
Curriculum vitae
Felipe Pimentel Lopes de Melo
Version January 2022
(Hyperlinks)
Orcid; Scopus ID; Publons; Google scholar
CV Lattes (Official Brazilian CV in English)

Personal information
Overview: I am an ecologist and conservation scientist interested in how people and biodiversity share working landscapes. My research programs cover functional and landscape ecology, biotic homogenization, forest and landscape restoration, natural resources management and poverty-forest relationships. I am an enthusiastic lecturer who loves field courses and sharing real-world experiences with students and colleagues.

Full name: Felipe Pimentel Lopes de Melo
Date of birth: October, 21st de 1978
Nationality: Brazil
Address: Rua Gomes Pacheco 425, Recife-PE, Brazil. 52021-060
Phone number: +55 81 985094991
email: felipe.plmelo@ufpe.br / fplmelo@gmail.com
website: www.ecoaplic.org

Education

2004 - 2009	**PhD in Biological Sciences** National Autonomous University of Mexico, UNAM
2002 - 2004	**MSc in Vegetal Biology** Federal University of Pernambuco, Brazil
1996 - 2001	**BSc in Biology** Federal University of Pernambuco, Brazil

Language skills:

English:	fluent
Spanish:	fluent
Portuguese:	native speaker

PostDoc Fellowships

2020	**Lancaster Environment Centre, Lancaster University, UK** (Sabbatical; shortened due to Covid pandemics)
2009 - 2010	**Federal University of Pernambuco, Brazil** (Supervisor: Marcelo Tabarelli)

Present and previous employments

2011-present	**Associate Professor in Applied Ecology,** Federal University of Pernambuco
2009-2011	**Project Manager,** Centro de Pesquisas Ambientais do Nordeste (Cepan [www.cepan.org.br])

Appointments/board participation

- Member of the Public Policy Group of the Brazilian Association of Ecology and Conservation - ABECO (https://abeco.org.br/)
- Member of Scientific Committee of the Brazilian Platform on Biodiversity and Ecosystem Services - BPBES (https://www.bpbes.net.br/quem-somos/biografias/)
- Member of thesis evaluation committees and defenses of dozens of PhD and MSc candidates in Brazil and Mexico

Distinctions and Awards

2021 3rd Fellowship of Science Productivity (Level 2), CNPq-Brazil
2018 2nd Fellowship of Science Productivity (Level 2), CNPq-Brazil
2015 1st Fellowship of Science Productivity (Level 2), CNPq-Brazil
2009 Honorific mention for Doctoral thesis, UNAM, México
2008 2nd place Bacardi Award for best PhD student presentation at the ATBC meeting
2007 Distinction Carloz Vázquez-Yañez of best PhD candidate presentation, México

Teaching experience

Undergraduate courses

Name of the course	*Number of students per course*	*Hours per course*	*Quantity of courses*	*Total teaching load*
Cryptogamic botany	45	105	3	315
Economic Botany	35	60	3	180
Ecology of Ecosystems and Communities	45	60	16	960
General Ecology 2	35	60	16	960
Field Ecology (field course)	20	45	2	90
Numerical Ecology	35	45	2	90

*All courses were taught in Portuguese or Spanish with eventual classes in English during field courses.

Postgraduate courses

Name of the course	*Number of students per course*	*Hours per course*	*Quantity of courses*	*Total teaching load (hours)*
Statistics applied to botany	20	45	6	270
Conservation Biology	20	60	3	180
Ecology and Conservation of Dry Tropical Forests (field course)	20	180	9	1620
Design of research projects	30	45	9	405
Ecology of fragmented forests (Mexico)	20	180	6	1080

*All courses were taught in Portuguese and/or Spanish with eventual classes in English mostly during field courses.

Other courses

Name of the course	*Year*	*Number of students*	*Hours*	*Institution*
Ecological Restoration in Cattle Ranching Landscapes	2014	20	45	Elti, Yale-USA
Introduction to Forest Restoration - Introducción a la Ecología y Estrategias para la Restauración de Bosques Tropicales en Paisajes Intervenidos	2014 (online)	20	60	Elti, Yale-USA
Payment for Ecosystem services	2010	30	45	Elti, Yale-USA and Cepan, Brazil

Experience as main supervisor

PhD supervision. 3 students defended; 2 current students.
MSc supervision. 8 students defended; 1 current student
BSc supervision. 18 student defended; 0 current student

List of scientific works

Doctoral thesis
Title: Effects of forest fragmentation on the seed dispersal and regeneration of the Centralamerican tropical forests. Supervisor: Dr. Gerardo Ceballos

Citation records (January 2021)

Database	H-index	Number of citations
Scopus	27	3132
Publons	26	2830
Google scholar	30	4825

Reviewer for academic journals
PNAS, Proceedings of the Royal Society- B, Journal of Applied Ecology, Journal do Ecology, Biological Conservation, Global Change Biology, Landscape Ecology, Plos One, Land Use Policy, etc.

Peer-reviewed papers
(marked with * the publications where I am first-author or correspondent/senior author or refer to paper from BSs, MSC and PhD students I supervised; ** from MSc and ***from PhD)

1. Poorter, L. Craven, D. Jakovac, C [...] **Melo F.P.L**.[...] et al. (2021). Multidimensional tropical forest recovery. Science, 374:1370-1376. https://doi.org/10.1126/science.abh3629
2. *Sena, PHA., Gonçalves-Souza, T., Gonçalves, PHS., Ferreira, PSM., Gusmão, RAF., **Melo, FPL**. (2021). Biocultural restoration improves delivery of ecosystem services in social-ecological landscapes. Restoration Ecology, (in press). https://doi.org/10.1111/rec.13599
3. Pivello VR, Vieira I, Christianini AV, Ribeiro DB, Menezes LS, Berlinck CN, **Melo FPL**, Marengo JA, Tornquist CG, Tomas VM, Overbeck GE (*in press*). Understanding Brazil's catastrophic fires: Causes, consequences and policy needed to prevent future tragedies. Perspectives in Ecology and Conservation https://doi.org/10.1016/j.pecon.2021.06.005
4. Filgueiras, BKC, Peres, CA, **Melo, FPL**, Leal, IR, Tabarelli, M. (2021). Winner–Loser Species Replacements in Human-Modified Landscapes. Trends in Ecology and Evolution 36, 545:555 http://dx.doi.org/10.1016/j.tree.2021.02.006
5. ***Melo F.P.L**., Parry, L., Brancalion, P.H.S., Pinto, S.R.R., Freitas, J., Manhães, A.P., et al. (2021). Adding forests to the water–energy–food nexus. Nature Sustainability, 4, 85–92. https://doi.org/10.1038/s41893-020-00608-z
6. Silva, M.C., **Melo F.P.L**. & van den Berg, E. (2021). Changes in tree size, not species diversity, underlie the low above-ground biomass in natural forest edges. Journal of Vegetation Science, 32. https://doi.org/10.1111/jvs.13003
7. *Pinho, B.X., Tabarelli, M., ter Braak, C.J.F., Wright, S.J., Arroyo-Rodríguez, V., Benchimol, M.,[...] **Melo F.P.L**. (2021). Functional biogeography of Neotropical moist

forests: Trait–climate relationships and assembly patterns of tree communities. Global Ecology and Biogeography, 30: 1430-1446. https://doi.org/10.1111/geb.13309

8. *Jamelli, D., Bernard, E. & **Melo F.P.L**. (2021). Habitat use and feeding behavior of domestic free-ranging goats in a seasonal tropical dry forest. Journal of Arid Environments, 190. https://doi.org/10.1016/j.jaridenv.2021.104532
9. *Menezes, T., Carmo, R., Wirth, R., Leal, I.R., Tabarelli, M., Laurênio, A., **Melo F.P.L**. (2021). Introduced goats reduce diversity and biomass of herbs in Caatinga dry forest. Land Degradation and Development, 32, 79–90. https://doi.org/10.1002/ldr.3693
10. Melito, M., Arroyo-Rodríguez, V., Metzger, J.P., Cazetta, E., Rocha-Santos, L., **Melo F.P.L**., et al. (2021). Landscape forest loss decreases aboveground biomass of Neotropical forest patches in moderately disturbed regions. Landscape Ecology, 36, 439–453. https://doi.org/10.1007/s10980-020-01166-7
11. Arroyo-Rodríguez, V., Fahrig, L., Watling, J.I., Nowakowski, J., Tabarelli, M., Tischendorf, L., **Melo F.P.L**. et al. (2021). Preserving 40% forest cover is a valuable and well-supported conservation guideline: reply to Banks-Leite et al. Ecology Letters, 24, 1114–1116. https://doi.org/10.1111/ele.13689
12. Arroyo-Rodríguez, V., Fahrig, L., Tabarelli, M., Watling, J.I., Tischendorf, L., Benchimol, M.,[...] **Melo F.P.L**. et al. (2020). Designing optimal human-modified landscapes for forest biodiversity conservation. Ecology Letters, 23, 1404–1420. https://doi.org/10.1111/ele.13535
13. Villalobos-Chaves, D., **Melo F.P.L**. & Rodríguez-Herrera, B. (2020). Dispersal patterns of large-seeded plants and the foraging behaviour of a frugivorous bat. Journal of Tropical Ecology, 36, 94–100. https://doi.org/10.1017/S0266467420000036
14. Araújo, M.E.D., Mattos, F.M.G.D., **Melo F.P.L**, Chaves, L.D.C.T., Feitosa, C.V., Lippi, D.L., et al. (2020). Diversity patterns of reef fish along the Brazilian tropical coast. Marine Environmental Research, 160. https://doi.org/10.1016/j.marenvres.2020.105038
15. Kattge, J., Bönisch, G., Díaz, S., Lavorel, S., Prentice, I.C., Leadley, P.,[...] **Melo F.P.L**.[...] et al. (2020). TRY plant trait database – enhanced coverage and open access. Global Change Biology, 26, 119–188. https://doi.org/10.1111/gcb.14904
16. *Menezes, T.G.C. & **Melo F.P.L**. (2019). Assembly patterns of tree seedling communities in a human-dominated Tropical landscape. Austral Ecology, 44, 1204–1212. https://doi.org/10.1111/aec.12798
17. *Bernard, E. & **Melo F.P.L.** (2019). Fuleco™ revisited: Football, conservation and lessons learned from the 2014 FIFA World Cup. Biotropica, 51, 473–476. https://doi.org/10.1111/btp.12681
18. *Neri, M., Jameli, D., Bernard, E. & **Melo F.P.L.** (2019). Green versus green? Adverting potential conflicts between wind power generation and biodiversity conservation in Brazil. Perspectives in Ecology and Conservation, 17, 131–135. https://doi.org/10.1016/j.pecon.2019.08.004
19. *Pinho, B.X., Tabarelli, M., Engelbrecht, B.M.J., Sfair, J. & **Melo F.P.L**. (2019). Plant functional assembly is mediated by rainfall and soil conditions in a seasonally dry tropical forest. Basic and Applied Ecology, 40, 1–11. https://doi.org/10.1016/j.baae.2019.08.002
20. *Specht, M.J., Santos, B.A., Marshall, N., **Melo F.P.L**., Leal, I.R., Tabarelli, M., et al. (2019). Socioeconomic differences among resident, users and neighbour populations of a protected area in the Brazilian dry forest. Journal of Environmental Management, 232, 607–614. https://doi.org/10.1016/j.jenvman.2018.11.101
21. Fletcher, R.J., Didham, R.K., Banks-Leite, C., Barlow, J., Ewers, R.M., Rosindell, J., [...] **Melo F.P.L**.[...] et al. (2018). Is habitat fragmentation good for biodiversity? Biological Conservation, 226, 9–15. https://doi.org/10.1016/j.biocon.2018.07.022

22. Slik, J.W.F., Franklin, J., Arroyo-Rodríguez, V., Field, R., Aguilar, S., Aguirre, N., [...] **Melo F.P.L**. [...] et al. (2018). Phylogenetic classification of the world's tropical forests. Proceedings of the National Academy of Sciences of the United States of America, 115, 1837–1842. https://doi.org/10.1073/pnas.1714977115
23. *Santo-Silva, E.E., Santos, B.A., Arroyo-Rodríguez, V., **Melo F.P.L**., Faria, D., Cazetta, E., et al. (2018). Phylogenetic dimension of tree communities reveals high conservation value of disturbed tropical rain forests. Diversity and Distributions, 24, 776–790. https://doi.org/10.1111/ddi.12732
24. *Pinho, B.X., **Melo F.P.L**., Arroyo-Rodríguez, V., Pierce, S., Lohbeck, M. & Tabarelli, M. (2018). Soil-mediated filtering organizes tree assemblages in regenerating tropical forests. Journal of Ecology, 106, 137–147. https://doi.org/10.1111/1365-2745.12843
25. Pierce, S., Negreiros, D., Cerabolini, B.E.L., Kattge, J., Díaz, S., Kleyer, M., ,[...] **Melo, F.P.L** [...] ,et al. (2017). A global method for calculating plant CSR ecological strategies applied across biomes world-wide. Functional Ecology, 31, 444–457. https://doi.org/10.1111/1365-2435.12722
26. Meli, P., Herrera, F.F., **Melo, F.P.L,** Pinto, S., Aguirre, N., Musálem, K., et al. (2017). Four approaches to guide ecological restoration in Latin America. Restoration Ecology, 25, 156–163. https://doi.org/10.1111/rec.12473
27. *Arroyo-Rodríguez, V., **Melo F.P.L**., Martínez-Ramos, M., Bongers, F., Chazdon, R.L., Meave, J.A., et al. (2017). Multiple successional pathways in human-modified tropical landscapes: new insights from forest succession, forest fragmentation and landscape ecology research. Biological Reviews, 92, 326–340. https://doi.org/10.1111/brv.12231
28. Arroyo-Rodríguez, V. & **Melo F.P.L.** (2016). Commentary: Anthropogenic disturbances jeopardize biodiversity conservation within tropical rainforest reserves. Frontiers in Ecology and Evolution, 4. https://doi.org/10.3389/fevo.2016.00073
29. Chapman, H., Cordeiro, N.J., Dutton, P., Wenny, D., Kitamura, S., Kaplin, B., ,[...] **Melo, F.P.L** [...] et al. (2016). Seed-dispersal ecology of tropical montane forests. Journal of Tropical Ecology, 32, 437–454. https://doi.org/10.1017/S0266467416000389
30. Slik, J.W.F., Arroyo-Rodríguez, V., Aiba, S.-I., Alvarez-Loayza, P., Alves, L.F., Ashton, P., et al. (2015). An estimate of the number of tropical tree species. Proceedings of the National Academy of Sciences of the United States of America, 112, 7472–7477. https://doi.org/10.1073/pnas.1423147112
31. *Specht, M.J., Pinto, S.R.R., Albuquerque, U.P., Tabarelli, M. & **Melo F.P.L.** (2015). Burning biodiversity: Fuelwood harvesting causes forest degradation in human-dominated tropical landscapes. Global Ecology and Conservation, 3, 200–209. https://doi.org/10.1016/j.gecco.2014.12.002
32. Andrade, E.R., Jardim, J.G., Santos, B.A., Melo F.P.L., Talora, D.C., Faria, D., **Melo, F.P.L,** et al. (2015). Effects of habitat loss on taxonomic and phylogenetic diversity of understory Rubiaceae in Atlantic forest landscapes. Forest Ecology and Management, 349, 73–84. https://doi.org/10.1016/j.foreco.2015.03.049
33. Hernández-Ruedas, M.A., Arroyo-Rodríguez, V., Meave, J.A., Martínez-Ramos, M., Ibarra-Manríquez, G., Martínez, E., ,[...] **Melo, F.P.L** [...] et al. (2014). Conserving tropical tree diversity and forest structure: The value of small rainforest patches in moderately-managed landscapes. PLoS ONE, 9. https://doi.org/10.1371/journal.pone.0098931
34. ***Melo, F.P.L.**, Siqueira, J.A., Santos, B.A., Álvares-da-Silva, O., Ceballos, G. & Bernard, E. (2014). Football and Biodiversity Conservation: FIFA and Brazil Can Still Hit a Green Goal. Biotropica, 46, 257–259. https://doi.org/10.1111/btp.12114
35. Pinto, S.R., **Melo, F**., Tabarelli, M., Padovesi, A., Mesquita, C.A., de Mattos Scaramuzza, C.A., et al. (2014). Governing and delivering a biome-wide restoration initiative: The case of

Atlantic Forest Restoration Pact in Brazil. Forests, 5, 2212–2229. https://doi.org/10.3390/f5092212

36. Santos, B.A., Tabarelli, M., **Melo F.P.L**., Camargo, J.L.C., Andrade, A., Laurance, S.G., et al. (2014). Phylogenetic impoverishment of Amazonian tree communities in an experimentally fragmented forest landscape. PLoS ONE, 9. https://doi.org/10.1371/journal.pone.0113109
37. Brancalion, P.H.S., **Melo F.P.L**., Tabarelli, M. & Rodrigues, R.R. (2013a). Biodiversity persistence in highly human-modified tropical landscapes depends on ecological restoration. Tropical Conservation Science, 6, 705–710. https://doi.org/10.1177%2F194008291300600601
38. ***Melo F.P.L.**, Arroyo-Rodríguez, V., Fahrig, L., Martínez-Ramos, M. & Tabarelli, M. (2013). On the hope for biodiversity-friendly tropical landscapes. Trends in Ecology and Evolution, 28, 462–468. https://doi.org/10.1016/j.tree.2013.01.001
39. Arroyo-Rodríguez, V., Rös, M., Escobar, F., **Melo F.P.L**., Santos, B.A., Tabarelli, M., et al. (2013). Plant β-diversity in fragmented rain forests: Testing floristic homogenization and differentiation hypotheses. Journal of Ecology, 101, 1449–1458. https://doi.org/10.1111/1365-2745.12153
40. ***Melo F.P.L.**, Pinto, S.R.R., Brancalion, P.H.S., Castro, P.S., Rodrigues, R.R., Aronson, J., et al. (2013). Priority setting for scaling-up tropical forest restoration projects: Early lessons from the Atlantic forest restoration pact. Environmental Science and Policy, 33, 395–404. https://doi.org/10.1016/j.envsci.2013.07.013
41. Brancalion, P.H.S., **Melo F.P.L**., Tabarelli, M. & Rodrigues, R.R. (2013b). Restoration reserves as biodiversity safeguards in human-modified landscapes. Natureza a Conservacao, 11, 186–190. http://dx.doi.org/10.4322/natcon.2013.029
42. Santo-Silva, E.E., Almeida, W.R., **Melo F.P.L**., Zickel, C.S. & Tabarelli, M. (2013). The nature of seedling assemblages in a fragmented tropical landscape: Implications for forest regeneration. Biotropica, 45, 386–394. https://doi.org/10.1111/btp.12013
43. Silva, P.S.D., Leal, I.R., Wirth, R., **Melo F.P.L**. & Tabarelli, M. (2012). Leaf-cutting ants alter seedling assemblages across second-growth stands of Brazilian Atlantic forest. Journal of Tropical Ecology, 28, 361–368. https://doi.org/10.1017/S0266467412000259
44. Arroyo-Rodríguez, V., Cavender-Bares, J., Escobar, F., **Melo F.P.L**., Tabarelli, M. & Santos, B.A. (2012). Maintenance of tree phylogenetic diversity in a highly fragmented rain forest. Journal of Ecology, 100, 702–711. https://doi.org/10.1111/j.1365-2745.2011.01952.x
45. Costa, J.B.P., **Melo F.P.L**., Santos, B.A. & Tabarelli, M. (2012). Reduced availability of large seeds constrains Atlantic forest regeneration. Acta Oecologica, 39, 61–66. https://doi.org/10.1016/j.actao.2011.12.002
46. *Tabarelli, M., Peres, C.A. & **Melo F.P.L.** (2012). The “few winners and many losers” paradigm revisited: Emerging prospects for tropical forest biodiversity. Biological Conservation, 155, 136–140. https://doi.org/10.1016/j.biocon.2012.06.020
47. Bernard, E., **Melo F.P.L**. & Pinto, S.R.R. (2011). Challenges and opportunities for biodiversity conservation in the Atlantic forest in face of bioethanol expansion. Tropical Conservation Science, 4, 267–275. https://doi.org/10.1177%2F194008291100400305
48. Lôbo, D., Leão, T., **Melo F.P.L**., Santos, A.M.M. & Tabarelli, M. (2011). Forest fragmentation drives the Atlantic forest of northeastern Brazil to biotic homogenization. Diversity and Distributions, 17, 287–296. https://doi.org/10.1111/j.1472-4642.2010.00739.x
49. ***Melo F.P.L**., Martnez-Salas, E., Bentez-Malvido, J. & Ceballos, G. (2010). Forest fragmentation reduces recruitment of large-seeded tree species in a semi-deciduous tropical forest of southern Mexico. Journal of Tropical Ecology, 26, 35–43. https://doi.org/10.1017/S0266467409990435

50. *Pinto, S.R.R., Mendes, G., Santos, A.M.M., Dantas, M., Tabarelli, M. & **Melo F.P.L**. (2010). Landscape attributes drive complex spatial microclimate configuration of Brazilian Atlantic forest fragments. Tropical Conservation Science, 3, 389–402. https://doi.org/10.1177%2F194008291000300404
51. ***Melo F.P.L**., Rodriguez-Herrera, B., Chazdon, R.L., Medellin, R.A. & Ceballos, G.G. (2009). Small Tent-Roosting Bats Promote Dispersal of Large-Seeded Plants in a Neotropical Forest. Biotropica, 41, 737–743. https://doi.org/10.1111/j.1744-7429.2009.00528.x
52. **Melo F.P.L**., Lemire, D. & Tabarelli, M. (2007). Extirpation of large-seeded seedlings from the edge of a large Brazilian Atlantic forest fragment. Ecoscience, 14, 124–129. https://doi.org/10.2980/1195-6860(2007)14[124:EOLSFT]2.0.CO;2
53. **Melo F.P.L**., Dirzo, R. & Tabarelli, M. (2006). Biased seed rain in forest edges: Evidence from the Brazilian Atlantic forest. Biological Conservation, 132, 50–60. https://doi.org/10.1016/j.biocon.2006.03.015
54. Santos, B.A., **Melo F.P.L**. & Tabarelli, M. (2006). Seed shadow, seedling recruitment, and spatial distribution of Buchenavia capitata (Combretaceae) in a fragment of the Brazilian Atlantic forest. Brazilian Journal of Biology, 66, 883–890. https://doi.org/10.1590/S1519-69842006000500014
55. ***Melo F.P.L**. & Tabarelli, M. (2003). Seed Dispersal and Demography of Pioneer Trees: The Case of Hortia arborea. Plant Biology, 5, 359–365. https://doi.org/10.1055/s-2003-42717

Book chapters

1. Scarano, F. R.; Queiroz, H. L. Farinaci, J. S.; Almeida, T. H. M. P.; Castro, P. F. D. Dalcin, E. Drucker, D. P.Gonçalves, L. R. Landeiro, M. P. Monteiro Filho, C. J. Padgurschi, M. C.; Vog, N.; Loyola, R. D.; **Melo, Felipe P. L.** Cervone**,** C. O. F. O.; Strassburg, B.. 2019. 1° Diagnóstico brasileiro de biodiversidade & serviços ecossistêmicos, editado por Joly C.A. Scarano F.R.; Seixas C.S. Metzger J.P. Ometto J.P. Bustamante M.M.C. Padgurschi M.C.G.; Pires A.P.F.; Castro P.F.D. Gadda T. Toledo P. Pages: 250-275. São Carlos: Editora Cubo

2. Tabarelli, m.; **Melo, Felipe P. L**. Alves, m. V. Machado, i. C. Lopes, a. V.; Siqueira-filho, j. A.; Leal, inara r.. 2017. Pesquisas em Unidades de Conservação no domínio da Caatinga: subsídios à gestão, editado por: Waldir Mantovanni; Ricardo Ferreira Monteiro; Luiz dos Anjos; Mariana Otero Cariello. e ed 1, 141-162. Fortaleza: Editora da Universidade Federal do Ceará

3. **Melo F.P.L**. (2018). The socio-ecology of the Caatinga: Understanding how natural resource use shapes an ecosystem. in Caatinga: The Largest Tropical Dry Forest Region in South America. edited by Silva, JMC; LEal, IR; Tabarelli M. pp 369-382: Springer International Publishing

4. Santos, Bráulio A.; **Melo, Felipe P. L.**; Siqueira-filho, j. A. Tabarelli, Marcelo. 2012. Biomas brasileiros: retratos de um país plural, editado por: Fabio Scarano Rubio. e ed 1, 01. Rio de janeiro: Casa da Palavra

5. **Melo, Felipe P. L.** Basso**,** f. A.; Siqueira-filho, j. A.. 2012. Flora das caatingas do rio são francisco, editado por: José Alves Siqueira filho. e ed 1. Vol. 1, 394-421. Rio de janeiro: Andrea Jackobson Estúdio Editorial.

6. **Melo, Felipe P.L.** Aguiar-Neto, Antônio Venceslau de; Simabukuro, Eliana; Tabarelli, Marcelo. 2004. Germinação: do básico ao aplicado, by: Alfredo Ghi ferreira; Fabian Borguetti. pp, 237-250. Porto alegre: Artmed

Contributions to conferences
*Scientific meetings (marked with * the ones I organized simposia)*

*1. ATBC Meeting. Functional composition of tree assemblages across human-modified tropical landscapes. 2017.

*2. ATBC Meeting. Ecological processes driving alternative successional pathways in human-dominated tropical landscapes: the importance of seed dispersal and seedling recruitment. 2013.

*3. III Congreso Latinoamericano de Restauración Ecológica. El futuro de la biodiversidad en los paisajes tropicales dominados por humanos: restauración ecológica y la importancia de la matriz. 2013.

4. 2011 Annual Meeting of the Association for Tropical Biology and Conservation. Forest fragmentation drives Atlantic forest of northeastern Brazil to biotic homogenization. 2011.

*5. 4th World Conference on Ecological Restoration. Large-scale forest restoration initiatives on the ground: lessons from the Atlantic forest of Northeastern Brazil. 2011.

6. 5th International Symposium-Workshop on Frugivores and Seed Dispersal.Consequence of the loss of large frugivores. 2010. (Simpósio).

7. Getting Post 2010 Biodiversity Targets Right. Landscape attributes drive spatial microclimate configuration of Brazilian Atlantic forest fragments. 2010.

8. Biodiversidad y turismo sostenible en Iberoamerica. Conservación De La Biodiversidad, Turismo De Naturaleza Y Servicios Ambientales En Brasil. 2009.

9. Seminário sobre restauração florestal em mata atlântica: a experiência de Pernambuco, Alagoas e Paraíba. 2009.

10. ATBC meeting. Size matters: forest fragmentation reduces recruitment of large-seeded seedlings in southern Mexico. 2008.

11.II Congreso Mexicano de Ecologia. Fragmentación, defaunación y rutas de regeneración del bosque tropical centroamericano. 2008.

12. IV Congreso Mexicano de Ecología. El futuro de la biodiversidad en los paisajes tropicales dominados por humanos. 2008.

13. ATBC Meeting. 2007.

14. XIV International Bat Research Conference and 37th NASB. The last of the Mohicans: would neotropical bats maintain seed dispersal services for large-seeded plants in defaunated landscapes?. 2007.

15. Congreso Mexicano de Ecología. Biased seed rain in forest edges: evidence from the brazilian atlantic forest. 2006.

16. 52° Congresso Nacional de Botânica. 52° Congresso Nacional e Botânica. 2001.

17. 5° congresso de ecologia do Brasil. 5° congresso de Ecologia do Brasil. 2001.

Popular science publications

- Ciência Hoje. Biodiversidade queimada. 2013.
(https://www.researchgate.net/publication/273958157_Biodiversidade_Queimada)

-The Conversation. The World Cup is a chance to save Brazil's 'football' armadillos, 2014.
https://theconversation.com/the-world-cup-is-a-chance-to-save-brazils-football-armadillos-27442

Press coverage

- Pesquisa Fapesp. Florestas mais iguais. 2011
(https://revistapesquisa.fapesp.br/florestas-mais-iguais/)

-Mongabay: Still hope for tropical biodiversity in human modified landscapes, 2013. https://news.mongabay.com/2013/04/still-hope-for-tropical-biodiversity-in-human-modified-landscapes/

-The Guardian. Fifa and Brazil are failing threatened armadillo, say conservationists, 2004. https://www.theguardian.com/science/animal-magic/2014/jun/09/fifa-brazil-failing-threatened-armadillo-conservation

- O Eco. Artigo alerta sobre potenciais conflitos entre eólica e conservação da Caatinga, 2019. https://www.oeco.org.br/noticias/artigo-alerta-sobre-potenciais-conflitos-entre-eolica-e-conservacao-da-caatinga/

List of acquired external funding

As principal investigator/main applicant

2020-2023 National Council for Research and Development -CNPq, Brazil. **Effects of climate change on forest security and sustainability of Brazilian dry forest of Caatinga.** Amount granted: US$ 30,000 (approximately)

2017-2021 National Council for Research and Development -CNPq, Brazil. **The role of ecological restoration on sustainability of social-ecological systems of Brazilian dry forests of Caatinga**. Amount granted: US$ 70,000 (approximately)

2015-2018 Foundation for Science Development of Pernambuco -Facepe, Brazil. **Quantifying the sustainability of social-ecological productive systems of the Caatinga**. Amount granted: US$ 13,000 (approximately)

2013-2015 National Council for Research and Development -CNPq, Brazil. **Beta-diversity and phylogenetic structure of plant communities in human-modified tropical landscapes.** Amount granted: US$ 6,000 (approximately)

2007-2009 International Foundation for Science, Sweden. **Effects of forest fragmentation on seed dispersal rates and maintenance of tropical tree diversity: A case study from South Eastern Mexican tropical forests**. Amount granted: US$ 12,000 (approximately)

2005-2008 Rufford Small Grants, UK. **Effects of forest fragmentation on seed dispersal rates and maintenance of tropical tree diversity in South Eastern Mexican tropical forest.** Amount granted: US$ 5,000 (approximately)

As co-investigator

2009-2014 National Council for Research and Development -CNPq, Brazil. **Reassembly of tree communities in degraded and fragmented landscapes: implications for biodiversity persistence on tropical forests**. Amount granted: US$ 8,000 (approximately)

2012-2015 National Council for Research and Development -CNPq, Brazi. **Anthropogenic disturbances, climate change and the future biota of the Brazilian dry forest of Caatinga.** Amount granted: US$ 40,000 (approximately)

Other scientific merits/achievements

Contribution to public policies

- Coordinated the campaign for the creation of the 110,000 ha protected area dedicated to the three-banded armadillo, once mascot of the 2014 Brazil FIFA World Cup.
- BPBES report on benefits of ecological restoration
- BPBES report on governance of biodiversity

Grant reviewer

- National Research and Development Council- CNPq (Brazil);
- Rufford Small Grants (UK)
- Research Support Foundation of the State of São Paulo (Fapesp)

Selected Invited Seminars and Presentations

- Lancaster University, UK (2018)
- University of São Paulo, Brazil (2013)
- National Autonomous University of Mexico (2019)
- University of Costa Rica (2016)