

Linha de Pesquisa/ Research Area: Biogeografia e Ecologia Funcional de Biomas/
Biome Functional Ecology and Biogeography

Última atualização/ Last update: 05jun2025

Publicações/ Publications Linha 3 (since 2020)

In press

Manzan, W.B.F., Arantes, K.O., Dantas, V.L. Time to burn: Landscape drivers of fuel trait variability and fire regime in savanna ecosystems. *Oikos*.

2025

Pilon, N. et al. [including Dantas, V.L.] Open letter: There are more than just trees and forests to be conserved and restored. *Plants, People & Planet*, 1-5.

<https://nph.onlinelibrary.wiley.com/doi/full/10.1002/ppp3.10635>

2024

Dantas, V.L., Oliveira, L.C., Marcati, C.R., Sonsin-Oliveira, J. Coordination of bark and wood traits underlies forest-to-savanna evolutionary transitions. *Journal of Biogeography* 51, 1801-1813. <https://doi.org/10.1111/jbi.14850>

2022

Dantas, V.L., Pausas, J.G. The legacy of the extinct Neotropical megafauna on plants and biomes. *Nature Communications* 13, 129. (2022). <https://doi.org/10.1038/s41467-021-27749-9>

Bernardino, P. N., Dantas, V. L., Hirota, M., Pausas, J.G., Oliveira, R. S. Savanna–Forest Coexistence Across a Fire Gradient. *Ecosystems* 25, 279–290. DOI: <https://doi.org/10.1007/s10021-021-00654-4>

2021

D'Angioli, A.M., Dantas, V.L., Lambais, M. et al. No evidence of positive feedback between litter deposition and seedling growth rate in Neotropical savannas. *Plant Soil* 469, 305–320 (2021). <https://doi.org/10.1007/s11104-021-05163-w>

De Faria, B. L., Staal, A., Silva, C. A., Martin, P.A., Panday, P. K., Dantas, V. L. Climate change and deforestation increase the vulnerability of Amazonian forests to post-fire grass invasion. *Global Ecology and Biogeography*. 30, 2368-238 (2021) doi: <https://doi.org/10.1111/geb.13388>

De Faria, B. L., Marano, G., Piponiot, C., Silva, C. A., Dantas, V. L., Rattis, L., Rech, A. R., Collalti, A. Model-based estimation of Amazonian forests recovery time after drought and fire events. *Forests*, 12(1), 8. (2021) DOI: <https://doi.org/10.3390/f12010008>

2020

Dantas, V. L., Pausas, J. G. Megafauna biogeography explains plant functional trait variability in the tropics. *Global Ecology and Biogeography*, 29: 1288-1298. DOI: <https://doi.org/10.1111/geb.13111>