

Curriculum vitae

Ana Clara Sampaio Franco

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Summary statement

I am currently a postdoctoral fellow at the University of Girona (UdG), working with invasive species, aquatic and fish ecology. I'm also a member of the Organization for Women in Science for the Developing World (OWSD/UNESCO) and the Society for Open, Reliable and Transparent Ecology and Evolutionary Biology (SORTEE). I earned my PhD in Ecology at the Federal University of Rio de Janeiro (UFRJ) in 2019, with an internship period of 12 months at the University of Girona (UdG/Spain) working with Dr. Emili García-Berthou. My master's degree was in Biological Sciences (Neotropical Biodiversity) at UNIRIO in 2015, and my bachelor's degree was also in Biological Sciences at the same institution in 2012. My main research interests include the impacts of species introduction on biodiversity and ecosystems; aquatic ecology; species-habitat interactions; conservation biology; anthropogenic and abiotic influences on biodiversity; and implicit and explicit bias in academia.

University education

- 1) University degree: **PhD in Ecology**
City degree awarding entity: Rio de Janeiro, Brazil
Degree awarding entity: Universidade Federal do Rio de Janeiro
Date of degree: 19/03/2019
- 2) University degree: **Master in Neotropical Biodiversity**
City degree awarding entity: Rio de Janeiro, Brazil
Degree awarding entity: Universidade Federal do Estado do Rio de Janeiro
Date of degree: 23/02/2015
- 3) University degree: **Bachelor in Biological Sciences**
City degree awarding entity: Rio de Janeiro, Brazil
Degree awarding entity: Universidade Federal do Estado do Rio de Janeiro
Date of degree: 15/01/2013

Certifications

- 1) Professorat Lector de l'Àmbit de Ciències de la Vida - Agència per a la Qualitat del Sistema Universitari de Catalunya (AQU)
Date: 2023

Maternity leave

- 1) August 2024 – January 2025

Languages

- 2) Portuguese – native speaker
- 3) English – proficiency in speaking, listening and writing (C1 level)
- 4) Spanish – proficiency in speaking, listening and writing (C2 level)

- 5) Catalan – good skills in reading, writing and communication (B1 level)

Research experience

- 1) *Postdoctoral fellowship from the Spanish Ministry of Science and Innovation (MCIN/AEI/10.13039/501100011033) and the European Union (NextGenerationEU/PRTR) to conduct research at the University of Girona, Spain*
May 2023 – PRESENT
“Towards the protection And conservation of Iberian rivers: fish as ecological indicators”.
- 2) *Postdoctoral collaborator at the “Brazilian thematic report on invasive species, biodiversity and ecosystem services” promoted by the Brazilian Platform on Biodiversity and Ecosystem Services (BPBES).*
September 2021 – May 2023
Young postdoctoral collaborator at the diagnostic of the impacts of invasive species on the biodiversity and ecosystem services within the Brazilian territory, based on a literature review.
- 3) *Postdoctoral fellowship from the Fundação de Amparo à Pesquisa do Estado do Rio de Janeiro to conduct research at the Federal University of the Rio de Janeiro State, Brazil*
October 2019 – April 2023
“Influence of damming and invasive piscivorous fish over the taxonomic and functional diversity of fish assemblages”.
- 4) *Postdoctoral fellowship from the Fundo Brasileiro para a Biodiversidade to conduct research at the Federal University of the Rio de Janeiro State, Brazil and the Rural Federal University of Rio de Janeiro*
April 2019 – September 2019
“Functional diversity in coastal lagoons: sandy beaches’ fish fauna as a model”.
- 5) *PhD internship from the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior to conduct research with Dr Emili García-Berthou at the Universitat de Girona, Catalunya*
January 2017 – December 2017
- 6) *PhD fellowship from the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, Federal University of the Rio de Janeiro, Brazil*
March 2015 – March 2019
Contract working for four years developing projects involving the distribution, invasiveness and other ecological factors of invasive fish species and their relation with the invasibility of South American aquatic ecosystems.
- 7) *Scientific initiation fellowship from the National Council for Scientific and Technological Development*
June 2010 – December 2012
Undergraduate contract to develop research skills on population dynamics, fish reproduction and marine ecology.

Awards, Grants and Scholarships

- 1) Postdoctoral fellowship grant (E-26/202.423/2019) from the Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ) to conduct a 4-year research project in Federal University of the Rio de Janeiro State, Brazil, between 2019-present.
- 2) Postdoctoral fellowship grant for field activities (E-26/202.424/2019) from the Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ) to conduct a 4-year research project in Federal University of the Rio de Janeiro State, Brazil, between 2019-present.
- 3) Postdoctoral fellowship (nº 16/2017) from the Fundo Brasileiro para a Biodiversidade (FUNBIO) to conduct a 4-month research project in the Federal University of the Rio de Janeiro State and the Rural Federal University of Rio de Janeiro, Brazil, between April 2019 and September 2019.
- 4) Predoctoral fellowship from the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES) to conduct a 4-year research project in the Graduate Program in Ecology at the Federal University of Rio de Janeiro, between March 2015 and March 2019.
- 5) Graduation support fellowship from the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior (CAPES) to conduct a 2-year research project in the Graduate Program in

Neotropical Biodiversity at the Federal University of the Rio de Janeiro State, between March 2013 and February 2015.

- 6) Undergraduate scientific initiation scholarship (109466/2011-0) from the Conselho Nacional do Desenvolvimento Científico e Tecnológico (CNPq) to conduct a 2-year research project in the he Federal University of Rio de Janeiro, between June 2010 and December 2012.

Scientific Consultancy

- 1) FACEPE (Brazil) - Fundação de Amparo a Ciência e Tecnologia do Estado de Pernambuco
- 2) FONCYT (Argentina) - Fondo para la Investigación Científica y Tecnológica

Experience supervising doctoral thesis and/or final year projects

- 1) Project title: Testing the invasiveness of the Amazonian fish *Metynnis lippincottianus* in reservoirs

Type of project: Master thesis

Co-director of thesis: Dr. Ana Cristina Petry

Entity: Universidade Federal do Rio de Janeiro

Student: Mariana Novello Rocha

City of entity: Rio de Janeiro, Brazil

Data of reading: 28th May 2025

- 2) Project title: Distribution potential of invasive peacock basses (genus *Cichla*) under climate change scenarios

Type of project: Master thesis

Co-director of thesis: Dr. Luciano Neves dos Santos

Entity: Universidade Federal do Estado do Rio de Janeiro

Student: Gabriel Klippel de Assis

City of entity: Rio de Janeiro, Brazil

Data of reading: 2023

- 3) Project title: Evaluation of patterns of co-occurrence between native and invasive piscivorous fish in lentic and lotic zones of a reservoir

Type of project: Final year Project

Co-director of thesis: Dr. Luciano Neves dos Santos

Entity: Universidade Federal do Estado do Rio de Janeiro

Student: Mariana Novello Rocha

City of entity: Rio de Janeiro, Brazil

Data of reading: 2023

- 4) Project title: Reproductive biology of *Parablennius pilicornis* in the rocky shores of Vermelha beach, Guanabara bay, Brazil

Type of project: Final year Project

Co-director of thesis: Dr. Luciano Neves dos Santos

Entity: Universidade Federal do Estado do Rio de Janeiro

Student: Luana dos Santos Corona

City of entity: Rio de Janeiro, Brazil

Data of reading: 2018

- 5) Project title: Seasonal variation in the diet of the engraulid *Cetengraulis edentulus* (Cuvier, 1829) in Guanabara Bay, RJ, Brazil

Type of project: Final year Project

Co-director of thesis: Dr. Luciano Neves dos Santos

Entity: Universidade Federal do Estado do Rio de Janeiro

Student: Camila Fabricia Borges

City of entity: Rio de Janeiro, Brazil

Data of reading: In course

Mentoring activities

- 1) Type of mentoring: Academic mentoring for graduate candidates
Entity: Dandaras Collective for Black Women
Student: Clara Lúcia Francisca de Souza

Teaching experience

- 1) Professional category: Teaching and Research Personnel
Entity: Graduate Course in Biology, University of Girona (Girona, Spain)
Course: Practices in Ecology
Start-End date: May 2023 - present
- 1) Professional category: Teaching Assistant
Entity: Graduate Course in Neotropical Biodiversity, Federal University of the Rio de Janeiro State (Rio de Janeiro, Brazil)
Courses: 1 - Biodiversity 101, 2 – Invasion Science, 3 - Measuring the Biodiversity, and 4 - Using the R in Biodiversity analyses
Start-End date: October 2019 – April 2023
- 2) Professional category: Invited Professor
Entity: Graduate Course in Neotropical Biodiversity, Federal University of the Rio de Janeiro State (Rio de Janeiro, Brazil)
Course: Invasion Biology
Start-End date: March 2018 - August 2019
- 3) Professional category: Teaching Assistant
Entity: Bachelor in Biological Sciences / Bachelor in Environmental Sciences, Federal University of the Rio de Janeiro State (Rio de Janeiro, Brazil)
Course: Human Ecology / Applied Ecology
Start-End date: 01/06/2015 - 20/12/2016

Scientific Publications (SCI) * first authorships are underlined

- 1) RL Macedo, ACS Franco. (2025). Nuanced effects of organic matter on native phytoplankton and non-native *Ceratium*: case study re-analyzing field data using non-linear thresholds. *Limnologia*: <https://doi.org/10.1016/j.limno.2025.126265>
- 2) G Klippel, ACS Franco, RL Macêdo, PJ Haubrock, ML Lorini, LN Santos. (2024). Future invasion risk assessment of the peacock bass in Neotropical ecoregions: A conceptual and testable model. *Global Ecology and Conservation* 55: e03227. <https://doi.org/10.1016/j.gecco.2024.e03227>
- 3) G Guedes, ACS Franco, LN Santos, AFGN Santos, FG Araújo. (2024). Cannibalism facilitates and sustains the invasion of top-predator fish (Cichlidae:Cichliformes) in human-modified ecosystems. *Freshwater Biology* 69: 1001-1015. <https://doi.org/10.1111/fwb.14261>
- 4) ACS Franco, AC Petry, E García-Berthou, LN Santos. (2024). The effect of shoreline habitats on native and non-native fish species in a set of Neotropical reservoirs. *Hydrobiologia* 851: 4213-4229. <https://doi.org/10.1007/s10750-024-05576-5>
- 5) TC Fernandez, NV Freret-Meurer, ACS Franco, AA Bertoncini, LN Santos. (2024). Do longsnout seahorses *Hippocampus reidi* (Syngnathiformes: Syngnathidae) have a holdfast preference? *Neotropical Ichthyology* 22. <https://doi.org/10.1590/1982-0224-2023-0074>
- 6) MRC Gaspar, AA Agostinho, PA Catelani, R Fernandes, ACS Franco, JLC Novaes, D Peretti, AC Petry, FM Pelicice. (2024). Phenotypic and behavioral variation as a mechanism behind the invasive potential of a predatory neotropical fish. *Hydrobiologia*. <https://doi.org/10.1007/s10750-024-05663-7>
- 7) PJ Haubrock, I Kurtul, RL Macêdo, S Mammola, ACS Franco, IS Almena. (2024). Competency in invasion science: addressing stagnation challenges by promoting innovation and creative thinking. *Environmental Management* <https://doi.org/10.1007/s00267-024-02035-8>
- 8) RL Macêdo, G Klippel, DP Silva, PJ Haubrock, B Vilela, S Mammola, O Rocha, ACS Franco. (2024). Intercontinental invasion dynamics of *Cercopagis pengoi*, an IUCN-listed planktonic invasive species. *Regional Environmental Change* 24, 78. <https://doi.org/10.1007/s10113-024-02244-1>

- 9) IS Almena, P Balzani, L Carneiro, ..., A Ricciardi, D Simberloff, C Bradshaw, PJ Haubrock. (2024). Taming the terminological tempest in invasion science. *Biological Reviews*. <https://doi.org/10.1111/brv.13071>
- 10) ACS Franco, ..., JRS Vitule. (2024). Dataset of the impacts of invasive alien species in Brazil. *Ecological Research*. <https://doi.org/10.1111/1440-1703.12452>
- 11) F Nobrega, LN Santos, ACS Franco, F Salgueiro. (2023). Molecular analyses unveil colouration patterns to detect hybridization between two of the most invasive peacock bass species (Cichliformes: Cichlidae). *Biological Invasions* 25, 2873–2890. <https://doi.org/10.1007/s10530-023-03078-4>
- 12) VB Bettcher, ACS Franco, LN Santos (2023). Habitat-use of the vulnerable Atlantic Nurse Shark: a review. *PeerJ* 11, e15540. <https://doi.org/10.7717/peerj.15540>
- 13) FM Pelicice, ..., JRS Vitule (2023). Unintended consequences of valuing the contributions of non-native species: misguided conservation initiatives in a megadiverse region. *Biodiversity & Conservation* 32, 3915–3938. <https://doi.org/10.1007/s10531-023-02666-z>
- 14) BE Soares, ACS Franco, JS Leal, RGS Lima, K Baker, M Griffiths (2023). Decolonising ecological research: A generative discussion between Global North geographers and Global South field ecologists. *Area* 55, 550–557. <https://doi.org/10.1111/area.12901>
- 15) JS Souza, ACS Franco, MR Tavares, TFR Guimarães, LN Santos (2023). Shipping traffic, salinity and temperature shape non-native fish richness in estuaries worldwide. *Science of the Total Environment* 908, 168218. <https://doi.org/10.1016/j.scitotenv.2023.168218>
- 16) ACS Franco, ..., JRS Vitule (2023). Tilapia venturing into high-salinity environments: A cause for concern? *Aquatic Ecology* 58, 47–55. <https://doi.org/10.1007/s10452-023-10069-z>
- 17) ACS Franco, AC Petry, E García-Berthou, LN dos Santos. (2022). Invasive peacock basses (*Cichla* spp.) and decreased abundance of small-sized native fishes in Brazilian reservoirs. *Aquatic Conservation: Marine and Freshwater Ecosystems* 32: 1852–1866. <https://doi.org/10.1002/aqc.3874>
- 18) RL Macêdo, ACS Franco, B Kozłowsky-Suzuki, S Mammola, T Dalu, O Rocha. (2022). The global social-economic dimension of biological invasions by plankton: Grossly underestimated costs but a rising concern for water quality benefits? *Water Research* 222: 118918. <http://dx.doi.org/10.1016/j.watres.2022.118918>
- 19) ACS Franco, AC Petry, MR Tavares, TFR Guimarães, LN dos Santos. (2022). Global distribution of the South American peacock basses *Cichla* spp. follows human interference. *Fish and Fisheries* 23: 407–421. <http://dx.doi.org/10.1111/faf.12624>
- 20) ACS Franco, FG Araújo, AFGN dos Santos, M Andrade-Tubino, LN dos Santos. (2022). From meso to hyperhaline: the importance of Neotropical coastal lagoons in supporting the functional fish diversity at regional scale. *Hydrobiologia* 849: 4101–4118. <http://dx.doi.org/10.1007/s10750-021-04683-x>
- 21) L Tonella et al. (2022). NEOTROPICAL FRESHWATER FISHES: A dataset of occurrence and abundance of freshwater fishes in the Neotropics. *Ecology* (online first). <https://doi.org/10.1002/ecy.3713>
- 22) ACS Franco, ML Lorini, EMC Minsky, MSL Figueiredo, LN dos Santos. (2022). Far beyond the Amazon: global distribution, environmental suitability, and invasive potential of the two most introduced peacock bass. *Biological Invasions* 24: 2851–2872. <http://dx.doi.org/10.1007/s10530-022-02814-6>
- 23) L Diele-Viegas, TS Almeida, I Amati-Martins, CD Bacon, C Silva, RG Collevatti, TEF Cordeiro, J Fenker, G Ferrari, ACSFranco, L Gasparetto, J Hipolito, C Hoehlenwerger, et al. Community voices: Sowing, germinating, flourishing as strategies to support inclusion in STEM. *Nature Communications* 13: 3219. <https://doi.org/10.1038/s41467-022-30981-6>
- 24) RL Macedo, ACS Franco, RF Correa, KN Costa, LG Pereira, FDM Oliveira, GA Klippel, BD Cordeiro, MGR Thiago, MI Rocha, VLM Huszar, LN Santos, CWC Branco. (2021). Spreading of the invasive dinoflagellate *Ceratium furcoides* (Levander) Langhans throughout the Paraíba do Sul ecoregion, South America, Brazil. *Limnetica* 40(2): 233–246 <https://doi.org/10.23818/limn.40.16>
- 25) LN dos Santos, ACS Franco, JS Souza, IC Miyahira, A Rodrigues, ICB Gonçalves, N Krepsky, HB Monte, C Naveira, TMB Cabrini, RRS Abude, M Augusto, N Rodrigues, T Guimarães, R Neves. (2021). Using richness of native and non-native aquatic species along a climatic gradient

- to test the intermediate disturbance hypothesis. *Hydrobiologia* 848: 2055–2075. <http://dx.doi.org/10.1007/s10750-021-04525-w>
- 26) MR Tavares, ACS Franco, CR Ventura, LN dos Santos. (2021). Geographic distribution of *Ophiothela* brittle stars (Echinodermata: Ophiuroidea): substrate use plasticity and implications for the silent invasion of *O. mirabilis* in the Atlantic. *Hydrobiologia* 848: 2093-2103. <https://doi.org/10.1007/s10750-020-04505-6>
 - 27) ACS Franco, E García-Berthou, LN dos Santos. (2021). Ecological impacts of an invasive top predator fish across South America. *Science of the Total Environment* 761: 143296. <https://doi.org/10.1016/j.scitotenv.2020.143296>
 - 28) RL Macedo, ACS Franco, P Russo, T Collart, S Mammola, E Jeppesen, CWC Branco, LN dos Santos. (2021). Climate and landscape changes enhance the global spread of a bloom-forming dinoflagellate related to fish kills and water quality deterioration. *Ecological Indicators* 133: 108408. <http://dx.doi.org/10.1016/j.ecolind.2021.108408>
 - 29) RL Macedo, ACS Franco, G Klippel, E Oliveira, L Silva, LN Santos, CWC Branco. Small in size but rather pervasive: the spread of the North American rotifer *Kellicottia bostoniensis* (Rousselet, 1908) through Neotropical basins. *BioInvasions Records* 9(2): 287-302 <https://doi.org/10.3391/bir.2020.9.2.14>
 - 30) ACS Franco, LN Santos. Habitat-dependent responses of tropical fish assemblages to environmental variables in a marine-estuarine transitional system. *Estuarine Coastal and Shelf Science* 211: 110-117. <https://doi.org/10.1016/j.ecss.2018.02.003>
 - 31) MCNR Chaves, ACS Franco, L B Seixas, LR Cruz, LN Santos. Testing the ecocline concept for fish assemblages along the marine-estuarine gradient in a highly-eutrophic estuary (Guanabara Bay, Brazil). *Estuarine Coastal and Shelf Science* 211: 118-126. <https://doi.org/10.1016/j.ecss.2018.02.004>
 - 32) ACS Franco, LN Santos, AC Petry, E García-Berthou. Abundance of invasive peacock bass increases with water residence time of reservoirs in southeastern Brazil. *Hydrobiologia* 817: 155-166. <https://doi.org/10.1007/s10750-017-3467-x>
 - 33) ACPB Marques, ACS Franco, F Salgueiro, E García-Berthou, LNSantos. Genetic divergence among invasive and native populations of the yellow peacock cichlid *Cichla kelberi*. *Journal of Fish Biology* 89(6): 2595-2606 <https://doi.org/10.1111/jfb.13144>
 - 34) ACS Franco, MCNR Chaves, MPB Castel-Branco, LN Santos. Responses of fish assemblages of sandy beaches to different anthropogenic and hydrodynamic influences. *Journal of Fish Biology* 89(1): 921-938. <https://doi.org/10.1111/jfb.12889>
 - 35) LN Santos, F Salgueiro, ACS Franco, ACPB Marques, F Nóbrega. First record of the invasive blue peacock cichlid *Cichla piquiti* Kullander and Ferreira 2006 (Cichliformes: Cichlidae) in the Paraíba do Sul river basin, south eastern Brazil. *BioInvasions Records* 5: 267-275. <https://doi.org/10.3391/bir.2016.5.4.12>
 - 36) LN Santos, ACS Franco, F Salgueiro, ACPB Marques, F Nóbrega. Molecular analysis confirms the introduction of a second species of yellow peacock cichlid *Cichla monoculus* Spix & Agassiz 1831 (Cichliformes: Cichlidae) in the Southeast Atlantic Hydrographic province, Brazil. *BioInvasions Records* 5: 277-284. <https://doi.org/10.3391/bir.2016.5.4.13>
 - 37) ACS Franco, DS Brotto, DMW Zee, LN Santos. Long-term changes (2002-2011) on *Cetengraulis edentulus* (Clupeiformes: Engraulidae) fisheries in Guanabara Bay, Brazil. *Revista de Biología Tropical* 62(3) <https://doi.org/10.15517/rbt.v62i3.12408>
 - 38) ACS Franco, DS Brotto, DMW Zee, LN Santos Reproductive biology of *Cetengraulis edentulus* (Cuvier, 1829), the major fishery resource in Guanabara Bay, Brazil. *Neotropical Ichthyology* 12(4) <https://doi.org/10.1590/1982-0224-20130205>

Book chapters

- 1) VR Pivello, RM Rocha, JRS Vitule, RR Braga, G Brown, CF Castro, CC Cruz Neto, ACS Franco, G Heringer, ALB Magalhães, RL Miranda, RP Mormul, I Oliveira, H Saulino, DM Matos (2024). Impactos de espécies exóticas invasoras sobre as Contribuições da Natureza para as Pessoas (CNP), o Desenvolvimento Sustentável e a boa qualidade de vida. In: MS Dechoum, AOR Junqueira, ML Orsi. (Org.). Relatório temático sobre espécies exóticas invasoras, biodiversidade e serviços ecossistêmicos. 1ed.São Carlos: Editora Cubo, 133-184. <http://dx.doi.org/10.4322/978-65-00-87228-6.cap4>

- 2) ACS Franco, JS Souza, AA Bertoncini, JC Viaggi, AFGN Santos, LN Santos. (2018). A ictiofauna de praias e fundos não-consolidados. In: JL Valentin, PC Paiva, PS Salomon (eds.). A Baía de Guanabara: passado, presente e futuro de um ecossistema ameaçado. ISBN 978-85-444-2800-9. Editora CRV. <https://doi.org/10.24824/978854442800.9>
- 3) AA Bertoncini, JC Viaggi, ACS Franco, LB Seixas, LR Cruz, LN Santos. (2018) Ictiofauna de costões rochosos da Baía de Guanabara. In: JL Valentin, PC Paiva, PS Salomon (eds.). A Baía de Guanabara: passado, presente e futuro de um ecossistema ameaçado. ISBN 978-85-444-2800-9. Editora CRV. <https://doi.org/10.24824/978854442800.9>

Preprint

- 1) JS Leal, BE Soares, ACS Franco, RGSF Lima, K Baker, M Griffiths (2022) Decolonising ecological research: a debate between global North geographers and global South field ecologists. SocArXiv Papers <https://doi.org/10.31235/osf.io/wbzh2>
- 2) L Diele-Viegas, TS Almeida, I Amati-Martins, CD Bacon, C Silva, RG Collevatti, TEF Cordeiro, J Fenker, G Ferrari, ACSFranco, L Gasparetto, J Hipolito, C Hoehlenwerger, et al. (2021) Gender inequality and not female mentors hinder female scientists career outcomes. OSFPreprints <https://doi.org/10.31219/osf.io/s83zk>

Technical reports

- 1) MAMP Nogueira, EC Guimarães, FM Pelicice, L Faria, ACS Franco, LRR Rodrigues, TPA Ramos, JRS Vitule (2022) Nota Técnica - Ameaças impostas pela Lei Nº 9.665/22 que permite o cultivo de peixes exóticos em sistema aberto no estado do Pará. Sociedade Brasileira de Ictiologia. <https://www.sbi.bio.br/images/sbi/pareceres/2022/nota-tecnica-contraspp-exoticas-Para-08-set-22.pdf>
- 2) ACS Franco, FM Pelicice, AC Petry, FR Carvalho, JRS Vitule, MAMP Nogueira, PMGC Campanha, WM Santana, WS Smith9, ALB Magalhães, EC Guimarães, J Sabino. (2022). Nota Técnica - Ameaças impostas pelo Projeto de Lei 614/2018, ao proteger populações de peixes invasores (tucunarés *Cichla* spp.) no Estado de São Paulo. Sociedade Brasileira de Ictiologia <https://www.sbi.bio.br/images/sbi/pareceres/2022/SBI-nota-tecnica-contraspp-614-218-tucunares.pdf>

Works submitted to conferences

- 1) Title of the work: Decreased functional diversity following the introduction of a top predator fish in Brazilian reservoirs
 Authors: Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: 22nd International Conference on Aquatic Invasive Species - Global CC Amplifies Aquatic Invasive Species Impacts
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Oostende, Belgium; Date of event: April 2022
 Organizing entity: Invasive Species Centre, Canadá
- 2) Title of the work: Distribution patterns of peacock basses *Cichla* spp. and other introduced species in Brazilian ecoregions
 Authors: Mariana Novello Rocha; Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: 22nd International Conference on Aquatic Invasive Species - Global CC Amplifies Aquatic Invasive Species Impacts
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Oostende, Belgium; Date of event: April 2022
 Organizing entity: Invasive Species Centre, Canadá
- 3) Title of the work: Hooked out of place: ensemble forecasting climate suitable areas for the invasive *Cichla ocellaris* Bloch & Schneider, 1801 under two CC scenarios
 Authors: Gabriel Klippel de Assis; Ana Clara Sampaio Franco; Rafael Lacerda Macêdo; Maria Lúcia Lorini; Mariana Novello Rocha; Luciano Neves dos Santos

- Name of the conference: 22nd International Conference on Aquatic Invasive Species - Global CC Amplifies Aquatic Invasive Species Impacts
 Type of event: Conference Geographical area: International
 Type of participation: Participatory – poster presentation
 Corresponding author: No
 City of event: Oostende, Belgium; Date of event: April 2022
 Organizing entity: Invasive Species Centre, Canadá
- 4) Title of the work: Who produces Ecological Research in Latin America?
 Authors: Luisa Diele-Viegas; Flávia Virginio; Giulia Alves-Ferreira; Ana Clara Sampaio Franco et al.
 Name of the conference: OWSD 6th General Assembly and International Conference: Women, science and development
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Trieste, Italy; Date of event: November 2021
 Organizing entity: Organization for Women in Science for the Developing World, Italy
- 5) Title of the work: Not too salty for fish: the importance of varied salinity conditions for preserving fish diversity in Neotropical coastal lagoons
 Authors: Ana Clara Sampaio Franco; Alejandra F. G. N. dos Santos; Magda Andrade-Tubino; Francisco Gerson Araújo; Luciano Neves dos Santos
 Name of the conference: 10th International Shallow Lakes Conference – Towards a landscape ecology of shallow lakes
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Natal, Rio Grande do Norte, Brazil; Date of event: March 2021
 Organizing entity: Universidade Federal do Rio Grande do Norte, Brazil
- 6) Title of the work: Predictors of the invasibility of the peacock basses *Cichla* spp. In reservoirs from the Paraíba do Sul river basin.
 Authors: Ana Clara Sampaio Franco; Luciano Neves dos Santos; Ana Cristina Petry; Emili García-Berthou
 Name of the conference: XIV Brazilian Conference in Limnology – Hydrological resources in crisis: sustainability, biodiversity and knowledge integration facing global changes
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Rio de Janeiro, Brazil; Date of event: July 2017
 Organizing entity: Universidade Federal do Estado do Rio de Janeiro, Brazil
- 7) Title of the work: Ecological impacts of introduced peacock bass on native fish assemblages in Brazilian reservoirs.
 Authors: Ana Clara Sampaio Franco; Luciano Neves dos Santos; Ana Cristina Petry
 Name of the conference: 5º National Conference on Alien Invasive Species
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Girona, Catalunya, Spain; Date of event: October 2017
 Organizing entity: Grupo Especialista en Invasiones Biológicas, Spain
- 8) Title of the work: Sequencing of the mtDNA and nDNA suggest a single event of introduction of the invasive *Cichla kelberi* (Kullander & Ferreira 2006) along a major river for water supply in southeastern Brazil.
 Authors: Felipe Nóbrega; Fabiano Salgueiro; Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: XIV Brazilian Conference in Limnology – Hydrological resources in crisis: sustainability, biodiversity and knowledge integration facing global changes
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - oral communication
 Corresponding author: No

- City of event: Rio de Janeiro, Brazil; Date of event: July 2017
 Organizing entity: Universidade Federal do Estado do Rio de Janeiro, Brazil
- 10) Title of the work: The role of habitat-use patterns on fish assemblages responses to marine and estuarine waters in a tropical bay.
 Authors: Ana Clara Sampaio Franco; Athila Bertoncini Andrade; Luciano Neves dos Santos
 Name of the conference: ECSA 56 – Coastal systems in transition from a natural to an anthropogenically modified state
 Type of event: Conference Geographical area: European Union
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Bremen, Germany; Date of event: September 2016
 Organizing entity: Bangor University, UK
- 11) Title of the work: Checklist of fishes from Urca beaches, Rio de Janeiro.
 Authors: Isis Ribeiro Evangelista; Ana Clara Sampaio Franco; Luana B. Seixas; Jemili C. Viaggi; Athila B. Andrade; Luciano Neves dos Santos
 Name of the conference: Annual Symposium of the Fisheries Society of the British Isles - Fish, Genes & Genomes: Contributions to Ecology, Evolution & Management
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Bangor, Wales, UK; Date of event: July 2016
 Organizing entity: Bangor University, UK
- 12) Title of the work: Seasonal response of reef fish assemblages to environmental variables in a tropical bay.
 Authors: Ana Clara Sampaio Franco; Athila Bertoncini Andrade; Luciano Neves dos Santos
 Name of the conference: Annual Symposium of the Fisheries Society of the British Isles - Fish, Genes & Genomes: Contributions to Ecology, Evolution & Management
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Bangor, Wales, UK; Date of event: July 2016
 Organizing entity: Bangor University, UK
- 13) Title of the work: Spatial changes on the composition and structure of fish assemblages in Guanabara Bay, Brazil.
 Authors: Maria Clara N. R. Chaves; Luana B. Seixas; Livia R. Cruz; Ana Clara Sampaio Franco; Athila B. Andrade; Luciano Neves dos Santos
 Name of the conference: Annual Symposium of the Fisheries Society of the British Isles - Fish, Genes & Genomes: Contributions to Ecology, Evolution & Management
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Bangor, Wales, UK; Date of event: July 2016
 Organizing entity: Bangor University, UK
- 14) Title of the work: Genetic divergence among invasive and native populations of the yellow peacock cichlid *Cichla kelberi* (Cichliformes, Cichlidae).
 Authors: Ana Carolina P.B. Marques; Ana Clara Sampaio Franco; Fabiano Salgueiro; Luciano Neves dos Santos
 Name of the conference: Annual Symposium of the Fisheries Society of the British Isles - Fish, Genes & Genomes: Contributions to Ecology, Evolution & Management
 Type of event: Conference Geographical area: International
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Bangor, Wales, UK; Date of event: July 2016
 Organizing entity: Bangor University, UK
- 15) Title of the work: Effects of different degrees of anthropic pressure on fish assemblages of four sandy beaches in Guanabara Bay, RJ, Brazil.
 Authors: Ana Clara Sampaio Franco; Luciano Neves dos Santos

- Name of the conference: XX Brazilian Ichthyology Meeting – Challenges and tendencies in Brazilian ichthyology
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Recife, Pernambuco, Brazil; Date of event: February 2015
 Organizing entity: Brazilian Society of Ichthyology, Brazil
- 16) Title of the work: Fish segregation in the rock shores of Vermelha beach, Guanaraba bay (Rio de Janeiro, Brazil).
 Authors: Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: XX Brazilian Ichthyology Meeting – Challenges and tendencies in Brazilian ichthyology
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - oral communication
 Corresponding author: Yes
 City of event: Recife, Pernambuco, Brazil; Date of event: February 2015
 Organizing entity: Brazilian Society of Ichthyology, Brazil
- 17) Title of the work: Composition and structure of the fish fauna of seven reservoirs in the state of Rio de Janeiro, Brazil.
 Authors: Igor R. Queiroz; Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: XX Brazilian Ichthyology Meeting – Challenges and tendencies in Brazilian ichthyology
 Type of event: Conference Geographical area: National
 Type of participation: No Participatory - oral communication
 Corresponding author: Yes
 City of event: Recife, Pernambuco, Brazil; Date of event: February 2015
 Organizing entity: Brazilian Society of Ichthyology, Brazil
- 18) Title of the work: Applications of molecular biology in the identification of fish invasive populations: the peacock basses *Cichla* spp. as study case.
 Authors: Ana Carolina P.B. Marques; Ana Clara Sampaio Franco; Luciano Neves dos Santos
 Name of the conference: XX Brazilian Ichthyology Meeting – Challenges and tendencies in Brazilian ichthyology
 Type of event: Conference Geographical area: National
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Recife, Pernambuco, Brazil; Date of event: February 2015
 Organizing entity: Brazilian Society of Ichthyology, Brazil
- 19) Title of the work: Monthly and interannual variation in the commercial captures of the Atlantic anchoveta *Cetengraulis edentulus* (Cuvier, 1829) in Guanabara Bay, Brazil.
 Authors: Ana Clara Sampaio Franco; Daniel S. Brotto; David M. W. Zee; Luciano Neves dos Santos
 Name of the conference: XV Congresso Latinoamericano de Ciencias del Mar
 Type of event: Conference Geographical area: Latin American
 Type of participation: Participatory - poster presentation
 Corresponding author: No
 City of event: Punta Del Este, Uruguay; Date of event: October 2013
 Organizing entity: Latin American Society of Researchers in Marine Science, Brazil.

Scientific, technical and/or assessment committees

- 1) Committee title: Board of examination for Master Candidates of the Graduate Program in Neotropical Biodiversity
 Affiliation entity: Universidade Federal do Estado do Rio de Janeiro
 City affiliation entity: Rio de Janeiro, Brasil
 Start-End date: 03/2022 - 03/2022
- 2) Committee title: Board of examination for Master Candidates of the Graduate Program in Neotropical Biodiversity
 Affiliation entity: Universidade Federal do Estado do Rio de Janeiro
 City affiliation entity: Rio de Janeiro, Brasil

- Start-End date: 03/2021 - 03/2021
- 3) Committee title: Scientific Committee for Posters and Talks of the IV Symposium of the Graduate Program in Neotropical Biodiversity.
Affiliation entity: Universidade Federal do Estado do Rio de Janeiro
City affiliation entity: Rio de Janeiro, Brasil
Start-End date: 06/2022 - 07/2022
 - 4) Committee title: Scientific Committee for Posters and Talks of the XV Meeting of Biologists of the Federal University of the Rio de Janeiro State
Affiliation entity: Universidade Federal do Estado do Rio de Janeiro
City affiliation entity: Rio de Janeiro, Brasil
Start-End date: 04/2022 - 04/2022
 - 5) Committee title: Scientific Committee for Posters and Talks of the III Symposium of the Graduate Program in Neotropical Biodiversity.
Affiliation entity: Universidade Federal do Estado do Rio de Janeiro
City affiliation entity: Rio de Janeiro, Brasil
Start-End date: 11/2019 -11/2019
 - 6) Committee title: Scientific Committee for Posters and Talks of the Symposium of Marine Biology and Conservation.
Affiliation entity: Universidade Federal Fluminense
City affiliation entity: Rio de Janeiro, Brasil
Start-End date: 04/2019 -04/2019

Stays in public or private R&D centres

- 1) Entity: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency
City of entity: Rio de Janeiro, Brazil
Start-End date: 01/10/2019 - 31/05/2023 Duration: 4 years
Goals of the stay: Postdoctoral fellow
- 2) Entity: Universidade Federal Rural do Rio de Janeiro (UFRRJ)
Type of entity: State agency
City of entity: Rio de Janeiro, Brazil
Start-End date: 01/04/2019 – 30/09/2019 Duration: 5 months
Goals of the stay: Postdoctoral fellow
- 3) Entity: Universidade Federal do Rio de Janeiro (UFRJ)
Type of entity: State agency
City of entity: Rio de Janeiro, Brazil
Start-End date: 01/03/2015 – 20/03/2019 Duration: 4 years
Goals of the stay: PhD Candidate
- 4) Entity: Universitat de Girona (UdG)
Type of entity: State agency
City of entity: Girona, Catalonia, Spain
Start-End date: 01/01/2017 – 24/12/2017 Duration: 11 months
Goals of the stay: Doctorate

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

- 1) Name of the project: Grant for Scientific Events (SEI-260003/002531/2020) “I Brazilian Symposium of Ecology and Conservation”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI...): Luciano Neves dos Santos
Funding entity or bodies: Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ)
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 04/2020 - 04/2021
Total amount: BRL \$11,193.16
Dedication regime: Part time

- 2) Name of the project: Productivity fellowship for Brazilian researchers “Non-native piscivorous fish and fisheries productivity in reservoirs”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI....): Luciano Neves dos Santos
Funding entity or bodies: Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Ministry of Science, Technology and Innovation
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 09/2019 - 09/2022
Total amount: BRL \$ 72,000.00
Dedication regime: Part time
- 3) Name of the project: Young Researcher of Our State (E-26/202.755/2018) “Functional and behavioural responses of the native fish fauna to damming and invasive species”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI....): Luciano Neves dos Santos
Funding entity or bodies: Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ)
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 06/2018 - 06/2021
Total amount: BRL \$ 86,400.00
Dedication regime: Part time
- 4) Name of the project: “Chemical analysis of otoliths as tools for identifying fish stocks, migration and connectivity between habitats off the coast of Rio de Janeiro”
Entity where project took place: Universidade Federal Rural do Rio de Janeiro (UFRRJ)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI....): Francisco Gerson Araújo
Funding entity or bodies: Fundo Nacional para a Biodiversidade (FUNBIO)
Type of entity: Private agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 10/2017 - 10/2019
Total amount: BRL \$ 500,000.00
Dedication regime: Part time
- 5) Name of the project: Special Visiting Researcher program “The invasive peacock basses *Cichla* spp. introduced into lakes and reservoirs of the Rio de Janeiro state: major fishery resource or threat to the native fish fauna?”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI....): Luciano Neves dos Santos
Funding entity or bodies: Conselho Nacional de Desenvolvimento Científico e Tecnológico (CNPq), Ministry of Science, Technology and Innovation
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 05/2016 - 05/2018
Total amount: BRL \$ 200,000.00
Dedication regime: Part time
- 6) Name of the project: Young Researcher of Our State (E-26/ 202.840/2015) “Neotropical reservoirs: refuge for native species or stronghold for non-native species?”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI....): Luciano Neves dos Santos
Funding entity or bodies: Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ)
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 05/2015 - 05/2018
Total amount: BRL \$ 86,400.00
Dedication regime: Part time

- 7) Name of the project: Prioridade-RIO (E-26/112.644/2012) “The invasive peacock basses *Cichla* spp. introduced into lakes and reservoirs of the Rio de Janeiro state: major fishery resource or threat to the native fish fauna?”
Entity where project took place: Universidade Federal do Estado do Rio de Janeiro (UNIRIO)
Type of entity: State agency; City of entity: Rio de Janeiro, Brazil
Name principal investigator (PI, Co-PI...): Luciano Neves dos Santos
Funding entity or bodies: Fundação Carlos Chagas Filho de Amparo à Pesquisa do Estado do RJ (FAPERJ)
Type of entity: State agency; City funding entity: Rio de Janeiro, Brazil
Start-End date: 12/2012 - 12/2014
Total amount: BRL \$ 36,637.00
Dedication regime: Part time

Journal reviewer.

- 1) Science of the Total Environment
- 2) Hydrobiologia
- 3) Diversity and Distributions
- 4) Nature Communications
- 5) Fisheries Research
- 6) Neotropical Ichthyology
- 7) Ecological Applications
- 8) Zoology
- 9) Environmental Conservation
- 10) Environmental Biology of Fishes
- 11) Estuaries and Coasts
- 12) BioInvasions Records
- 13) Oecologia Australis
- 14) Pan-American Journal of Aquatic Sciences
- 15) Limnologica
- 16) Biological Invasions
- 17) BioScience
- 18) Frontier in Ecology and Evolution
- 19) Biota Neotropica