



Eduardo S. Bongioio

Data Analyst

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[LinkedIn](#)

[Website](#)

PROFESSIONAL EXPERIENCE

2020 – present: Freelancer

- Develop R script for automation in data analysis (Tidyverse, mostly dplyr) of raster files that reduce the timeline of the project from 6 to 2 months.
- Presented data using visualizations (ppt, graphs, maps, and reports)
- Creation of maps in ArcGIS to be used in a research project
- Website development and updating

2017 – 2019: University of Florida – Research Assistant

- Development of the first growth and production model for Brazil nut (*Bertholletia excelsa*) in secondary forests.
- Research involved field data collection, data managing (excel and R), model construction (Python), statistical analysis (R) and elaboration of the final map of Brazil nut productivity (R).

2014 Apr - Jul: ALLPLAN Urban and Environmental Planning - Project Assistant

- Lead supervisor for fieldwork. and research related to environmental and urban planning projects.
- Data management: Data collection, manipulation, analysis, visualizations, and reports.

2013 Aug - Oct: METALMIG – Intern

- Monitored water resources in areas undergoing environmental rehabilitation.
- Collected and classified solid waste and created an operational manual for safe disposal of oil-based products.

EDUCATION

2022 Coursera

- Google Data Analytics Professional Certificate

2019 University of Florida (UF - USA)

- Master of Science, Forest Resources & Conservation
- Tropical Conservation and Development (TCD) certificate

2013 Universidade do Extremo Sul Catarinense (UNESC - Brazil)

- Bachelor's in environmental engineering

TECHNICAL SKILLS

- Proficiency with spreadsheets, R and Python.
- Strong data visualization skills (R, Python, excel and Tableau)
- Relational databases and SQL
- Statistical analyses
- Strong analytical skills
- GIS: ArcGIS and QGIS

LANGUAGES

- English (fluent)
- Portuguese (native)
- German (intermediate)
- Spanish (basic)

ACADEMIC AWARDS

- 2019 School of Forest Resources and Conservation (SFRC) - Best Thesis Award
2018 Tropical Conservation and Development (TCD) - field grant and assistantship
2017 International Biodiversity Foundation - field grant and fellowship
2016 English Language Institute - nomination for best performance and progress
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VOLUNTEER EXPERIENCE

- 2017 **Workshop for knowledge exchange and reflection on timber management in extractive reserves.**
- Facilitation of a workshop which integrated multi-level stakeholders' groups of - community-based timber management in sustainable use protected areas
- Workshop objectives include knowledge exchange and reflection about diverse governance approaches to timber management
- 2012 **Trainee ECOJr.**
- Part of the first Trainee cohort program for the Environmental Engineer Jr. company.
- 2011 – 2013 **AIESEC, Local Office of Criciúma**
- Member of the talent management team: Manage data from new applicants using google sheets formulas and was responsible to organized interviews with the rest of the team.
- Director of Finance and Director of Social Exchanges
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PUBLICATIONS

- In press Preuss, G. Bongioiolo, E.S. Padial, A.A. In press. Ecosystem services as a conservation tool for phyllostomid bats in the Atlantic Forest.
- 2021 Mere-Roncal, C., Cardoso Carrero, G., Chavez, A. B., Almeyda Zambrano, A. M., Loiselle, B., Veluk Gutierrez, F., Luna-Celino, V., et al. (2021). Participatory Mapping for Strengthening Environmental Governance on Socio-Ecological Impacts of Infrastructure in the Amazon: Lessons to Improve Tools and Strategies. *Sustainability*, 13(24), 14048. MDPI AG. Retrieved from <http://dx.doi.org/10.3390/su132414048>
- 2020 Schmitz Bongioiolo, E., K.A. Kainer, W. Cropper, C. Staudhammer and L.H.O. Wadt. 2020. Swidden fallow management to increase landscape-level Brazil nut productivity. *Forest Ecology and Management*. 464:118019. <https://doi.org/10.1016/j.foreco.2020.118019>
- 2019 Bongioiolo, E.S., 2019. Evaluation of swidden fallow potential to increase landscape-level Brazil nut (*Bertholletia excelsa*) productivity in western Amazonia. Master Thesis. University of Florida, School of Forest Resources and Conservation, Gainesville, 62pg.
- 2018 Preuss, G.; Bongioiolo, E.; Bolla, D.A.A.; Ceron, K.; Carvalho, F. 2018. Predation on the Southern Water Snake, *Nerodia fasciata* (Serpentes: Natricidae) by American Bittern, *Botaurus lentiginosus* (Aves: Ardeidae). *HERPETOLOGY NOTES*, v. 11, p. 943-944.
- 2018 Preuss, G.; Bongioiolo, E.; Bolla, D.A.A.; Ceron, K.; Carvalho, F. 2018. Predation on the Cuban Tree-frog *Osteopilus septentrionalis* (Anura: Hylidae) by the Eastern ratsnake *Pantherophis alleghaniensis* (Serpentes: Colubridae). *HERPETOLOGY NOTES*, v. 11, p. 751-753.
- 2015 Simão, L., Costa, P.D. De, Bongioiolo, E.S., Furmanski, M., 2015. Proposed environmental program education in a plastic industry and metal mechanical, in: 6° Forum Internacional de Resíduos Sólidos. São José dos Campos, pp. 1–7.
- 2013 Bongioiolo, E.S., 2013. Avaliação da qualidade das águas superficiais em área de mineração de cassiterita em processo de reabilitação ambiental, na Floresta Nacional do Jamari, Rondônia. Trabalho de conclusão de curso: Universidade do Extremo Sul Catarinense.