

YURI SILVA DE SOUZA

The University of Miami
Department of Biology
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Language proficiency:
Portuguese (*Native speaker*)
English (*Fluent*)
Technical Skills:
R, R Markdown, Tidyverse, Shiny,
GitHub, SQL, ArcGIS, QGIS, Adobe
Illustrator

RESEARCH INTERESTS

I have delved into various research topics throughout my career, including plant modeling, fieldwork, and mammal surveys. My research has primarily focused on understanding how populations, communities, and ecosystems react to human disturbances from different perspectives. My main interest is to comprehend the impact of the Anthropocene on organisms and environmental maintenance, specifically how engineering species affect ecosystem functioning.

EDUCATION

Ph.D. Biology, The University of Miami, Miami, FL, USA Advisor: Dr. Amy Zanne	2022 - present
MBA in Data Science and Analytics, University of São Paulo, Piracicaba, SP, Brazil Advisor: Dr. Walter Mesquita Filho	2021 - 2023
M.Sc. Ecology and Biodiversity, São Paulo State University, Rio Claro, SP, Brazil Advisor: Dr. Mauro Galetti	2018 - 2021
B.S. Ecology and Biodiversity, São Paulo State University, Rio Claro, SP, Brazil Advisor: Dr. David Montenegro Lapola	2013 - 2016

PEER-REVIEWED PUBLICATIONS

05. Lautenschlager, Lais; **Souza, Yuri**; Galetti, Mauro. 2022. Frugivory and seed dispersal by the Red-footed Tortoise *Chelonoidis carbonaria*. *Acta Oecologica*, 116: 103837.
04. **Souza, Yuri**; Villar, Nacho; Ziparro, Valesca; Nazareth, Sérgio; Galetti, Mauro. 2021. Large mammalian herbivores modulate plant growth-form diversity in a tropical rainforest. *Journal of Ecology*, 110(04): 845-859.
03. **Souza, Yuri**, *et al.* 2019. ATLANTIC MAMMALS: a data set of assemblages of medium and large-sized mammals of the Atlantic Forest of South America. *Ecology*, 110(10): e02785.
02. Vancine, Maurício H.; Duarte, Kauã da Silva; **De Souza, Yuri S.**; Giovanelli, João G. R.; Martins-sobrinho, Paulo M.; López, Ariel; Bovo, Rafael P.; Maffei, Fábio; Lion, Marília B.; Ribeiro Júnior, José W.;

Brassaloti, R.; Da Costa, Carolina O, R.; Sawakuchi, Henrique O.; Forti, Lucas R.; Cacciali, Pier; Bertoluci, Jaime; Haddad, Célio F, B.; Ribeiro, Milton C. 2018. ATLANTIC AMPHIBIANS: a data set of amphibian communities from the Atlantic Forests of South America. *Ecology*, 99(07): 1692-1692.

01. Conciani, Dhemerson; **De Souza, Yuri S.**; Ruffino, Paulo H, P.; Zanchetta, Denise. 2018. Análise Temporal da Invasão Biológica de *Pinus sp.* em Área Úmida do Domínio Cerrado. *Revista Brasileira de Geografia Física*, 11(02): 521-531.

BOOK CHAPTER

01. Galetti, Mauro; Gonçalves, Fernando; Villar, Nacho; Zipparro, Valesca; Paz, Claudia; Mendes, Calebe; Lautenschlager, Lais; **Souza, Yuri**; Akkawi, Paula; Pedrosa, Felipe; Bulascoschi, Leticia; Bello, Carolina; Sevá, Anaiá P.; Sales, Lilian; Genes, Luísa; Abra, Fernanda; Bovendorp, Ricardo S. The Atlantic Forest History, Biodiversity, Threats and Opportunities of the Mega-diverse Forest. Chapter: *Causes and Consequences of Large-Scale Defaunation in the Atlantic Forest*. 2021, 297–324p, ISBN: 978-3-030-55322-7.

AWARDS AND FELLOWSHIPS

2023 The University of Miami, Biology, Kushlan Fund (US\$ 500,00).
2023 The University of Miami, Biology Graduate Symposium, Best poster (US\$ 100,00).
2022 The University of Miami, Ph.D. Dean's Fellowship (US\$ 76.000,00).
2022 São Paulo State University, Research Technical Training Fellowship (BRL 13.021,60).
2019 São Paulo State University, M.Sc. FAPESP International Fellowship (US\$ 9.636,00).
2019 São Paulo State University, M.Sc. FAPESP Scholarship (BRL 48.231,95).
2015 São Paulo State University, B.S. FAPESP Scholarship (BRL 8.038,10).

ACADEMIC PRESENTATIONS & ORGANIZATIONS

Conference Presentations

2021 Association for Tropical Biology and Conservation (ATBC).
2021 100th Annual Meeting of the American Society of Mammologists.
2019 XX Brazilian Congress of Mastozoology.

University Seminars

2023 The University of Miami, Climate and Health Symposium.
2023 The University of Miami, Biology Graduate Symposium.
2022 The University of Miami, Biology, Friday's seminar.
2016 São Paulo State University, Ecology, Climate Change Conference.
2016 São Paulo State University, Annual manuscript conference.
2016 Universidade do Vale do Paraíba, XX Annual American latins meeting.

Conference Organization

2021 Association for Tropical Biology and Conservation (ATBC) – “Integrating defaunation with other key drivers of structure and diversity of tropical forests”.
2019 XX Brazilian Congress of Mastozoology, Águas de Lindóia, SP, Brazil.
2014 Commission President of XXV Week Ecology Studies, Rio Claro, SP, Brazil.
2013, '14, '15 I, II, and III Workshop about the implementation of Ecosystem Services in rural properties, Rio Claro, SP, Brazil.
