

## Curriculum Vitae

### Personal Information

Name Luis Artur Valões Bezerra

Bibliographic Citation BEZERRA, L. A. V.; BEZERRA, LUIS A. V.; BEZERRA, LUIS ARTUR VALÕES; BEZERRA, LUIS A.V.

Professional Address Universidade Federal do Paraná, Centro Politécnico, Jardim das Américas 81531980 - Curitiba, PR - Brazil

### Areas of Expertise

Major Area: Biological Sciences / Area: Ecology / Subarea: Aquatic Ecology (marine and freshwater environments) / Fish biology

### 1) Education/Training

2018 – 2019 Period in the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, Trieste, Italy).

2015 Ph.D. in progress in Ecologia e Conservação.

Universidade Federal do Paraná, UFPR, Brazil. Advisor: André Andrian Padial.

Grantee of: Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brazil.

Major Area: Biological Sciences.

Major Area: Engineering / Area: Biomedical Engineering / Specialty: Modelling and Ecosystem Ecology.

2013 – 2015 Master's in Tropical Marine Sciences. Universidade Federal do Ceará, UFC, Brazil. Year of degree: 2015.

Advisor: Jorge Iván Sánchez Botero.

Grantee of: Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Brazil.

Keywords: Brazilian semiarid; Ecopath with Ecosim; Sítios Novos pond.

Major Area: Biological Sciences.

Major Area: Engineering / Area: Biomedical Engineering / Subarea: Bioengenharia / Specialty: Modelling and Ecosystem Ecology.

Major Area: Agrarian Sciences / Area: Fishing Resources and Fishing Engineering

2008 - 2011 Graduation in Biological Sciences.

Universidade Federal do Ceará, UFC, Brazil.

Advisor: Jorge Iván Sánchez Botero.

Grantee of: Departamento Nacional de Obras Contrás as Secas, DNOCS, Brazil.

### Complementary Education

2018 – 2018 VII Southern-Summer School on Mathematical Biology. (Credit Hours: 40h).

ICTP South American Institute for Fundamental Research, ICTP/SAIFR, Brazil.

2018 – 2018 School on Physics Applications in Biology. (Credit Hours: 40h).

ICTP South American Institute for Fundamental Research, ICTP/SAIFR, Brazil.

2018 – 2018 Winter School on Quantitative Systems Biology. (Credit Hours: 80h). International Centre for Theoretical Physics, ICTP, Italy.

2014 – 2014 Introductory course to Ecopath and Ecosim. (Credit Hours: 12h).

Ecopath Research and Development Consortium, ERDC, Spain.

2014 – 2014 Advanced course to Ecosim. (Credit Hours: 12h). Ecopath Research and Development Consortium, ERDC, Spain.

2014 – 2014 Advanced course to Ecospace. (Credit Hours: 12h). Ecopath Research and Development Consortium, ERDC, Spain.

2014 – 2014 Advanced course to Ecotroph. (Credit Hours: 12h). Ecopath Research and Development Consortium, ERDC, Spain.

2013 – 2013 Hydrological management of aquatic systems with Free Software. (Credit Hours: 40h). Fundação Parque Tecnológico Itaipu Brazil, FPTI-BR, Brazil.

2012 – 2013 Licenciamento Ambiental. (Credit Hours: 60h). Portal Educação Ltda, PORTAL EDUCAÇÃO, Brazil.

2012 – 2012 Advanced Topics in Population Dynamics (Credit Hours: 90h). Universidade Federal do Ceará, UFC, Brazil.

2012 – 2012 Management of hydric systems. (Credit Hours: 60h). Portal Educação Ltda, Portal Educação, Brazil.

2011 – 2011 Continental Aquaculture. (Credit Hours: 40h). Departamento Nacional de Obras Contra as Secas, DNOCS, Brazil.

## **2) Professional experience, service, and academic distinctions and prizes**

2015 – Present Universidade Federal do Paraná - UFPR

PhD student, monitor of the annual symposium of Ecology and Conservation of the “Programa de Pós Graduação em Ecologia e Conservação”.

2012 – 2012 Porto Ambiental Assessoria e Consultoria LTDA - PORTO AMBIENTAL, Schedule: 110 hs,

Research support in the field and elaboration of the “Estudo de Impacto Ambiental do Polo Tecnológico da Saúde - Eusébio – Ceará”.

2012 – 2012 CNPq Scholarship of “Auxílio Técnico-Nível Superior (AT-NS)”. Conselho Nacional de Desenvolvimento Científico e Tecnológico – CNPq.

2011 – 2011 Departamento Nacional de Obras Contra as Secas - DNOCS

Junior researcher, Schedule: 20 hs/week

2008 – 2015 Universidade Federal do Ceará

Under graduation in Biological Sciences (2008-2011), Master Degree in Tropical Marine Sciences in the Instituto de Ciências do Mar (LABOMAR-UFC2013-2015), monitor of “Ecologia Aquática” (2011), and junior researcher in the Laboratório de Ecologia Aquática (LEA, 2009 - 2011).

## **Scientific Journal Referee**

2015 – Present African Journal of Environmental Science and Technology

2015 – 2015 Journal of Stored Products Research

2016 – 2016 Journal: World Journal of Agricultural Sciences (Print)

2016 – Present International Journal of Fisheries and Aquaculture

2017 – Present Environmental Biology of Fishes

2017 – Present Hydrobiologia

2017 – Present Iheringia Serie Zoologia

2018 – Present Acta Amazonica

2018 – Present Marine Biodiversity

2019 – Present Aquatic Invasions

## **3) Papers in Scientific Journals**

1. Bezerra, L. A. V., M. O. Freitas, V. S. Daga, T. V. T. Occhi, L. Faria, A. P. L. Costa, A. A. Padial, V. Prodocimo, and J. R. S. Vitule. 2019. A network meta-analysis of threats to South American fish biodiversity. *Fish and Fisheries: In Press*.

2. Bezerra, L. A. V., V. M. Ribeiro, M. O. Freitas, L. Kaufman, A. A. Padial, and J. R. S. Vitule. 2019. Benthification, biotic homogenization behind the trophic downgrading in altered ecosystems. *Ecosphere: In Press*.

3. Lemoine M., Moens T., Vafeiadou A., Bezerra L. V., Lana P. 2019. Resource utilization of puffer fish in a subtropical bay as revealed by stable isotope analysis and food web modelling. *Marine Ecology Progress Series: In Press*.

4. Bezerra, L. A. V.; Angelini, R.; Vitule, Jean R. S.; Coll, Marta; Botero, J. I. S. Food web changes associated with drought and invasive species in a tropical semiarid reservoir. *Hydrobiologia*, v. 817, p. 475-489, 2018.

5. Rodrigues-Filho, Carlos Alberto De Sousa; Gurgel-Lourenço, Ronaldo César; Bezerra, Luis Artur Valões; De Oliveira, Edson Fontes; Leitão, Rafael Pereira; Garcez, Danielle Sequeira; Sánchez-Botero, Jorge Iván. *Hydrobiologia*, v. 819, p. 93-108, 2018.

6. Bezerra, Luis Artur Valões; Padial, André Andrian; Mariano, Filipe Brazil; Garcez, Danielle Sequeira; Sánchez-Botero, Jorge Iván. *Environmental Biology of Fishes*, v. 100, p. 551-563, 2017.

7. Padial, André A.; Agostinho, Ângelo A.; Azevedo-Santos, Valter M.; Frehse, Fabrício A.; Lima-Junior, Dilermando P.; Magalhães, André L. B.; Mormul, Roger P.; Pelicice, Fernando M.; Bezerra, Luis A. V.; Orsi, Mário L.; Petrere-Junior, Miguel; Vitule, Jean R. S. *Biodiversity And Conservation*, v. 26, p. 243-246, 2017.

8. Wojciechowski, Juliana; Ceschin, Fernanda; Pereto, Suelen C.A.S.; Ribas, Luiz G.S.; Bezerra, Luis A.V.; Dittrich, Jaqueline; Siqueira, Tadeu; Padial, André A. *Anais da Academia Brasileira De Ciencias*, v. Online, p. Epub, 2017.
9. Gurgel-Lourenço, R. C.; Rodrigues-Filho, C. A. S.; Bezerra, L. A. V.; Garcez, D. S.; Sánchez-Botero, J. I. *Journal of Applied Ichthyology*, v. 33, p. 1254-1257, 2017.
10. Pereto, S. S.; Ribas, L. G. S.; Wojciechowski, J.; Ceschin, F.; Dittrich, J.; Bezerra, L. A. V.; Padial, A. A. Trade-off in leaf and root investment of an abundant aquatic macrophyte in a Neotropical floodplain. *Fundamental and Applied Limnology*, v. 188, p. 309-314, 2016.
11. Rodrigues Filho, C. A. S.; Lourenco, R. C. G.; Bezerra, L. A. V.; Sousa, W.A.L.; GARCEZ, D. S.; Lima, S.M.Q.; BOTERO, J. I. S. Ichthyofauna of the humid forest enclaves in the tablelands of Ibiapaba and Araripe, Northeastern Brazil. *Biota Neotropica (Online)*, v. 16, p. e20160273, 2016.
12. Vitule, J. R. S.; da Costa, A. P. L.; Frehse, F. A.; Bezerra, L. A. V.; Occhi, T. V. T.; Daga, V. S.; Padial, A. A. *Journal of Fish Biology*, v. 90, p. 1182-1190, 2016.
13. Bezerra, L. A. V.; Paulino, W. D.; Garcez, D. S.; Becker, H; Botero, J. I. S. Limnological Characteristics of a Reservoir in Semiarid Northeastern Brazil subject to intensive tilapia farming (*Oreochromis niloticus* Linnaeus, 1758). *Acta Limnologica Braziliensia (Online)*, v. 26, p. 47-59, 2014.

#### **Book Chapter**

1. Botero, J. I. S.; Rodrigues Filho, C. A. S.; Lourenco, R. C. G.; Bezerra, L. A. V.; Sousa, W.A.L.; Chaves, D. N.; Lima, S. M. Q.; Oliveira, E. F.; Garcez, D. S. In: Waldir Mantovani, Ricardo Ferreira Monteiro, Luiz do Anjos, Mariana Otero Cariello. (Org.). 1 ed. Fortaleza: Edições UFC, 2017, v., p. 1-605.

#### **Papers in Newspapers/Magazines**

1. Bezerra, L. A. V.; Angelini, R. *Boletim ABLimno*, v. 42, p. 17 - 24, 07 out. 2016.
2. Bezerra, L. A. V.; Lourenco, R. C. G.; Botero, J. I. S. *Sodebrás*, p. 81 - 85, 15 ago. 2013.  
Expanded Summary published in proceedings of conferences
1. Bezerra, L. A. V.; Botero, J. I. S.; Angelini, R., 2014, Barcelona. *Ecopath 30 Years Conference Proceedings: Extended Abstracts*. Vancouver: Fisheries Centre, University of British Columbia, 2014. v. 22. p. 106-106.

#### **Proceedings of conferences**

1. Lourenco, R. C. G.; Rodrigues Filho, C. A. S.; Bezerra, L. A. V.; Garcez, D. S.; Botero, J. I. S., 2015, Olinda-Pe. *Anais do XXI Encontro Brasileiro De Ictiologia*, 2015.
2. Sampaio, T.C.P.; Bezerra, L. A. V.; Garcez, D. S.; Botero, J. I. S., 2015, Olinda-PE. *Anais do XXI Encontro Brasileiro De Ictiologia*, 2015.
3. Bezerra, L. A. V.; Botero, J. I. S.; Paulino, W. D.; Garcez, D. S., 2013, Bonito/MS. *Águas Brasileiras: conservação, gestão e sustentabilidade*, 2013.

#### **4) Financial Grants**

PhD "Sandwich" in the Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (OGS, Trieste, Italy).  
 PhD Scholarship (CAPES)  
 MD Scholarship (CAPES)  
 Junior Researcher (DNOCS)

#### **5) Academic Quantitative Indicators**

Web of Science Citations: 34; Number of papers: 11; Date: 31/10/2018; H: 3;  
 Bezerra, Luis Artur V

SciELO Citations: 10; Number of papers: 3; Date: 14/04/2018  
 Bezerra, L. A. V.

SCOPUS Citations: 46; Number of papers: 10; Date: 31/10/2018  
 Bezerra, L. A. V.

#### **6) Links to the web pages**

ResearcherID: <http://www.researcherid.com/rid/J-3969-2015>

ResearchGate: [https://www.researchgate.net/profile/Luis\\_Bezerra2?ev=hdr\\_xprf](https://www.researchgate.net/profile/Luis_Bezerra2?ev=hdr_xprf)

Scholar: <https://scholar.google.com.br/citations?user=QDKhpz4AAAAJ&hl=en>

## **7) Other Information**

CMAS Brevet 1 Scuba Diver, International license for driving.