

Francisco d'Albertas Gomes de Carvalho

POSTDOCTORAL RESEARCHER

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About me

Biologist with a Master and a Ph.D. in Ecology with 10 years' experience working with applied research focusing on understanding how the spatial pattern of human-modified landscapes affects biodiversity, ecosystem services provision and the Climate. Something about policy too.

Skills

R - MARKDOWN - GIS - DATA ANALYSIS - ECOSYSTEM SERVICE MODELLING - ENVIRONMENTAL RESTORATION - WRITING AND COMMUNICATION - GOOGLE EARTH ENGINE

Languages

PORTUGUESE (NATIVE) - ENGLISH (FLUENT) - FRENCH (ADVANCED) - SPANISH (INTERMEDIATE)

Education

Universidade de São Paulo

PHD IN ECOLOGY

São Paulo, Brasil

2017-2022

Universidade de São Paulo

MASTER IN ECOLOGY

São Paulo, Brasil

2013-2015

Universidade de São Paulo

BIOLOGICAL SCIENCES DEGREE

São Paulo, Brasil

2006-2011

Professional experience

JOBS

Laboratório de Ecologia da Paisagem e Conservação-LEPaC(Departamento de Ecologia, Universidade de São Paulo)

São Paulo, Brasil

RESEARCH TECHNICIAN - SAO PAULO RESEARCH FOUNDATION TRAINING FELLOWSHIP AS PART OF THE BIODIVERSITY AND ECOSYSTEM SERVICE SCENARIOS NETWORK (SCENNET)

2015-2017

Instituto Socioambiental - ISA

São Paulo, Brasil

JUNIOR ENVIRONMENTAL ANALYST (INTERNSHIP) - PROTECTED AREAS MONITORING PROGRAMME

2012-2013

Mineral Engenharia e Ambiente

São Paulo, Brasil

JUNIOR ENVIRONMENTAL ANALYST (INTERNSHIP) - OIL AND MINING ENVIRONMENTAL IMPACT EVALUATION

2011-2012

CONSULTANCY

World Wildlife Fund - WWF Brazil

São Paulo, Brasil

CONSULTANCY - MONITORING DEFORESTATION AND FIRE WITHIN AMAZONIA AND CERRADO PROTECTED AREAS

2020-2021

Instituto Socioambiental - ISA

São Paulo, Brasil

CONSULTANCY - MAPPING THREATS TO FEDERAL AND STATE PROTECTED AREAS IN BRAZIL

2017-2018

Klabins/a Papel e Celulose

Paraná, Brasil

CONSULTANCY - PLANNING ECOLOGICAL CORRIDORS BETWEEN INDIGENOUS LANDS

2016

Bloomberg Philanthropies e Global Road Safety

São Paulo, Brasil

CONSULTANCY - FLORISTIC INVENTORY OF URBAN AREAS IN SAO PAULO

2016

Research experience

Publications

1. d'Albertas, F., Ruggiero, P., Pinto, L. F. G., Sparovek, G., & Metzger, J. P. (2023). Agricultural certification as a complementary tool for environmental law compliance. *Biological Conservation*, 277, 109847. <https://doi.org/10.1016/j.biocon.2022.109847>
2. Pashkevich, M. D., d'Albertas, F., Aryawan, A. A. K., Buchori, D., Caliman, J.-P., Chaves, A. D. G., Hidayat, P., Kreft, H., Naim, M., Razafima-hatratra, A., Turner, E. C., Zemp, D. C., & Luke, S. H. (2022). Nine actions to successfully restore tropical agroecosystems. *Trends in Ecology & Evolution*. <https://doi.org/10.1016/j.tree.2022.07.007>
3. d'Albertas, F., González-Chaves, A., Borges-Matos, C., Zago de Almeida Paciello, V., Maron, M., & Metzger, J. P. (2021). Private reserves suffer from the same location biases of public protected areas. *Biological Conservation*, 261, 109283. <https://doi.org/10.1016/j.biocon.2021.109283>
4. d'Albertas, F., Costa, K., Romitelli, I., Barbosa, J. M., Vieira, S. A., & Metzger, J. P. (2018). Lack of evidence of edge age and additive edge effects on carbon stocks in a tropical forest. *Forest Ecology and Management*, 407, 57–65. <https://doi.org/10.1016/j.foreco.2017.09.042>
5. Acosta, A. L., d'Albertas, F., Leite, M. de S., Saraiva, A. M., & Metzger, J. P. W. (2018). Gaps and limitations in the use of restoration scenarios: A review. *Restoration Ecology*, 26(6), 1108–1119. <https://doi.org/10.1111/rec.12882>
6. Metzger, J. P., Esler, K., Krug, C., Arias, M., Tambosi, L., Crouzeilles, R., Acosta, A. L., Brancalion, P. H., D'Albertas, F., Duarte, G. T., Garcia, L. C., Grytnes, J.-A., Hagen, D., Jardim, A. V. F., Kamiyama, C., Latawiec, A. E., Rodrigues, R. R., Ruggiero, P. G., Sparovek, G., ... Joly, C. (2017). Best practice for the use of scenarios for restoration planning. *Current Opinion in Environmental Sustainability*, 29, 14–25. <https://doi.org/10.1016/j.cosust.2017.10.004>