

João Bernardo Vasconcelos Barreiros



Profile

Since early age I am connected to nature and outdoor activities such as diving, either scuba or freediving, and other nautical, coastal, and inland sports. Practiced football for 15 years, from which three as a professional, spearfishing since childhood, classical piano for 11 years and more recently to wildlife photography both marine and terrestrial, developing interests in Biology, Geology, History, among other fields. Guide of the Natural Park of Terceira island, Azores, BSc. in Nature and Heritage from the University of the Azores, with an Erasmus program in Univ. of La Réunion, France, for one semester of the MSc on Tropical Marine Biology and an Erasmus Internship in the Univ. of the Antilles, Martinique, France, in the Aquasearch research group specializing in cetaceans. Spent the last few years working in nautical related activities such as whale watching and snorkeling and currently in the first year of a MSc in Marine Sciences in the University of Milano Bicocca.

Contact information

Nationality: Portuguese

Residency: Caminho Velho do Pico da Urze,
11. 9700-202 Angra do Heroísmo, Portugal.

Day of birth: 08/11/1996

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Professional experience

NATURE GUIDE

Ocean Emotion – 03/2022 - present

Whale Watching guide, skipper and freediving/snorkeling monitor.

DIVING AND UNDERWATER HERITAGE MONITOR

Diver and underwater photographer for diving classes within the syllabus "Diving and underwater heritage" in *pro bono* regime for the BSc degree on Nature and Heritage (2014 - 2017, 2019, 2020, 2022, 2023).

GUEST RESEARCHER

From December 2022 until April 2023, participated as guest researcher for the tourism organization BlueDream Croisières, in Martinique, collecting data for his internship at Aquasearch and being the scientific link between clients and observed wildlife.

UNDERWATER IMAGES RTP - PORTUGUESE PUBLIC TELEVISION NETWORK

Took part of the following news reels for RTP 1:

- “Especialistas querem o fim das licenças para pescar tubarão”;
- “Açores querem aumentar áreas marinhas protegidas”;
- “Açores. Turismo para a observação de cetáceos aumenta” sobre a proteção da biodiversidade marinha nos Açores.

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Additional training

- Enviropreneurs Generation youth exchange in Flores - Erasmus + programme & Coconutwork
- Pedagogic formation for instructors B-Learning_v02_2022.109 Angra do Heroísmo - Comunilog Consulting
- 6th Security and Defense intensive course - Açores - Instituto de Defesa Nacional - IDN
- Course "A ciência nas notícias: promovendo um maior diálogo entre cientistas e jornalistas" - XIX National Ecology Meeting - SPECO
- Digital Marketing intensive course - Frederico Carvalho
- Guide of the Natural Park of Terceira Island - Câmara do Comércio de Angra do Heroísmo

Permits/certifications

- Driving (B/B1)
- Local Skipper
- Open Water PADI
- Freediving level 3 - Apneia Academy, CMAS, IPDJ, CNAH

Languages

- Portuguese - Native speaker
- English - C2
- French - C1
- Spanish
- Italian

UNDERWATER IMAGES RTP - PORTUGUESE PUBLIC TELEVISION NETWORK

Links:

- (https://www.rtp.pt/noticias/pais/especialistas-querem-o-fim-das-licencas-para-pescar-tubarao_v1436785 30/09/2022)
- (https://www.rtp.pt/noticias/pais/acoress-querem-aumentar-areas-marinhas-protegidas_v1436907?fbclid=IwAR0x4jtAPfxb8m-a-6OSYEaXQeowFDZK4sT23Vwn0Xceb5OjGMWk2zhUOU 01/10/2022)
- (https://www.rtp.pt/noticias/pais/acoress-turismo-para-a-observacao-de-cetaceos-aumenta_v1437176 03/10/2022)

TOUR GUIDE - JEEP TOURS & OFF-ROAD

Azores Xperience - 06/2021 - 08/2022

Cultural and nature guide in classic jeep tours and hikes. Organization and logistics.

COASTAL NAVIGATION MONITOR

University of the Azores - 01/2019 - 06/2022

Monitor for "Navegação Costeira", in pro bono regime, in the degree of Nature and Heritage.

NATURE GUIDE

Atlantiangra - 08/2018 - 11/2020

Whale Watching guide, skipper and freediving/snorkeling monitor.

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Hobbies and other interests

- Spearfishing
- Skuba diving
- Freediving
- Hiking and camping
- Mountaineering
- Cave exploration
- Canyoning
- Astronomy
- Travel and trip organization
- Model making
- Handy-crafts
- Music - Piano
- Cooking and international recipes
- Mitology and classical history
- Fashion
- Horse back riding
- Swimming
- Photography
- Videography
- Drone piloting and video

Informatic skills

- Microsoft Office
- Gimp
- DaVinci Resolve
- QGIS
- Windy & Windguru
- Social Network
- Internet in communication and research
- Ability to learning new softwares
- Informatic knowledge as a user

Academic profile

MSC IN MARINE SCIENCES

University of Milano Bicocca - 10/2023 – present
Study fields: Marine Ecology & Biology, Chemistry of the oceans, Oceanography, International Sea Law.

ERASMUS + INTERNSHIP

Internship at University of the Antilles (1st November 2022 - 31st April 2023) Martinique, Aquasearch research group. Specialization on cetacean monitoring and ecology.

BSC IN NATURE AND HERITAGE

University of the Azores - 09/2019 – 02/2023
Study fields: Ecology and nature conservation, History and heritage, Tourism.

ERASMUS +

Université de La Réunion – 01/2021 – 07/2021
Study areas: Tropical Marine Biology

- Masters M1 - Biodiversité et Écosystèmes Tropicaux ALI (BEST ALI)
- Récifs coralliens et milieux associés
- Populations marines et cycles de vie
- Milieux hauturiers et mégafaune
 - Cours de Langue:
- Français Intermediaire FLE
 - Cours SUAPS
- Plongée
- Voile

Publications

FIRST RECORD OF THE GREAT BARRACUDA, SPHYRAENA BARRACUDA (PERCIFORMES, SPHYRAENIDAE), IN THE AZORES, NE ATLANTIC

[2023]

Barcelos, L. M. D.; Barreiros J.B. ; Barreiros, J. P. 2023. First record of the Great Barracuda, Sphyræna barracuda (Perciformes, Sphyrænidae), in the Azores, NE Atlantic. Journal of Fish Biology. DOI. 10.1111/jfb.15655 (accepted).

TRÊS ILHAS, TRÊS OCEANOS - REUNIÃO, MAGDALENA E MARTINICA.

[2023]

Barreiros J.B. 2023. Três ilhas, três oceanos: Reunião, Magdalena e Martinica. Atlântida, Revista de Cultura, 68: 95-106.

OCCURRENCE OF THE COOKIECUTTER SHARK, ISISTIUS SP., IN THE AZORES INFERRED BY RECENT BITE MARKS IN CETACEANS

[2023]

Barreiros, J. B.; Barcelos, L. M. D.; Barreiros, J. P. 2023. Occurrence of the Cookiecutter shark, Isistius sp., in the Azores inferred by recent bite marks in Cetaceans. Book of abstracts, p. 58. Poster. cE3c 9th Annual Meeting - Frontiers in E3 7-9 september, Lisbon. DOI:10.13140/RG.2.2.27099.75043.

MIGRATION AND POPULATION DYNAMICS OF GLOBICEPHALA MACRORHYNCHUS BETWEEN THE AZORES AND THE LESSER ANTILLES

[2023]

Barreiros, J. B.; Riou, M. Montgolfier, B. 2023. Migration and population dynamics of Globicephala macrorhynchus between the Azores and the Lesser Antilles. Book of abstracts, p. 57. Poster. cE3c 9th Annual Meeting - Frontiers in E3 7-9 september, Lisbon. DOI:10.13140/RG.2.2.20388.86407.

CETACEAN DIVERSITY IN THE AZORES (NE ATLANTIC) - A CONSERVATION PRIORITY.

[2023]

Barreiros, J.B.; Barreiros, J.P.; Barcelos L.D. 2023. Cetacean diversity in the Azores (NE Atlantic) - a conservation priority. International Congress for Conservation Biology, Kigali, Rwanda. AB367/ Speed talks. <https://www.xcdsystem.com/iccb/program/PNun2Ui/index.cfm>. DOI:10.13140/RG.2.2.26260.88969.

MUTILATIONS AND MALFORMATIONS IN CETACEANS: A DISCUSSION OF RECENT CASES.

[2022]

Barreiros, J. B. & Barcelos, L.M.D. 2022. Mutilations and malformations in cetaceans - a discussion of recent cases. cE3c 8th Annual Meeting - Frontiers in E3, Universidade dos Açores, Campus de Angra do Heroísmo. Abstract book, p. 18.

A HEALED PROPELLER WOUND ON A WILD LOGGERHEAD TURTLE, CARETTA CARETTA (TESTUDINES, CHELONIIDAE), OCCUPIED BY A PELAGIC CRAB, PLANES MINUTUS, IN THE AZORES ISLANDS, PORTUGAL.

[2021]

Anjos, M.R., Pelegrini, L.S., Barreiros, J.B., Barcelos, L.M.D. & Barreiros, J.P. (2021) A healed propeller wound on a wild loggerhead turtle, Caretta caretta (Testudines, Cheloniidae), occupied by a pelagic crab, Planes minutus, in the Azores Islands, Portugal. Herpetology Notes, 14, 981-984.

AZORES MARINE TURTLES.

[2021]

Barcelos L.; Barreiros J.B.; Barreiros JP (2021). Azores_marine_turtles. Version 1.2. Universidade dos Açores. Checklist dataset. http://ipt.gbif.pt/ipt/resource?r=azores_marine_turtles&v=1.2. DOI:10.13140/RG.2.2.28627.91687.

CETACEAN DIVERSITY IN THE AZORES (NE ATLANTIC).

[2020]

Barreiros, J. B. & Barcelos, L. M. D. 2020. Cetacean diversity in the Azores (NE Atlantic). XIX Encontro Nacional de Ecologia - Desafios para a Nova Década. Book of abstracts, p. 160. Poster. 19º Encontro Nacional de Ecologia + Celebração dos 25 anos da SPECO - SPECO - Sociedade Portuguesa de Ecologia 9-12 dezembro, Lisboa. DOI:10.13140/RG.2.2.31353.90723.

REVISITAR A BATALHA DA SALGA.

[2020]

Barreiros, J. B. V., 2020, Revisitar a Batalha da Salga. Atlântida, LXV: 299-304.

Supervising experience

[2023]

Co-supervisor of LBIO1312 Internship by Amelie Trigalez "Population dynamics of juvenile dusky grouper, *Epinephelus marginatus* (Lowe, 1834), in Fanal Bay, Terceira Island, Azores, Portugal". University of the Azores/Catholic University of Louvain (BSc Biological Sciences).

Research contributions

Photo contribution in a Biodiversity Inventory [2023]

Azevedo e Silva J, Cravo M, da Rocha N, Murray K, Madruga L, Navas M 2023. Inventário da biodiversidade marinha e costeira de São Tomé e Príncipe. Preparado no âmbito do projecto "Estabelecimento de uma Rede de Áreas Marinhas Protegidas em São Tomé e Príncipe através de uma abordagem de co-gestão" liderado pela Fauna & Flora, em consórcio com a Fundação Príncipe, Oikos - Cooperação e Desenvolvimento e Marapa (Mar, Ambiente e Pesca Artesanal). Este trabalho foi tornado possível através do apoio do Blue Action Fund, Arcadia e Rainforest Trust.

Awards and distinctions

Academic merit award - 2022/2023 - Câmara municipal de Angra do Heroísmo (21/08/2023)

Award given to the student with the highest overall grade of Nature and Heritage degree.

Volunteering

Ocean&Climate Village exhibition *in* "Tempo della Salute"

Milan, Italy (November 9-12, 2023) IOC/UNESCO's first traveling exhibition dedicated to the relationship between ocean and climate, organized on the occasion of the United Nations Decade of Ocean Science for Sustainable Development (2021-2030).

Census of Azorean Common Buzzard- SPEA

02 e 03/04/2022

International Coastal Clean-up Day

[Angra do Heroísmo, 19/09/2020]

Volunteer Escapes Camps

[Flores Island, 15/08/2020 - 23/08/2020] Volunteer Escapes Camps

- Project LIFE IP Azores Natura; Plant a Tree - Nature Conservation and Biodiversity

XIV Census of Common Buzzard in the Azores - SPEA

04/2019

Organization competences

Environmental Association - Azulinvade

- Actively participates in the organisation of social solidarity actions and environmental management and conservation since 20/08/2012

VII Anthropology and Ethnography Colloquium

- Entitled "Fisheries on Terceira Island: Nature, Culture and Tourism", participated in the organization of this event, at the University of the Azores.

Social and Communication Skills

Competition "Fala Ciência? Communicating Science in the Azores" competition - 2021

- Participation in the competition which took place on the 19th of November 2021 with the presentation entitled "Marine animals: comparing with everyday images", which was awarded an "Honourable Mention" by the jury.

Competition "Fala Ciência? Communicating Science in the Azores" - 2019

- Organised by Centro de Ciência de Angra do Heroísmo and Universidade dos Açores.