

**FABIO P. CALTABELLOTTA**  
Certified Fisheries Professional  
Established by the American Fisheries Society

Senior Research Scientist  
WA Department of Fish and Wildlife  
Marine Fish Science Unit – Region 6  
48 Devonshire Rd  
Montesano, WA 98563

Voice: (564) 224-0000

E-mail: [Fabio.PriorCaltabellotta@dfw.wa.gov](mailto:Fabio.PriorCaltabellotta@dfw.wa.gov)

## **EDUCATION**

---

- 2014 Ph.D. Zoology  
São Paulo State University, Botucatu, Brazil
- 2009 M.S. Sciences (Biological Oceanography)  
Oceanographic Institute, University of São Paulo, São Paulo, Brazil
- 2004 B.S. Biology  
Federal University of Santa Catarina, Florianopolis, Brazil

## **PROFESSIONAL EXPERIENCE**

---

- 2023-present Research Scientist 2  
Marine Fish Science Unit – Region 6, Washington Department of  
Fish and Wildlife
- 2020-present Courtesy Faculty  
Fisheries & Aquatic Sciences, School of Forest, Fisheries, and  
Geomatic Sciences, University of Florida

2022-2023 Postdoctoral Research Associate  
FSU Coastal and Marine Laboratory, Florida State University

2020-2022 Research Associate  
Dept. of Fisheries, Wildlife, and Conservation Sciences, Coastal  
Oregon Marine Experiment Station, Oregon State University

2020-2022 ODFW's Representative  
Statistical and Scientific Committee, Pacific Fishery  
Management Council

2018-2020 Postdoctoral Associate  
Fisheries & Aquatic Sciences, School of Forest, Fisheries, and  
Geomatic Sciences, University of Florida

2016-2018 Research Scholar  
Fisheries & Aquatic Sciences, School of Forest, Fisheries, and  
Geomatic Sciences, University of Florida

2017-2017 Fish Stock Assessment Consultant  
Oceana Brazil, Brasília, Brazil

2015-2016 Analyst  
Seafood Watch Program, Monterey Bay Aquarium

2013-2016 Assistant Professor  
University Center Monte Serrat, Santos, Brazil

2011-2011 Short-term Scholar  
Fisheries & Aquatic Sciences, School of Forest, Fisheries, and  
Geomatic Sciences, University of Florida

2010-2014 Research Assistant, Ph.D. Level  
São Paulo State University, Santos, Brazil

2007-2009 Research Assistant, M.S. Level  
Oceanographic Institute, University of São Paulo, São Paulo,  
Brazil

- 2006-2007      Research Assistant  
Oceanographic Institute, University of São Paulo, São Paulo,  
Brazil
- 2003-2004      Research Assistant  
Center for Sea Studies - NEMAR, Federal University of Santa  
Catarina, Florianopolis, Brazil

## **GRANTS AND PROFESSIONAL AWARDS**

---

- 2019    Biodiversity Institute – University of Florida (UF)  
Integrating Biodiversity Informatics and Dimensions of Sharks  
Biodiversity in the Pelagic Realm. (with lead PI Robert N. M. Ahrens and  
co-PI Zachary Siders) (\$39,044)
- 2014    São Paulo Research Foundation Travel Grant (\$1,900)
- 2014    Colombian Foundation for Research and Conservation of Sharks and Rays  
Award (\$500)
- 2010    São Paulo Research Foundation Doctorate Fellowship (\$42,825)
- 2007    National Council for Scientific and Technological Development Masters  
Fellowship (\$10,650)

## **PUBLICATIONS LIST**

### **PEER-REVIEWED ARTICLES**

---

- 2023    Siders, Z. A., **Caltabellotta, F. P.**, Loesser, K. B., Lauren, T. B., and  
Baiser, B. Using pictographs as traits to explore morphological diversity  
in sharks. *Ecology and Evolution* 13 (1): 1-15.  
<https://doi.org/10.1002/ece3.9761>
- 2022    Silvestri, F., and **Caltabellotta, F. P.** O oceano e a segurança alimentar  
na Macrometrópolis Paulista. *Diálogos Socioambientais* 4 (14): 27-30.
- 2022    Siders, Z. A., Lauren, T. B., **Caltabellotta, F. P.**, Loesser, K. B., Baiser,  
B., and Ahrens, R. M. N. Functional and phylogenetic diversity of  
sharks in the northeastern Pacific. *Journal of Biogeography*.  
<https://doi.org/10.1111/jbi.14383>

- 2020 Corosso, J. T., Gadig, O. B. F., **Caltabellotta, F. P.**, Barreto, R. R. P., and Motta, F. S. (2020). Age and growth of two sharpnose shark species in subtropical waters of Southwestern Atlantic. *Marine and Freshwater Research* 72 (3): 398-410.
- 2020 **Caltabellotta, F. P.**, Siders, Z. A., Cailliet, G. M., Motta, F. S., and Gadig, O. B. F. (2020). Preliminary age and growth of the deep-water Goblin Shark, *Mitsukurina owstoni* (Jordan, 1898). *Marine and Freshwater Research* 72 (3): 432-438.
- 2020 Rolim, F. A., Siders, Z. A., **Caltabellotta, F. P.**, Rotundo, M. M., and Vaske-Junior, T. (2020). Growth and derived life history characteristics of the Brazilian electric ray *Narcine brasiliensis*. *Journal of Fish Biology* 97 (2): 396-408. <https://doi.org/10.1111/jfb.14378>
- 2019 **Caltabellotta, F. P.**, Siders, Z. A., Murie, D. J., Motta, F. S., Cailliet, G. M., and Gadig, O. B. F. (2019). Age and growth of three threatened guitarfishes *Pseudobatos horkelii*, *P. percellens* and *Zapteryx brevirostris* in the western South Atlantic Ocean. *Journal of Fish Biology* 95 (5): 1236-1248. <https://doi.org/10.1111/jfb.14123>
- 2019 **Caltabellotta, F. P.**, Silva, F. M., Motta, F. S., and Gadig, O. B. F. (2019). Age and growth of a threatened endemic skate, *Rioraja agassizii* (Chondrichthyes, Arhynchobatidae) western South Atlantic. *Marine and Freshwater Research* 70 (1): 84-92
- 2016 Domingues, R. R., **Caltabellotta, F. P.**, and Amorim, A. F. (2016). Length-length and length-weight relationships of two shark species (*Carcharhinus* genus) caught by commercial fisheries in the Southwest Atlantic Ocean. *Regional Studies in Marine Science* 6: 83-86.
- 2015 Rolim, F. A., **Caltabellotta, F. P.**, Rotundo, M. M., and Vaske Júnior, T. (2015). Sexual dimorphism based on body proportions and ontogenetic changes in the Brazilian electric ray (von Olfers, 1831) (Chondrichthyes: Narcinidae). *African Journal of Marine Science* 37: 167-176.

- 2014 Motta, F. S., **Caltabellotta, F. P.**, Namora, R. C., and Gadig, O. B. F. (2014). Length-weight relationships of sharks caught by artisanal fisheries from southeastern Brazil. *Journal of Applied Ichthyology* 30: 239-240.
- 2013 Garrone-Neto, D., Santos, R., Maracini, P., **Caltabellotta, F. P.**, and Gadig, O. B. F. 2013. Strandings of the Shortfin Mako and the Pelagic Stingray on the coast of São Paulo State, Southeastern Brazil: Report of Cases. *Boletim do Instituto de Pesca* 39: 187-194.

## **BOOK CHAPTERS**

---

**Caltabellotta, F. P.**, Vaz-dos-Santos, A., and Rossi-Wongtschowski, C. L. D. B. 2019. *Prionace glauca* embryos Linnaeus 1758 in the Southwestern Atlantic Ocean. In: Vaz-dos-Santos, A., & Rossi-Wongtschowski (Ed.). Growth of marine fisheries resources in the Southwestern Atlantic.

## **CONTRIBUTED REPORTS**

---

- 2021 Pacific Fishery Management Council's Groundfish Subcommittee of the Scientific and Statistical Committee (SSC). "Scientific and Statistical Committee's Groundfish Subcommittee Report on the Stock Assessment Mop-Up Review: Data-Moderate Rebuilding Analyses (rapporteur)"
- 2021 Pacific Fishery Management Council, September 2021 Briefing Book. Groundfish Subcommittee of the Scientific and Statistical Committee (SSC). "Scientific and Statistical Committee Report on Adopt Stock Assessments: Catch-Only Projections for Arrowtooth Flounder, Petrale Sole, Canary Rockfish, and Darkblotched Rockfish (rapporteur)"
- 2021 Pacific Fishery Management Council's Groundfish Subcommittee of the Scientific and Statistical Committee (SSC). "Scientific and Statistical Committee's Groundfish Subcommittee Report on Adopt Stock Assessments: Review of the Lingcod Assessment (rapporteur)"

- 2021 Pacific Fishery Management Council’s Groundfish Subcommittee of the Scientific and Statistical Committee (SSC). “Scientific and Statistical Committee’s Groundfish Subcommittee Report on Adopt Stock Assessments: Review of the Squarespot Rockfish Data-Moderate Assessment (rapporteur)”
- 2021 Pacific Fishery Management Council. “Dover Sole Stock Assessment Review (STAR) Panel Report (Panel Member)”
- 2021 Pacific Fishery Management Council. “Spiny Dogfish Stock Assessment Review (STAR) Panel Report (Panel Member)”
- 2021 Pacific Fishery Management Council’s Highly Migratory Species Subcommittee of the Scientific and Statistical Committee (SSC). “Scientific and Statistical Committee’s Highly Migratory Subcommittee Report: Discussion of the Best Practices for Determining Management Limit Reference Points and Status Determination Criteria Using Results of Probabilistic Assessments (rapporteur)”
- 2020 Pacific Fishery Management Council. “Report of the Pre-Assessment Workshop for 2021 Groundfish Stock Assessments of Dover Sole, Copper Rockfish, Quillback Rockfish, and Squarespot Rockfish: Copper Rockfish (rapporteur)”

## **TECHNICAL REPORTS**

---

- Cope, J. M., L.K. Hillier, C. B. Niles, T. Tsou, K. E. Hinton, **F. P. Caltabellotta**. 2023. Status of Black Rockfish (*Sebastes melanops*) in 2023 in state and federal waters off Washington state. Pacific Fishery Management Council, Portland, Oregon. 220p.
- Caltabellotta, F. P.** 2017. Evaluation of management strategies for Stripped weakfish (*Cynoscion guatucupa*) in the southeast-south Brazil. Technical Report. Oceana Brazil. 35pp.
- Caltabellotta, F. P.**, Damasio, L., and Vila-Nova, D. 2016. MBA Seafood Watch Brazilian Snapper Report: Lane snapper, Mutton, snapper, Yellowtail snapper. Technical Report. Seafood Watch. Monterey Bay Aquarium. 75pp.

## INVITED PRESENTATIONS

---

- 2015 Institute of Biosciences, Graduate Program in Aquatic Biodiversity, São Paulo State University, SP, Brazil “Age and growth of fishes: concept, methods, and new approaches”
- 2012 XV Biology Week, University Center São Camilo, SP, Brazil “Biology, Fisheries, and Conservation of Sharks and Rays”
- 2012 XV Veterinary Medicine Academic Week (SAMVET), Methodist University of São Paulo, SP, Brazil “Biology and Management of Sharks and Rays”
- 2010 School of Biological Sciences, Federal University of Santa Catarina, SC, Brazil “Biology, Fisheries, and Conservation of Sharks and Rays”
- 2009 1° Biology Week, São Judas Tadeu University, SP, Brazil “Biology of Sharks”

## CONFERENCE PRESENTATIONS

---

(\*Lead author, \*\* Co-author)

- 2019 \*149<sup>th</sup> American Fisheries Society Annual Meeting, Reno, NV “A stakeholder engagement tool to explore recreational management strategies for Red Snapper in the Gulf of Mexico”
- 2018 \*\* III Shark International Symposium, Joao Pessoa/PB, Brazil “Age and growth of the zipper sand skate *Psammobatis extenta* (Garman, 1913) (Chondrichthyes, Rajidae)”
- 2018 \*\* III Shark International Symposium, Joao Pessoa/PB, Brazil “Age and growth of the Brazilian sharpnose shark *Rhizoprionodon lalandii* in southeastern Brazil”
- 2018 \*\* III Shark International Symposium, Joao Pessoa/PB, Brazil “Age and growth of the lesser electric ray *Narcine brasiliensis* (von Olfers, 1831) (Chondrichthyes: Narcinidae)”

- 2016 \* V Colombian Chondrichthyes Meeting, Bogota, Colombia “Applying data-limited approaches to estimating total allowable catch of gillnet fisheries for the scalloped hammerhead shark (*Sphyrna lewini*) in the southeast-south of Brazil”
- 2014 \* IV Colombian Chondrichthyes Meeting, Medellin, Colombia “Demographic analysis of the Rhinobatidae species in the southeastern of Brazil: a contribution for management plans”
- 2014 \*\* II Shark International Symposium, Durban, South Africa “Sexual dimorphism based on ontogenetic changes and body proportions in the Brazilian electric ray *Narcine brasiliensis* (Chondrichthyes: Narcinidae)”
- 2014 \*\* II Shark International Symposium, Durban, South Africa “Participation of shark genus *Carcharhinus* (Chondrichthyes: Carcharhiniformes) in longline fishery in the Southwest Atlantic Ocean (1971-2009): A contribution for fishery management”
- 2013 \*\* 17<sup>th</sup> European Elasmobranch Association Conference, Plymouth, UK “Mortality estimates of the Brazilian sharpnose shark (*Rhizoprionodon lalandii*) in a nursery area from southeastern Brazil”
- 2012 \* III Colombian Chondrichthyes Meeting, Santa Marta, Colombia “Age and growth of the Brazilian guitarfish (*Rhinobatos horkelli*) using von Bertalanffy growth model with random effects”
- 2012 \*\* III Colombian Chondrichthyes Meeting, Santa Marta, Colombia “Growth parameters of the Brazilian sharpnose shark (*Rhizoprionodon lalandii*) from southeastern Brazil”
- 2012 \*\* III Colombian Chondrichthyes Meeting, Santa Marta, Colombia “Morphometry and relative growth of the Brazilian electric ray *Narcine brasiliensis* (Elasmobranchii: Narcinidae) in the coast of Sao Paulo state, Brazil”
- 2012 \*\* III Colombian Chondrichthyes Meeting, Santa Marta, Colombia “Strandings of the pelagic stingray, *Pteroplatytrygon violacea*, in the coast of Sao Paulo state, Southeastern Brazil: report of four cases”



- 2012 \*\* XXIV Congress on Undergraduate Research, Sao Vicente, Brazil “Morphometric development of the Brazilian electric ray *Narcine brasiliensis* (Olfers, 1831) (Elasmobranchii: Narcinidae)”
- 2012 \*\* XXIV Congress on Undergraduate Research, Sao Vicente, Brazil “Age and Growth of the Rio skate *Rioraja agassizii* (Chondrichthyes, Rajiformes) of the Sao Paulo Continental shelf”
- 2010 \*\* IV National Symposium of Sharks and Rays, Ciudad del Mexico, Mexico. “Comparación mormométrica entre embriones de tiburón azul, *Prionace glauca* (Linnaeus, 1758) del Océano Atlántico Sur occidental y del Océano Pacífico centro oriental”
- 2008 \* IV Brazilian Symposium on Oceanography, Sao Paulo, Brazil. “Relative growth of the Blue shark embryos, *Prionace glauca* (Linnaeus, 1758) in the southeast-south region of Brazil, 1998”
- 2006 \* V Brazilian Society for the Study of Elasmobranchs meeting (V SBEEL), Itajai, Brazil “Length at first gonadal maturation of the Blue shark males *Prionace glauca* (Linnaeus, 1758) in the southeast-south of Brazil”

## **PUBLIC SEMINARS**

---

- 2020 Hatfield Research Seminar Series, Oregon State University “Life history of elasmobranch fishes: How can we inform data-deficient species?”

## **OUTREACH & EXTENSION**

---

- 2023 Apalachicola Bay System Initiative, FSU Coastal and Marine Lab, Florida State University “Interactive Tool: [https://fcaltabellotta.shinyapps.io/Oyster\\_Decision\\_Support\\_Tool/](https://fcaltabellotta.shinyapps.io/Oyster_Decision_Support_Tool/)”
- 2022 Hatfield Marine Science Day, Fisheries Oceanography and Population Dynamics Lab, Oregon State University “Interactive Tool: <https://fcaltabellotta.shinyapps.io/Marine-Science-Day-2021/>”

2021 Hatfield Marine Science Day, Fisheries Oceanography and Population Dynamics Lab, Oregon State University “Interactive Tool: <https://fcaltabellotta.shinyapps.io/Marine-Science-Day-2021/>”

## **PROFESSIONAL SERVICE**

---

Editor: UF Postdoctoral Editors Association (UF-PEA) (2018-2020)

Managing Editor: Journal of Experimental Marine Biology and Ecology (2022-present)

Journal Referee

*PLOS One* (3), *Journal of Applied Ecology* (1), *Fisheries Management and Ecology* (1), *Marine and Freshwater Research* (2), *Fisheries Research* (4), *Theoretical Ecology* (1), *Regional Studies of Marine Science* (2), *Pan-American Journal of Aquatic Sciences* (1), *Journal of the Marine Biological of the United Kingdom* (1), *Thalassas* (1), *Boletim do Instituto de Pesca* (1)

Grant Reviewer: Brazilian Biodiversity Fund (FUNBIO) - TAC Frade Program, Rio de Janeiro/Brazil “Support for Marine and Fisheries Research in Rio de Janeiro”

Organizer: IV Brazilian Symposium on Oceanography  
I Brazilian Workshop on Modeling Applied to Fisheries

Expert Panels: STAR Panel Member. Spiny Dogfish Stock Assessment Review (STAR) Panel. Pacific Fishery Management Council (2021).  
STAR Panel Member. Dover Sole Stock Assessment Review (STAR) Panel. Pacific Fishery Management Council (2021).

PFMC: Member, Statistical Scientific Committee (SSC), Pacific Management Fishery Council (2020-2022)  
Member, SSC Groundfish Subcommittee (GFSC), Pacific Management Fishery Council (2020-2022)  
Member, SSC Highly Migratory Species Subcommittee (HMS), Pacific Management Fishery Council (2020-2022)

OSU: FWCS Graduate Committee (2021-2022)  
Undergraduate Scholarship Committee (2020-2022)

## **CONTINUING EDUCATION**

---

- 2020 School of Aquatic and Fishery Sciences, University of Washington  
“Numerical Computing for the Natural Resources”
- 2020 School of Aquatic and Fishery Sciences, University of Washington  
“Introduction to Stock Synthesis”
- 2014 IV Colombian Chondrichthyes Meeting “Stock Assessment Methods  
for Chondrichthyes”
- 2012 Monterey Bay Aquarium, Seafood Watch “SFW Wild Capture  
Fisheries Training for Brazilian Analysts”
- 2012 III Colombian Chondrichthyes Meeting “Introduction to age and  
growth studies”
- 2010 II Colombian Chondrichthyes Meeting “Quantitative techniques of  
exploited populations”
- 2009 Fisheries Institute, Santos, Brazil “Fisheries Observer Training  
Program”

## **TEACHING EXPERIENCE**

---

### COURSES TAUGHT

- OSU: Ichthyology, FW 315, 3 credits (eCampus)  
Systematics of Fishes, FW 316, 3 credits (eCampus)  
Fish Ecology, FW 473, 4 credits (eCampus)
- UNIMONTE: Ichthyology, OCE2AM-VMA, 3 credits  
Fishing Technology, OCE3AM-VMA, 2 credits  
Fisheries Biology, OCE3BM-VMA, 3 credits  
Fisheries Management, OCE4BM-VMA, 2 credits  
Aquaculture, MEV2BM-VMA, 4 credits

## GUEST LECTURE

UNESP: Introduction to R Language, PPG-BAC, 4 hours  
Fisheries Biology “Growth”, CBBM-05, 4 hours

## UNDERGRADUATE STUDENTS (CO-ADVISOR)

Giovanna Giannetto Gardel Guolo	(B.S.,2015)	UNIMONTE
Mariana de Almeida Leme	(B.S.,2015)	UNIMONTE
Flávia Milão Silva	(B.S., 2012)	UNESP
Fernanda Andreoli Rolim	(B.S., 2012)	UNESP

## UNDERGRADUATE STUDENTS (COMMITTEE MEMBER)

Giovanna Giannetto Gardel Guolo	(B.S., 2015)	UNIMONTE
Mariana de Almeida Leme	(B.S., 2015)	UNIMONTE
Marcela Coffacci de Lima Viliod	(B.S., 2015)	UNESP
Sthefany Rosa Alfaia	(B.S., 2015)	UNESP
Egberto Murrari dos Santos	(B.S., 2015)	UNIMONTE
Daniel Vicente Oda	(B.S., 2014)	UNIMONTE
Flávia Milão Silva	(B.S., 2012)	UNESP
Júlio Guazzelli Gonzales	(B.S., 2012)	UNESP
Caio Ribeiro Barbi	(B.S., 2010)	MACKENZIE
Fabiola Jordão Micheloni	(B.S., 2005)	UFSC

## GRADUATE STUDENTS (COMMITTEE MEMBER)

Aline Cristina Prado	(M.S., 2020)	UFPR
----------------------	--------------	------