

I am an early-career conservation scientist and a PhD candidate in 'Climate Change and Sustainable Development Policies' at the University of Lisbon, with an MSc in Marine Systems and Policies with Distinction from the University of Edinburgh. I have 7 years of experience as a researcher and I have worked in several marine and fisheries research and conservation projects, mostly in São Tomé and Príncipe (STP) and Mozambique, but also in Maldives, Scotland, Portugal, and Spain. I am interested in exploring how societies interact with their natural environment and how environmental management measures and policies can support communities to improve ecosystem functioning and generate resilient socio-ecosystems.

Qualifications

PhD candidate - Climate Change and Sustainable Development Policies

Universidade de Lisboa, Portugal (2021 - 2025)

- GRANTS: cE3c - Fundação para a Ciência e a Tecnologia (€ 66,540.00 – 4 years).

MSc - Marine Systems and Policies (1 year, 90 ECTS, *Distinction*)

The University of Edinburgh, UK (2016)

- DISSERTATION: Assessing octopus life cycle and community livelihoods to determine timing for octopus management measures in Cabo Delgado, Northern Mozambique (available [here](#)).
- GRANTS: UoE's Highly Skilled Workforce Scholarship (£ 12,300.00 – 1 year).

BSc - Biology (5 years, 300 credits, 8.23/10)

Universidad Autónoma de Madrid, Spain (2014)

- DISSERTATION: Avian skull macroevolution and its morpho-functional implications on flight (available [here](#)).
- GRANTS: Spanish Ministry of Education's General Grant (€ 9,680.00 – 5 years)

Experience

Consultant (2019 – Now)

- 2021 – Now | **Food and Agriculture Organisation of the United Nations (FAO)** | Part-time | Project: "*Fish4ACP – São Tomé and Príncipe*"
- 2019 – 2021 | **Fauna & Flora International** | Full-time | Project: "*Establishing a network of marine protected areas in São Tomé and Príncipe through a co-management approach*" | [ACTIVITIES](#) | Fish Value Chain Analysis (2020) | Assessment of COVID-19 socio-economic impacts in Príncipe island (2020). | Design and implementation of a smartphone-based landing surveys protocol in 20 fishing communities in STP (2019). | Designing and implementing a non-invasive, ecological survey protocol to collect baseline data on STP's marine environment using Baited Remote Underwater Video (2019). | Mapping fishing effort and species distribution maps to inform the design of a network of Marine Protected Areas (2019 - 2020).

Research assistant (full-time) | University of Exeter

São Tomé and Príncipe (2017 – 2019)

- ACTIVITIES | Collecting and analysing fish biodiversity information using Baited Remote Underwater video around Príncipe island (2018-2019) | Fish maturity study of the snapper species *Lutjanus fulgens* using histological techniques (2018-2019). | Analysis of GPS data from artisanal fishing vessels to produce effort maps (2017). | Cleaning and analysing landing data and designing landing questionnaires (2020).

Project Officer (intern with a grant) | Bioclimate, Research and Development

Edinburgh, United Kingdom (2016 – 2017)

Grant: ARGO programme for internships abroad (5200 €)

- ACTIVITIES | Determination of *Octopus cyanea*'s spawning and recruitment seasons in Cabo Delgado (Northern Mozambique) using two years of landing and maturity data | Analysing the seasonality of fishers' livelihoods using participatory research in six fishing communities in Cabo Delgado (Northern Mozambique).

Field technician (intern with a grant) | Biota - Estudos e Divulgação em Ambiente

Lisbon, Portugal (2013)

Grant: Santander-CRUE-CEPYME programme for internships (1800€)

- ACTIVITIES | Minimisation actions for the construction of a dam in the Sabôr river | Relocation of naiads (endangered river bivalves) from the areas affected by the dam to unaffected areas upstream.

Lab technician (intern with a grant) | Quercus, associação nacional de conservação da natureza

Castelo Branco, Portugal (2013)

Grant: Santander-CRUE-CEPYME programme for internships (1800€)

- ACTIVITIES | Ex-situ breeding of naiads (endangered freshwater bivalves) | Keeping, counting, and measuring juveniles in different conditions | Sampling naiads in the rivers Paiva and Torgal.

Publications

PRESENTATIONS IN CONFERENCES AND WORKSHOPS

- G. **Porriños**, L. Benitez-Bosco (2021) *Early impacts of the COVID-19 pandemics on the coastal communities of Príncipe island*, Impacts of COVID-19 on coastal communities – Zoological Society of London, (Online, May 25, 2021) (available [here](#) and [here](#)).
- G. **Porriños** (2021) *Exportações de peixe salgado na ilha do Príncipe. Análise de cadeia de valor* (Online, March 4, 2021) (available [here](#) and [here](#)).
- G. **Porriños** (2020) *Threats and conservation status of sharks and rays in São Tomé and Príncipe*, IUCN Red List Assessment – Sharks and rays specialist group, West Africa (Online, 7th, 14th, 21st, 28th of July of 2020) (available [here](#)).
- G. **Porriños**, A. Nuno, L. Matos (2018) *Participatory approaches for fisheries co-management and marine conservation in Príncipe Island, São Tomé and Príncipe*, The Marine Biological Association 15th Postgraduate Conference (Plymouth, UK, February 20, 2018) (available [here](#)).

- G. **Porriños**, A. Nuno, L. Matos (2018) *Omali Vida Nón – Abordagens participativas na gestão da pesca artesanal*. Seminário internacional em biodiversidade: contribuindo para a diversificação da economia de Angola (Luanda, Angola, February 28, 2018) (available [here](#))
- G. **Porriños**, et al. (2018) *Sazonalidade da maturidade do polvo Octopus cyanea e dos modos de vida dos pescadores de polvo em Cabo Delgado (Norte de Moçambique): implicações para a sua gestão*. Primeiro Congresso de Biologia Marinha dos Países Lusófonos (Faro, Portugal, January 24, 2018) (available [here](#))
- G. **Porriños**, et al. (2017) *Seasonality of Octopus cyanea maturity and livelihoods of octopus fishers in Northern Mozambique: implications for management*, WIOMSA 10th Scientific Symposium (Dar Es Salaam, Tanzânia, 30 de novembro de 2017) (available [here](#))
- J. Marugán-Lobón and G. **Prieto** (2015) *Geometric morphometrics and theoretical morphology*, 75th Annual Meeting of the Society of Vertebrate Paleontology. *Symposium: Geometric Morphometrics: the shape of thing to come*. (Invited talk, 17-20 October 2015) (available [here](#))

REPORTS

- Vilela-López, B., **Porriños**, G., Blanc, P., Vasta, A., Anibal, O. (2022) *The coastal pelagics value chain in São Tomé and Príncipe*, Food and Agriculture Organisation of the United Nations (FAO)
- G. **Porriños**, L. Benítez Bosco (2022) *Assessment of the COVID 19 impacts on livelihoods, food systems and biodiversity in Príncipe Island*, Fauna & Flora International
- G. **Porriños**, K. Walker (2022) *Understanding marine biodiversity in São Tomé and Príncipe using Baited Remote Underwater Videos – 2019/20*, Fauna & Flora International
- G. **Porriños** (2021) *Characterisation of São Tomé and Príncipe’s artisanal fisheries through participatory, smartphone-based landing surveys*, Fauna & Flora International (available [here](#))
- G. **Porriños** (2020) *Dried fish trade in Príncipe Island. Value Chain Assessment*, Fauna & Flora International (available [here](#))
- G. **Porriños** (2020) *Implementation of participatory, smartphone-based, landing surveys in São Tomé and Príncipe*, Fauna & Flora International (available here [en](#), [pt](#))
- G. **Porriños** (2020) *Setting a baseline for marine fish biodiversity in Sao Tomé and Principe using Baited Remote Underwater Video*, Fauna & Flora International (available here [en](#), [pt](#))
- G. **Porriños** (2019) *Marine biodiversity assessment through baited underwater camera monitoring and maturity assessment of selected demersal fish species*. University of Exeter (available [here](#))

HANDBOOKS

- G. **Porriños** (2019) *Collecting landing data using the smartphone application Open Data Kit*. *Fauna & Flora International* (available [here](#) and [here](#))

IUCN ASSESSMENTS

- Assessor for ‘Jabado, R.W., Diop, M. & Dulvy, N.K. (2020) *Hypanus rudis*. IUCN Red List.’

- Assessor for 'Dulvy, N.K., Jabado, R.W. & Diop, M. (2020) *Aetomylaeus bovinus*. IUCN Red List'.
- Assessor for 'Jabado, R.W., Diop, M. & Dulvy, N.K. (2020) *Rhinoptera marginata*. IUCN Red List'.
- Assessor for '*Negaprion brevirostris*. IUCN Red List'.
- Assessor for 'Dulvy, N.K., Jabado, R.W. & Diop, M. (2020) *Torpedo bauchotae*. IUCN Red List'

Supervision

- MAIN SUPERVISOR, BSc BIOLOGY DISSERTATION. *Uso de Morfometría Geométrica para distinguir poblaciones de Lutjanus fulgens (pargo dorado africano) procedentes de diferentes localidades* (Marta García Doce, 06/2019, Universidad Autónoma de Madrid).

Lectures

- COURSE COORDINATOR AND LECTURER. 25h Module on Cartography, Technical Course on Ecotourism. *Instituto Superior de Administração e Linguas – Madeira*. Príncipe Island (São Tomé e Príncipe). Materials available [here](#).

Associate positions and memberships

Member of IUCN SSC Shark Specialist Group
2021 – 2024

Research associate, University of Exeter
United Kingdom (05/2019 – now)

Projects

2021 – 2025 São Tomé and Príncipe
FISH4ACP – Unlocking the potential of sustainable fisheries and aquaculture in Africa, the Caribbean, and the Pacific – São Tomé and Príncipe
Funding: EU, German ministry for cooperation (BMZ)
Organisations: Food and Agriculture Organisation of the United Nations (FAO)
Position: FAO Consultant (2021 - now)

2018 – 2023 São Tomé and Príncipe
Establishing a network of marine protected areas across São Tomé and Príncipe through a co-management approach
Funding: Blue Action Fund, Arcadia Fund for Nature
Organisations: Fauna & Flora International (UK); Oikos (STP); Fundação Príncipe (STP); MARAPA (STP)
Position: Consultant for Fauna & Flora International (2019 – 2021)

2016 – 2019

São Tomé and Príncipe

OMALI VIDA NÓN – Improving marine biodiversity and livelihoods of coastal communities in Principe Island using a participatory approach

Funding: Darwin Initiative, Africa’s Eden, Halpin Trust

Organisations: University of Exeter (UK), Fundação Príncipe (STP)

Position: Research Assistant, University of Exeter (2017–2019)

2013 – 2017

Mozambique

OUR SEA, OUR LIFE – Improving the management of intertidal resources in six coastal communities in the Quirimbas Archipelago, Northern Mozambique

Funding: EU

Organisations: Bioclimate, R&D (UK), AMA – Amigos da Terra (Mozambique)

Position: Project officer (intern with a grant), Bioclimate, Research and Development (2016–2017)

2012 – 2015

Portugal

ECOTONE – Management of riparian habitats towards the conservation of endangered river invertebrates

Funding: EU - LIFE

Organisations: Quercus - ANCN

Position: Lab technician (intern with a grant), Quercus - ANCN (2013)

Grants

2020 - 2024	PhD Research Grant (cE3c – Fundação para a Ciência e Tecnologia)	66,540.00 €
2016	ARGO grant for Internships abroad	4,200.00 €
2015	Highly Skilled Workforce Scholarship	12,300.00 €
2013	Santander – CRUE – CEPYME	3,600.00 €
2008 - 2013	General Grant of the Spanish Government for Higher Education	9,680.00 €

Language skills

	Certificate	Reading	Writing	Speaking
SPANISH	Native	-	-	-
ENGLISH	ibTOEFL 106/120 (Jan 2018)	Very good	Good	Good
PORTUGUESE	CELPE-BRAS Avançado (Apr 2014)	Good	Good	Good

Training

- **Postgraduate diploma - Advanced Methods on Applied Statistics** (1 year, 25 ECTS, *Sobresaliente*)
Universidad Nacional de Educación a Distancia, Spain (2015)

- **Introduction to Geometric Morphometrics** (2 ECTS)
Transmitting Science, Spain (2013)

Skills

- **RESEARCH:** Literature review | Sampling design, field and laboratory work | Quantitative and qualitative data collection and analysis (socio-economic, ecological & fisheries data) | Questionnaire design using Open Data Kit | Database management (R, Excel, Google Drive, Google Sheets) | Statistical analysis (R) | Geographical Information Systems (R, Q-GIS, ArcGIS)
- **COMMUNICATION:** Academic texts and technical reports | Grant applications | Communication of science adapted to the audience (policy briefs, social media)
- **IT:** Office (Excel, Word, Powerpoint) | Photo and video editing (Photoshop and VSDC) | Social media (Twitter, Facebook, Youtube) | Development of automatised tools for file and data management using R.