Publications

1. Victor, A.; Nhancololo, A. M.; Bah, H. A. F.; Xavier, S. P.; Gotine, A. R. M. E.; Moreira, V. A.; Charles, C. M.; Cerqueira-Silva, T.; Rondó, P. H. National and regional temporal trends and forecasting of preterm birth in Brazil: Evidence from national Birth data (2014–2023) with projections to 2030. *BMC Pregnancy and Childbirth*, 2025. DOI: 10.1186/s12884-025-08536-6

2. Oliveira, W. A.; Scalon, J. D.; Nhancololo, A. M. Characterization of the spatial distribution of *Copaifera langsdorffii* and *Xylopia brasiliensis* in an urban fragment of the Atlantic Forest domain. *Ciência Rural*, 2025. DOI: 10.1590/0103-8478cr20240132

3. Nhancololo, A. M.; Scalon, J. D.; Pereira, F. A. C.; Oliveira, W. A.; Silva, B. M. Comparison between the laboratory method and the Stolf penetrometer in soil density analysis: a study using geostatistical methods. *SIGMAE*, vol. 13, Jan. 2024. DOI: 10.29327/2520355.13.1-7

4. Nhancololo, A. M.; Cuinica, A. S. Analysis of the Potential of Three-Dimensional Models in Teaching and Learning Spatial Geometry in 9th Grade: A Case Study of Chongoene Secondary School. *Kavenye Scientific Journal*, vol. 1, pp. 44–60, 2023. [Link]

Accepted Papers

5. Paludo, G. F.; Nhancololo, A. M.; Sousa Bueno Filho, J. *petioleFborder*: an R package with algorithms for automatic detection of petiole from the coordinates of leaf contour. *Plant Biosystems*, 2025. [Link]

6. Damaceno, G. P.; Paludo, G. F.; Nhancololo, A. M.; Scalon, J. D.; Sabe, E. M.; da Silva, G. F.; Bueno-Filho, J. S. S.; da Silva, D. M. Behavior of regression models for area data with outliers: an application to tuberculosis incidence. *Sigmae*, 2025. [PT paper Link]