my formation in biostatistics and ecological modelling, during my PhD I did two temporal stays abroad, the first one (2010) at the CNRS in Montpellier (France), supervised by Dr. Roger Pradel, and the second one (2011) at the Patuxent Wildlife Research Center in Maryland (USA) supervised by Dr. Jim Nichols. After the completion of my PhD in 2013, I started to work as a postdoctoral researcher at the Institute of Marine Research, in Norway, where I conducted research on Marine Protected Areas (MPAs) under the framework of the PROMAR project (2013-2015), funded by the Norwegian Research Council. As part of this project, I evaluated the demographic impacts of fishing practices and partial protection on Atlantic cod populations in Southern Norway. In 2016 I obtained a 2-year Juan de la Cierva Fellowship and moved to the University of Oviedo (Spain), where I continued focusing my research on animal population dynamics in combination with teaching Ecology and Fish & Wildlife management courses for undergraduate students in Biology and Forestry. In June 2018, I became employed for 7 months by the association Bretagne Vivante (France) to perform a demographic study on storm petrels at the Iroise Natural Park (Brittany, France) which hosts the largest breeding colony of the species in France. Then I moved to Norway again, with my family, and since September 2019, I am a postdoc at the Centre for Coastal



Research (CCR) of the University of Agder (Norway), where I am conducting research on the eco-evolutionary dynamics of coastal species in Southern Norway.

Scientific achievements:

Throughout my academic career, I have become an expert in several scientific disciplines and research methods such as population ecology, conservation biology, demographic analysis, capture-recapture models and adaptive management. My pre- and postdoctoral experience has also allowed me to gather knowledge on how to plan and conduct fieldwork, perform teaching activities, evaluate students and organize outreach events. Additionally, I have learned how to program in R, use specialized statistical software (i.e. MARK, E-SURGE, PRESENCE), manage large datasets, work in interdisciplinary and international teams and communicate science in international conferences.



## 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.

Period of academic activity: 2009-current

Career breaks: August-September 2016 (1-month paternity leave in Spain), January-September 2019 (9 months of unemployment in Norway, used as a training period)

Total number of publications: 12 (1st publication in 2011)

Number of 1st author publications: 7 (4 corresponding to PhD thesis work)

Total number of citations: 319

Number of citations since 2015: 252

Number of citations on the most cited scientific paper: 74

Number of PhD theses evaluated externally: 3

Number of university courses taught: 2 (University of Oviedo)

Number of national and international scientific projects I have been part of: 7

H-Index: 8 (Google scholar, September 2020).

## Albert Fernández Chacón

Surname(s): **Fernández Chacón**  
Name: **Albert**  
ORCID: **0000-0003-4105-0090**  
Personal web page: **<https://alfecha.wixsite.com/afernandezchacon>**

### Current professional situation

**Employing entity:** University of Agder                      **Type of entity:** University  
**Department:** Faculty of Engineering and Science - Center for Coastal Research  
**Professional category:** Postdoctoral Researcher  
**Start date:** 02/09/2019  
**Type of contract:** Temporary employment                      **Dedication regime:** Full time contract  
**Primary (UNESCO code):** 240102 - Animal behaviour; 240106 - Animal ecology; 240119 - Marine zoology; 240401 - Biostatistics  
**Secondary (UNESCO code):** 520604 - Biological characteristics; 520606 - General demographic structures; 520703 - Observational demography; 520705 - Population estimates; 520710 - Statistics of populations  
**Tertiary (UNESCO code):** 310508 - Game; 310509 - Habitat influences; 310510 - Population dynamics; 310512 - Wild life conservation and management  
**Identify key words:** Applications to geologic and biological sciences; Experimental designs; Survival analysis and censured data; Parametric inference; Linear inference, regression; Non parametric inference; Probabilistic methods; Climate change; Hunting regulations; Protection of animals; Conservation of resources; Nature reserve; Fishery resources; Applied zoology; Nature conservation; Animal life; Protected species; Marine life; Ecology

### Previous positions and activities

|          | <b>Employing entity</b>                     | <b>Professional category</b>                          | <b>Start date</b> |
|----------|---|---|-------------------|
| <b>1</b> | Bretagne Vivante SEPNB                      | Researcher - Quantitative ecologist                   | 01/06/2018        |
| <b>2</b> | Universidad de Oviedo                       | Postdoctoral Researcher - Juan de la Cierva Formacion | 01/06/2016        |
| <b>3</b> | Institute of Marine Research                | Postdoctoral Research Associate                       | 01/10/2013        |
| <b>4</b> | Instituto Mediterráneo d Estudios Avanzados | PhD student (FPU)                                     | 01/08/2009        |
| <b>5</b> | Instituto Mediterráneo d Estudios Avanzados | Grant holder  | 01/10/2008        |
| <b>6</b> | Montsaly-Montmedi                           | Technician  | 01/03/2007        |

**1** **Employing entity:** Bretagne Vivante SEPNB                      **Type of entity:** Associations and Groups  
**Professional category:** Researcher - Quantitative ecologist  
**Start-End date:** 01/06/2018 - 31/12/2018                      **Duration:** 7 months

- 2** **Employing entity:** Universidad de Oviedo **Type of entity:** University  
**Professional category:** Postdoctoral Researcher - Juan de la Cierva Formacion  
**Start-End date:** 01/06/2016 - 31/05/2018 **Duration:** 2 years
- 3** **Employing entity:** Institute of Marine Research **Type of entity:** R&D Centre  
**Department:** Populaton Genetics and Ecology, Flodevigen Research Station  
**City employing entity:** Bergen, Norway  
**Professional category:** Postdoctoral Research Associate  
**Start-End date:** 01/10/2013 - 30/09/2015 **Duration:** 2 years  
**Type of contract:** Temporary employment contract  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 240106 - Animal ecology; 240119 - Marine zoology; 240401 - Biostatistics; 310504 - Fish preservation; 310506 - Fishing mechanics; 310510 - Population dynamics; 310512 - Wild lile conservation and management  
**Performed tasks:** Postdoctoral research under project PROMAR, focused on the study of population dynamics (survival, abundance, dispersal and individual growth rates) of Atlantic cod and European lobster, inside and outside Marine Protected Areas (MPAs) in Southern Norway, being of special interest the estimation of mortality rates associated to different fishing gear as well as predicted mortality under future fishery management scenarios.
- 4** **Employing entity:** Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency  
**Department:** Biodiversidad y Conservacion  
**City employing entity:** Esporles, Balearic Islands, Spain  
**Professional category:** PhD student (FPU)  
**Start-End date:** 01/08/2009 - 31/07/2013 **Duration:** 4 years  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 120000 - Mathematics; 240000 - Life Science; 520000 - Demography  
**Secondary (UNESCO code):** 240100 - Animal Biology (Zoology); 240400 - Biomathematics; 520500 - Mortality; 520700 - Population sine and Demographie evolution  
**Tertiary (UNESCO code):** 120903 - Data analysis; 240106 - Animal ecology; 240109 - Animal growth; 240115 - General zoology; 240116 - Herpetology; 240117 - Invertebrates; 240120 - Ornithology; 240401 - Biostatistics; 520602 - Age distribution; 520606 - General demographic structures  
**Performed tasks:** PhD thesis research in population ecology, including formation in quantitative ecology (mainly capture-recapture data analyses and populaton modelling) and fieldwork techniques (wildlife monitoring, population censuses, bird banding etc.)  
**Identify key words:** Entomology; Population biology; Habitat and species restoration and rehabilitation; Nature conservation; Animal life; Protected species; Animal ecology; Global change; Applied ecology
- 5** **Employing entity:** Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency  
**Department:** Biodiversidad y Conservacion  
**Professional category:** Grant holder  
**Start-End date:** 01/10/2008 - 31/12/2008 **Duration:** 3 months  
**Type of contract:** Temporary  
**Dedication regime:** Full time  
**Primary (UNESCO code):** 120000 - Mathematics; 240000 - Life Science; 520000 - Demography  
**Secondary (UNESCO code):** 120800 - Probability; 120900 - Statistics; 240100 - Animal Biology (Zoology); 520500 - Mortality



**Tertiary (UNESCO code):** 120903 - Data analysis; 240106 - Animal ecology; 240120 - Ornithology; 520501 - Causes of mortality

**Performed tasks:** Initiation to research grant (Javier Benedi). Formation in capture-recapture data analysis and seabird population monitoring in Mallorca (Balearic Islands, Spain)

**Identify key words:** Animal ecology; Global change

**6** **Employing entity:** Montsaly-Montmedi **Type of entity:** Business

**City employing entity:** Sabadell, Catalonia, Spain

**Professional category:** Technician

**Start-End date:** 01/03/2007 - 01/09/2007

**Duration:** 6 months

**Type of contract:** Temporary employment contract

**Dedication regime:** Full time

**Primary (UNESCO code):** 240000 - Life Science; 310000 - Agricultural Sciences

**Secondary (UNESCO code):** 241300 - Insect Biology (Entomology); 310300 - Agronomy

**Tertiary (UNESCO code):** 241301 - General entomology; 310107 - Insecticidas; 310109 - Pesticidas

**Performed tasks:** Pest control technician

**Identify key words:** Environmental science





## Education

### University education

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

- 1 University degree:** Higher degree  
**Name of qualification:** MSc Environmental Studies  
**City degree awarding entity:** Cerdanyola del Valles, Catalonia, Spain  
**Degree awarding entity:** Universitat Autònoma de Barcelona **Type of entity:** University  
**Date of qualification:** 16/09/2008
- 2 University degree:** Higher degree  
**Name of qualification:** BSc Biology  
**City degree awarding entity:** Cerdanyola del Valles, Catalonia, Spain  
**Degree awarding entity:** Universitat Autònoma de Barcelona **Type of entity:** University  
**Date of qualification:** 14/02/2007  
**Prize:** Special award for degree

### Doctorates

**Doctorate programme:** PhD in Biology (Biodiversity Program)  
**Degree awarding entity:** Universitat de Barcelona **Type of entity:** University  
**City degree awarding entity:** Barcelona, Catalonia, Spain  
**Date of degree:** 01/10/2013  
**DEA awarding entity:** Universitat Autònoma de Barcelona  
**Date DEA was awarded:** 16/09/2008  
**European doctorate:** Yes **Date of certificate:** 01/10/2013  
**Thesis title:** Demographic analysis and population models in ecology, evolution and conservation: a transversal approach with case studies  
**Thesis director:** Daniel Oro De Rivas  
**Thesis co-director:** Meritxell Genovart Millet  
**Obtained qualification:** Excelente Cum Laude

### Specialised, lifelong, technical, professional and refresher training (other than formal academic and healthcare studies)

- 1 Training title:** Marie Skłodowska-Curie Master Class  
**Awarding entity:** University of Oslo **Type of entity:** University  
**End date:** 10/05/2019 **Duration in hours:** 21 hours





- 2** **Training title:** FRIPRO Young research talents Workshop  
**Awarding entity:** University of Oslo  
**End date:** 07/03/2019  
**Type of entity:** University  
**Duration in hours:** 3 hours
- 3** **Training title:** The Art of Science: Scientific Illustration  
**Awarding entity:** Transmitting Science  
**End date:** 24/11/2017  
**Type of entity:** Business  
**Duration in hours:** 25 hours
- 4** **Training title:** Hierarchical models made easy  
**Awarding entity:** Agropolis Montpellier  
**End date:** 01/08/2015  
**Type of entity:** R&D Centre
- 5** **Type of training:** Course  
**Training title:** Data exploration and analysis using R  
**City awarding entity:** Arendal, Norway  
**Awarding entity:** Highland Statistics  
**Training manager:** Elena Ieno  
**End date:** 18/10/2013  
**Type of entity:** Business  
**Duration in hours:** 30 hours
- 6** **Type of training:** Course  
**Training title:** Patterns and Dynamics of Species Occurrence  
**City awarding entity:** Laurel, United States of America  
**Awarding entity:** Proteus  
**Training manager:** Darryl MacKenzie  
**End date:** 02/12/2011  
**Type of entity:** Business  
**Duration in hours:** 30 hours
- 7** **Type of training:** Workshop  
**Training title:** Bayesian Capture-Recapture Workshop  
**City awarding entity:** Saint Andrews, United Kingdom  
**Awarding entity:** CREEM  
**End date:** 06/07/2011  
**Type of entity:** R&D Centre  
**Duration in hours:** 20 hours
- 8** **Type of training:** Workshop  
**Training title:** Modelling individual histories with state uncertainty  
**City awarding entity:** Montpellier, Languedoc-Roussillon, France  
**Awarding entity:** Centre d'Ecologie Fonctionnelle et Evolutive  
**End date:** 19/11/2010  
**Type of entity:** R&D Centre  
**Duration in hours:** 30 hours
- 9** **Type of training:** Course  
**Training title:** Assessing population risk for endangered species Management  
**City awarding entity:** Jaca, Aragon, Spain  
**Awarding entity:** Universidad de Zaragoza  
**End date:** 03/09/2010  
**Type of entity:** University  
**Duration in hours:** 20 hours

## Language skills

| Language  | Listening skills | Reading skills | Spoken interaction | Speaking skills | Writing skills |
|-----------|------------------|----------------|--------------------|-----------------|----------------|
| Norwegian | B1               | B1             | A2                 | A2              | B1             |
| French    | C1               | C1             | B2                 | B2              | A2             |
| English   | C2               | C2             | C1                 | C1              | C2             |
| Catalan   | C2               | C2             | C2                 | C2              | C2             |
| Spanish   | C2               | C2             | C2                 | C2              | C2             |

## Teaching experience

### General teaching experience

- 1** **Type of teaching:** Official teaching  
**Name of the course:** Fish and Wildlife Management  
**Professional category:** Postdoctoral researcher  
**Type of programme:** Engineering  
**Type of subject:** Obligatory  
**University degree:** Forestry  
**Course given:** Population dynamics modelling  
**Top mark possible:** 10/10  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 24  
**Entity:** Universidad de Oviedo  
**Faculty, institute or centre:** Mieres Campus  
**City of entity:** Mieres, Principality of Asturias, Spain  
**Start date:** 2017  
**Subject language:** Spanish

**Type of teaching:** Practical work (classroom-problems)  
**Frequency of the activity:** 12  
**Type of entity:** University  
**End date:** 2018
- 2** **Type of teaching:** Official teaching  
**Name of the course:** Ecology  
**Type of programme:** Bachelor's degree  
**Type of subject:** Obligatory  
**University degree:** Biology  
**Course given:** Field ecology  
**Type of hours/ ECTS credits:** Hours  
**Hours/ECTS credits:** 14  
**Entity:** Universidad de Oviedo  
**Faculty, institute or centre:** Faculty of Biology  
**Department:** Ecology  
**City of entity:** Oviedo, Principality of Asturias, Spain  
**Start date:** 2016  
**Subject language:** Spanish

**Type of teaching:** Practical work (classroom-problems)  
**Frequency of the activity:** 2  
**Type of entity:** University  
**End date:** 2017



- 3** **Type of teaching:** Unofficial teaching  
**Name of the course:** Chordata  
**Type of programme:** Bachelor's degree  
**University degree:** Biology  
**Course given:** Ornithology and Arthropod courses  
**Type of hours/ ECTS credits:** Credits  
**Hours/ECTS credits:** 21  
**Entity:** Universitat de Barcelona  
**Faculty, institute or centre:** Faculty of Biology  
**Department:** Animal Biology  
**City of entity:** Barcelona, Catalonia, Spain  
**Start date:** 05/2012  
**Subject language:** Catalan
- Type of teaching:** Practical work (classroom-problems)  
**Frequency of the activity:** 3  
**Type of entity:** University  
**End date:** 06/2013

### Other activities/achievements not included above

- 1** **Description of the activity:** Environmental education  
**City of activity:** Esporles, Balearic Islands, Spain  
**Organising entity:** Escola de Natura d'Esporles  
**End date:** 2013  
**Type of entity:** Associations and Groups
- 2** **Description of the activity:** Museum guide - Environmental interpreter  
**City of activity:** Moia, Catalonia, Spain  
**Organising entity:** Museu de Moia  
**End date:** 2009  
**Type of entity:** Public institution
- 3** **Description of the activity:** Environmental education  
**City of activity:** Badalona, Catalonia, Spain  
**Organising entity:** ECOIMA  
**End date:** 2008  
**Type of entity:** Associations and Groups



## Scientific and technological experience

### Scientific or technological activities

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

- 1** **Name of the project:** iGENTAC project (Innovative tools applied to the monitoring of populations around Marine Protected Areas: Artificial Intelligence, Genetics and Acoustic Telemetry)  
**Type of project:** Research and development, including transfer **Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** Instituto de Investigaciones Marinas **Type of entity:** State agency  
**City of entity:** Vigo, Galicia, Spain  
**Name principal investigator (PI, Co-PI...):** Francisco Saborido Rey  
**N° of researchers:** 5  
**Type of participation:** Team member  
**Start-End date:** 03/08/2020 - 30/07/2021 **Duration:** 1 year  
**Participating entity/entities:** Fundación Biodiversidad ; Ministerio para la Transición Ecológica  
**Applicant's contribution:** I am responsible of estimating fish population densities and home ranges by applying spatial capture recapture models to individual detection data.
- 2** **Name of the project:** Demography of Atlantic storm petrel (*Hydrobates pelagicus*) at Iroise Natural Park (Brittany, France)  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** Regional  
**Degree of contribution:** Researcher  
**Entity where project took place:** Bretagne Vivante SEPNE **Type of entity:** Associations and Groups  
**City of entity:** Brest, Bretagne, France  
**N° of researchers:** 2  
**Type of participation:** Team member  
**Start-End date:** 01/06/2018 - 31/12/2018 **Duration:** 7 months  
**Participating entity/entities:** Bretagne Vivante SEPNE  
**Dedication regime:** Full time  
**Applicant's contribution:** I conducted fieldwork (capture of birds with mist-nets, bird ringing and morphometric measurements, and breeding population censuses) and analysed field data (demographic analyses). I was responsible of writing a scientific report and presenting results at project meetings.
- 3** **Name of the project:** Population dynamics and altitudinal distribution of the butterfly *Aglais urticae* along a latitudinal gradient: implications for climate change  
**Type of project:** Basic research (including archaeological digs, etc) **Geographical area:** National  
**Degree of contribution:** Researcher  
**Entity where project took place:** Universidad Rey Juan Carlos **Type of entity:** University  
**City of entity:** Madrid, Community of Madrid, Spain  
**Name principal investigator (PI, Co-PI...):** David Gutiérrez García



**Nº of researchers:** 8

**Funding entity or bodies:**

Ministerio de economía y competitividad

**Type of entity:** State agency

**City funding entity:** Madrid, Community of Madrid, Spain

Ministerio de economía y competitividad

**Type of entity:** State agency

**City funding entity:** Madrid, Community of Madrid, Spain

**Type of participation:** External collaborator

**Start-End date:** 2015 - 2018

**Duration:** 3 years

**Applicant's contribution:** I provided advice in occupancy modelling and helped in acquiring climatic data.

**4 Name of the project:** Role of Nature versus Humans in Shaping Fish Populations

**Degree of contribution:** Researcher

**Entity where project took place:** University of California-Berkeley

**Type of entity:** University

**City of entity:** Berkeley, United States of America

**Name principal investigator (PI, Co-PI...):** Stephanie Carlson; Esben Moland Olsen

**Nº of researchers:** 5

**Funding entity or bodies:**

Peder Sather Center for Advanced Studies

**Type of entity:** Foundation

**City funding entity:** Berkeley, United States of America

**Type of participation:** Team member

**Start-End date:** 2015 - 2017

**Duration:** 2 years

**Applicant's contribution:** I was responsible for analysing capture-recapture data on European Lobster and wrote a scientific manuscript.

**5 Name of the project:** Understanding fitness consequences of harvesting and protection of coastal marine resources – PROMAR

**Degree of contribution:** Researcher

**Entity where project took place:** IMR

**City of entity:** Arendal, Norway

**Funding entity or bodies:**

Norwegian Research Council

**Type of entity:** Public Research Body

**City funding entity:** Norway

**Type of participation:** Team member

**Start-End date:** 2010 - 2015

**Dedication regime:** Full time

**Applicant's contribution:** I was hired as a postdoc in this project from 2013 to 2015. Main scientific activities and achievements: Participation in fieldwork campaigns to collect capture-recapture (CR) data on cod and lobster in Southern Norway from 2013 to 2015, Analyse existing long-term CR datasets (2004-2015) and production of 4 research papers, 3 of them published or accepted before the end of the postdoc (October 2015).

**6 Name of the project:** Demography and population models: novel applications linking conservation, evolution and exploited species

**Degree of contribution:** Current university student

**Entity where project took place:** Instituto Mediterráneo d Estudios Avanzados

**Type of entity:** State agency

**City of entity:** Esporles, Balearic Islands, Spain

**Funding entity or bodies:**

MINISTERIO DE EDUCACION Y CIENCIA



**City funding entity:** Spain

**Type of participation:** Team member

**Start-End date:** 2010 - 2012

**Dedication regime:** Part time

**Applicant's contribution:** I was responsible of conducting fieldwork (bird ringing, reproductive success assessments and population censuses) during the annual monitoring of Audouin's gulls colonies at Delta de L'Ebre (spring months, from 2009 to 2011).

**7 Name of the project:** Spatio-temporal variation in the reproductive success of the slender-billed gull (*Larus genei*): consequences for the management of coastal wetlands

**Degree of contribution:** Current university student

**Entity where project took place:** Instituto Mediterráneo d Estudios Avanzados

**Type of entity:** State agency

**City of entity:** Tunisia

**Funding entity or bodies:**

Agencia Española de Cooperación Internacional

**Type of entity:** Agencia estatal

**City funding entity:** Madrid, Community of Madrid, Spain

Agencia Española de Cooperación Internacional

**Type of entity:** Agencia estatal

**City funding entity:** Madrid, Community of Madrid, Spain

**Type of participation:** Team member

**Start-End date:** 2009 - 2010

**Dedication regime:** Part time

**Applicant's contribution:** I participated as a field assistant and joined project meetings

## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

**1** Albert Fernández-Chacón; David Villegas Ríos; Even Moland; Marissa Baskett; Esben Moland Olsen; Stephanie Carlson. Protected areas buffer against harvest selection and rebuild phenotypic complexity. *Ecological Applications*. 30 - 5, 2020.

**Type of production:** Scientific paper

**Format:** Journal

**2** Loreley Guéry; Lauriane Rouan; S Descamps; Joel Bety; Albert Fernández Chacón; HG Gilchrist; Roger Pradel. Covariate and multinomial: accounting for distance in movement in capture-recapture analyses. *Ecology and Evolution*. 9 - 2, pp. 818 - 824. 2019.

**Type of production:** Scientific paper

**Format:** Journal

**3** Jason Hwan; Albert Fernández-Chacón; Mathieu Buoro; Stephanie M Carlson. Dry season survival of juvenile salmonids in an intermittent coastal stream. *Canadian Journal of Fisheries and Aquatic Sciences*. 08/2017.

**Type of production:** Scientific paper

**Format:** Journal

**Corresponding author:** No

**4** Albert Fernández-Chacón; Even Moland; Sigurd Heiberg Espeland; Alf Ring Kleiven; Esben Moland Olsen. Causes of mortality in depleted populations of Atlantic cod estimated from multi-event modelling of mark-recapture and recovery data. *Canadian Journal of Fisheries and Aquatic Sciences*. 07/2016.





**Type of production:** Scientific paper

**Format:** Journal

- 5** Alf Ring Kleiven; Albert Fernandez-Chacon; Jan-Harald Nordahl; Even Moland; Sigurd Heiberg Espeland; Halvor Knutsen; Esben Moland Olsen; Martin Castonguay. Harvest Pressure on Coastal Atlantic Cod (*Gadus morhua*) from Recreational Fishing Relative to Commercial Fishing Assessed from Tag-Recovery Data. {PLOS} {ONE}. 09/03/2016.

**Type of production:** Scientific paper

**Format:** Journal

- 6** Albert Fernández-Chacón; Even Moland; Sigurd Heiberg Espeland; Esben Moland Olsen; Henrik Österblom. Demographic effects of full vs. partial protection from harvesting: inference from an empirical before-after control-impact study on Atlantic cod. *Journal of Applied Ecology*. 03/07/2015.

**Type of production:** Scientific paper

**Format:** Journal

- 7** Albert Fernández-Chacón; Meritxell Genovart; David Álvarez; José M. Cano; Alfredo F. Ojanguren; Rolando Rodríguez-Muñoz; Alfredo G. Nicieza. Neighbouring populations, opposite dynamics: influence of body size and environmental variation on the demography of stream-resident brown trout (*Salmo trutta*). *Oecologia*. 01/2015.

**Type of production:** Scientific paper

**Format:** Journal

- 8** Albert Fernández-Chacón; Constantí Stefanescu; Meritxell Genovart; James D. Nichols; James E. Hines; Ferran Páramo; Marco Turco; Daniel Oro; Dylan Childs. Determinants of extinction-colonization dynamics in Mediterranean butterflies: the role of landscape, climate and local habitat features. *Journal of Animal Ecology*. 08/2013.

**Type of production:** Scientific paper

**Format:** Journal

- 9** Albert Fernández-Chacón; Meritxell Genovart; Roger Pradel; Giacomo Tavecchia; Albert Bertolero; Julia Piccardo; Manuela G. Forero; Isabel Afán; Jordi Muntaner; Daniel Oro. When to stay, when to disperse and where to go: survival and dispersal patterns in a spatially structured seabird population. *Ecography*. 04/03/2013.

**Type of production:** Scientific paper

**Format:** Journal

- 10** Meritxell Genovart; Ana Sanz-Aguilar; Albert Fernández-Chacón; Jose M. Igual; Roger Pradel; Manuela G. Forero; Daniel Oro; Alexandre Roulin. Contrasting effects of climatic variability on the demography of a trans-equatorial migratory seabird. *Journal of Animal Ecology*. 07/2012.

**Type of production:** Scientific paper

**Format:** Journal

- 11** M Constenla; M Carrassón; CM Moyà; A Fernández-Chacón; F Padrós; A Repullés-Albelda; FE Montero. Parasitisation by *Bathycercadium elongatum* (Digenea, Opecoelidae) in pyloric caeca of *Trachyrincus scabrus* (Teleostei, Macrouridae). *Diseases of Aquatic Organisms*. 06/10/2011.

**Type of production:** Scientific paper

**Format:** Journal

- 12** Albert Fernández-Chacón; Albert Bertolero; Arnau Amengual; Giacomo Tavecchia; Víctor Homar; Daniel Oro. Spatial heterogeneity in the effects of climate change on the population dynamics of a Mediterranean tortoise. *Global Change Biology*. 07/2011.

**Type of production:** Scientific paper

**Format:** Journal





## Works submitted to national or international conferences

- 1** **Title of the work:** Long-term changes in density and space use of European lobster in marine protected areas vs. adjacent fished sites: insights from spatial capture-recapture modelling  
**Name of the conference:** 6th International Marine Conservation Congress (IMCC)  
**Corresponding author:** Yes  
**City of event:** Kiel, Germany  
**Date of event:** 20/08/2020  
**End date:** 20/08/2020  
Albert Fernandez Chacon; David Villegas Rios; Susanna Huneide Thorbjørnsen; Even Moland; Esben Moland Olsen.
- 2** **Title of the work:** Applying evolutionary principles in management and conservation for improved outcomes  
**Name of the conference:** Australian Society for Fish Biology (ASFB) Conference  
**Corresponding author:** No  
**City of event:** Melbourne, Australia  
**Date of event:** 07/10/2018  
**End date:** 11/10/2018  
**Organising entity:** ASFB  
Stephanie Carlson; Albert Fernandez Chacon; David Villegas Rios; Marissa Baskett; Even Moland; Esben Moland Olsen.
- 3** **Title of the work:** An eco-evolutionary perspective on marine reserves  
**Name of the conference:** 5th European Congress of Conservation Biology (ECCB)  
**Corresponding author:** No  
**City of event:** Jyväskylä, Finland  
**Date of event:** 06/2018  
**End date:** 06/2018  
**Organising entity:** Society for Conservation Biology  
Esben Moland Olsen; David Villegas-Rios; Stephanie Carlson; Albert Fernandez-Chacon; Even Moland.
- 4** **Title of the work:** Demographic analyses and population models of the land snail *Iberus gualtieranus* (Gastropoda: Helicidae) in southern Iberian Peninsula  
**Name of the conference:** EUROMAL: European Congress of Malacological Societies  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** No  
**City of event:** Krakovia, Poland  
**Date of event:** 09/2017  
**End date:** 09/2017  
**Organising entity:** Polish Malacologist Association  
**City organizing entity:** Krakovia,  
Luis Javier Chueca; Albert Fernández-Chacón; José R Arrébola.
- 5** **Title of the work:** MPAs provide protection against harvest selection  
**Name of the conference:** 147th Annual Meeting of the American Fisheries Society  
**Type of event:** Conference **Geographical area:** Non EU International  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** No

**City of event:** Tampa, United States of America

**Date of event:** 22/08/2017

**End date:** 22/08/2017

**Organising entity:** American Fisheries Society

**City organizing entity:** United States of America

Stephanie M Carlson; Albert Fernández-Chacón; David Villegas Ríos; Marissa Baskett; Even Moland; Esben Moland Olsen.

**6 Title of the work:** Intrinsic factors influencing post-release survival of wild and hatchery-reared brown trout introduced in a mountain stream

**Name of the conference:** World Conference on Natural Resource Modelling

**Type of event:** Conference

**Geographical area:** Internacional

**Type of participation:** 'Participatory - poster

**Reasons for participation:** Open access

**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 06/06/2017

**End date:** 09/06/2017

**Organising entity:** Pau Costa Foundation

**Type of entity:** Foundation

**City organizing entity:** Barcelona, Catalonia, Spain

**7 Title of the work:** Spatially replicated mark-recapture study reveals demographic responses to protection in a harvested marine species

**Name of the conference:** World Conference on Natural Resource Modelling

**Type of event:** Conference

**Geographical area:** Internacional

**Type of participation:** Participatory - oral communication

**Reasons for participation:** Open access

**Corresponding author:** Yes

**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 06/06/2017

**End date:** 09/06/2017

**Organising entity:** Pau Costa Foundation

**Type of entity:** Foundation

**City organizing entity:** Barcelona, Catalonia, Spain

Albert Fernández Chacón; Even Moland; Esben Moland Olsen.

**8 Title of the work:** Cause-specific mortality of Atlantic cod and predicted survival under alternative management scenarios

**Name of the conference:** 27th International Congress of Conservation Biology

**Type of event:** Conference

**Geographical area:** Internacional

**Type of participation:** 'Participatory - poster

**Reasons for participation:** Open access

**Corresponding author:** Yes

**City of event:** Montpellier, France

**Date of event:** 02/08/2015

**End date:** 06/08/2015

**Organising entity:** Society for Conservation Biology

**Type of contribution:** Scientific paper

Albert Fernández Chacón; Even Moland; Esben Moland Olsen.

**9 Title of the work:** Effects of partial protection on Norwegian Atlantic Cod: a demographic evaluation using tagged individuals

**Name of the conference:** 2nd International Ocean Research Conference

**Type of event:** Conference

**Geographical area:** Internacional

**Type of participation:** Participatory - oral communication



**City of event:** Barcelona, Catalonia, Spain

**Date of event:** 16/11/2014

**End date:** 21/11/2014

Albert Fernandez Chacon; Esben Moland Olsen; Even Moland; Sigurd Heidberg Espeland.

- 10** **Title of the work:** Multi-event modelling: the MPA cod case  
**Name of the conference:** Revisiting MPAs and benefits beyond boundaries  
**Type of event:** Conference **Geographical area:** Internacional  
**Type of participation:** Participatory - invited/keynote talk **Reasons for participation:** Upon invitation  
**City of event:** Arendal, Norway  
**Date of event:** 29/09/2014  
**End date:** 03/10/2014  
**Organising entity:** University of Agder **Type of entity:** University  
**City organizing entity:** Kristiansand, Norway

- 11** **Title of the work:** Modelling growth, dispersal and mortality of coastal Atlantic cod in Southern Norway: effects of a recently established Marine Protected Area  
**Name of the conference:** IMBER Open Science Conference  
**Type of event:** Conference **Geographical area:** Internacional  
**Type of participation:** Participatory - oral communication  
**City of event:** Bergen, Norway  
**Date of event:** 23/06/2014  
**End date:** 27/06/2014  
**Organising entity:** IMBER  
Sigurd Heidberg Espeland; Even Moland; Esben Moland Olsen; Albert Fernandez Chacon.

- 12** **Title of the work:** Effects of scale dependent habitat factors on the extinction and colonization dynamics of butterfly species inhabiting a biodiversity Hotspot  
**Name of the conference:** 3rd European Congress of Conservation Biology  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - oral communication **Reasons for participation:** Open access  
**City of event:** Glasgow, United Kingdom  
**Date of event:** 01/09/2012  
**End date:** 01/09/2012  
**Type of contribution:** Scientific paper  
Albert Fernandez Chacon; Constanti Stefanescu; James D Nichols; Daniel Oro.

- 13** **Title of the work:** Spatial heterogeneity in the effects of climate change on the population dynamics of a Mediterranean tortoise  
**Name of the conference:** 12th Congress of the European Ecological Federation  
**Type of event:** Conference **Geographical area:** European Union  
**Type of participation:** Participatory - poster **Reasons for participation:** Open access  
**City of event:** Avila, Castile and León, Spain  
**Date of event:** 25/09/2011  
**End date:** 29/09/2011  
**Type of contribution:** Scientific paper  
Albert Fernandez Chacon; Albert Bertolero; Arnau Amengual; Giacomo Tavecchia; Victor Homar; Daniel Oro. "Spatial heterogeneity in the effects of climate change on the population dynamics of a Mediterranean tortoise". 2011.



## R&D management and participation in scientific committees

### Scientific, technical and/or assessment committees

**Committee title:** Week of Science 2017  
**Primary (UNESCO code):** 240000 - Life Science  
**Secondary (UNESCO code):** 240100 - Animal Biology (Zoology)  
**Tertiary (UNESCO code):** 240106 - Animal ecology  
**Affiliation entity:** Universidad de Oviedo **Type of entity:** University  
**City affiliation entity:** Oviedo, Principality of Asturias, Spain  
**Start-End date:** 13/11/2017 - 17/11/2017

### Organization of R&D activities

- Title of the activity:** Assessing the long-term consequences of marine spatial protection on local species' movement dynamics  
**Type of activity:** Workshop  
**City of event:** Arendal, Norway  
**Convening entity:** University of Agder **Type of entity:** University  
**City convening entity:** Kristiansand, Norway  
**Type of participation:** Organiser  
**N° assistants:** 7  
**Start-End date:** 24/02/2020 - 26/02/2020 **Duration:** 3 days
- Title of the activity:** Research seminars  
**Type of activity:** Organization of scientific presentations at the Joint Research Unit for Biodiversity  
**Convening entity:** Joint Research Unit for Biodiversity **Type of entity:** University Department  
**City convening entity:** Mieres, Principality of Asturias, Spain  
**Start-End date:** 2016 - 2018 **Duration:** 2 years

### Evaluation and revision of R&D projects and articles

- Name of the activity:** External evaluator  
**Performed tasks:** PhD Thesis evaluation report of PhD candidate Noelia Hernández Muñoz  
**Entity where activity was carried out:** Universitat de les Illes Balears **Type of entity:** University  
**City of entity:** Balearic Islands, Spain  
**Access system:** Designated by the corresponding party without competition  
**Start-End date:** 01/06/2017 - 20/06/2017
- Name of the activity:** External evaluator  
**Performed tasks:** PhD Thesis evaluation report of PhD candidate Manuel Garcia Tarrasson  
**Entity where activity was carried out:** Universitat de Barcelona **Type of entity:** University  
**City of entity:** Barcelona, Catalonia, Spain  
**Type of activity:** External evaluation **Frequency of the activity:** 1



**Access system:** Designated by the corresponding party without competition

**Start-End date:** 2014 - 2014

**Geographical area:** National

**3 Name of the activity:** External evaluator

**Performed tasks:** PhD Thesis evaluation report of PhD candidate Maria Victoria Jimenez Franco

**Entity where activity was carried out:** Universidad de Murcia **Type of entity:** University

**City of entity:** Murcia, Region of Murcia, Spain

**Type of activity:** External evaluation

**Frequency of the activity:** 1

**Access system:** Designated by the corresponding party without competition

**Geographical area:** National

**Start-End date:** 2014 - 2014

**4 Name of the activity:** Evaluation of research manuscripts submitted to scientific journals

**Performed tasks:** Referee

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

**Frequency of the activity:** 11

**Access system:** Designated by the corresponding party without competition

**Geographical area:** International

**Start date:** 2010

## Other achievements

### Stays in public or private R&D centres

**1 Entity:** CNRS **Type of entity:** Public Research Body

**Faculty, institute or centre:** Centre d'Ecologie Fonctionnelle et Evolutive

**City of entity:** Montpellier, Languedoc-Roussillon, France

**Start-End date:** 01/06/2018 - 28/09/2018

**Duration:** 4 months

**Funding entity:** Bretagne Vivante SEPNB

**Type of entity:** Associations and Groups

**City funding entity:** Brest, Bretagne, France

**Goals of the stay:** Post-doctoral

**Provable tasks:** Collaboration in project funded by Bretagne Vivante

**Acquired skills developed:** Modelling of seabird population dynamics

**Relevant results:** Significant effects of individual age and climatic factors on annual survival

**2 Entity:** Institute of Marine Research **Type of entity:** R&D Centre

**Faculty, institute or centre:** Flodevigen Research Station

**City of entity:** Arendal, Norway

**Start-End date:** 01/10/2013 - 30/09/2015

**Duration:** 2 years - 24 months

**Goals of the stay:** Post-doctoral

**Provable tasks:** Contract linked to project PROMAR (IP: Prof. Esben Moland Olsen)

**3 Entity:** Patuxent Wildlife Research Center **Type of entity:** State agency

**Faculty, institute or centre:** USGS

**City of entity:** Laurel, United States of America

**Start-End date:** 15/10/2011 - 15/12/2011

**Duration:** 2 months

**Funding entity:** Ministerio de Educacion (Spanish Government)



**Name of programme:** FPU

**Goals of the stay:** Doctorate

**Provable tasks:** PhD thesis research

**Acquired skills developed:** Mathematical modelling of site occupancy parameters

**Relevant results:** Site-occupancy analyses on 73 butterfly species. Thesis chapter, later published in Journal of Animal Ecology (2014).

- 4** **Entity:** Centre d'Ecologie Fonctionnelle et Evolutive **Type of entity:** State agency  
**Faculty, institute or centre:** CNRS  
**City of entity:** Montpellier, Languedoc-Roussillon, France  
**Start-End date:** 14/09/2010 - 14/12/2010 **Duration:** 3 months  
**Funding entity:** Ministerio de Educacion (Spanish Government)  
**Name of programme:** FPU  
**Goals of the stay:** Doctorate  
**Provable tasks:** PhD Thesis research  
**Acquired skills developed:** Multi-event Capture-recapture models  
**Relevant results:** Application of Multi-event models to Ausouin's gull data. Thesis chapter, later published in Ecography (2013)
- 5** **Entity:** Instituto Mediterráneo d Estudios Avanzados **Type of entity:** State agency  
**City of entity:** Esporles, Balearic Islands, Spain  
**Start-End date:** 01/10/2008 - 31/12/2008 **Duration:** 3 months  
**Funding entity:** Fundacion Universidad Empresa **Type of entity:** Foundation  
Illes Balears  
**Name of programme:** Javier Benedi Grant  
**Goals of the stay:** Initiation to Research  
**Acquired skills developed:** Fieldwork techniques and statistical analysis of ecological data  
**Relevant results:** Final report on the influence of climatic indices (NAO, ENSO) on cory's shearwaters in Mallorca

## Obtained grants and scholarships

- 1** **Name of the grant:** Grant for the organisation of research activities  
**Aims:** Post-doctoral  
**Awarding entity:** University of Agder **Type of entity:** University  
**Amount of the grant:** 1.500 €  
**Conferral date:** 24/02/2020 **Duration:** 3 days  
**End date:** 26/02/2020  
**Entity where activity was carried out:** Flñdevigen Marine Research Station
- 2** **Name of the grant:** Juan de la Cierva-Formación Fellowship  
**Aims:** Post-doctoral  
**Awarding entity:** Ministerio de Economía y **Type of entity:** State agency  
Competitividad  
**Amount of the grant:** 50.000 €  
**Conferral date:** 2016 **Duration:** 2 years  
**End date:** 2018  
**Entity where activity was carried out:** Universidad de Oviedo  
**Faculty, institute or centre:** Joint Research Unit for Biodiversity





- 3** **Name of the grant:** FPU scholarship  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministerio de Educacion **Type of entity:** State agency  
**Amount of the grant:** 50.000 €  
**Conferral date:** 01/08/2009 **Duration:** 4 years  
**End date:** 31/07/2013  
**Entity where activity was carried out:** Instituto Mediterráneo d Estudios Avanzados  
**Faculty, institute or centre:** Population Ecology Group
- 4** **Name of the grant:** University travel grant  
**Aims:** Pre-doctoral  
**Awarding entity:** Universitat de les Illes Balears **Type of entity:** University  
**Amount of the grant:** 400 €  
**Conferral date:** 25/08/2012 **Duration:** 7 days  
**End date:** 01/09/2012
- 5** **Name of the grant:** Researcher mobility grant  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministerio de Educación **Type of entity:** State agency  
**Amount of the grant:** 3.100 €  
**Conferral date:** 15/10/2011 **Duration:** 2 months  
**End date:** 15/12/2011  
**Entity where activity was carried out:** USGS  
**Faculty, institute or centre:** Patuxent Wildlife Research Center
- 6** **Name of the grant:** Researcher mobility grant  
**Aims:** Pre-doctoral  
**Awarding entity:** Ministerio de Educación **Type of entity:** State agency  
**Amount of the grant:** 3.400 €  
**Conferral date:** 14/09/2010 **Duration:** 3 months  
**End date:** 15/12/2010  
**Entity where activity was carried out:** CNRS  
**Faculty, institute or centre:** Centre d'Ecologie Fonctionnelle et Evolutive
- 7** **Name of the grant:** Javier Benedi Grant  
**Aims:** Initiation to research  
**Awarding entity:** Fundacion Universidad Empresa de les Illes Balears **Type of entity:** Foundation  
**Amount of the grant:** 3.000 €  
**Conferral date:** 01/10/2008 **Duration:** 3 months  
**End date:** 31/10/2008  
**Entity where activity was carried out:** Instituto Mediterráneo d Estudios Avanzados  
**Faculty, institute or centre:** Population Ecology Group
- 8** **Name of the grant:** Erasmus mobility grant  
**Aims:** Undergraduate studies  
**Awarding entity:** Generalitat de Catalunya **Type of entity:** Regional Government  
**Amount of the grant:** 300 €  
**Conferral date:** 2006 **Duration:** 5 months  
**End date:** 2007  
**Entity where activity was carried out:** University of Aberdeen





## Summary of other achievements

**Description of the achievement:** Outstanding degree award

**Accrediting entity:** Universitat Autònoma de Barcelona

**Type of entity:** University

**City accrediting entity:** Cerdanyola del Valles, Catalonia, Spain

**Conferral date:** 11/2007