

- CURRICULAR SUMMARY -
ANA PAULA DALLA CORTE



Mailing address:

José Ananias Mauad, 387 – Jardim Botânico
Curitiba – Parana State, Brazil, ZIP Code: 80.210-130,

Telephone numbers:

+55 (41) 99207-8869 & +55 (41) 3360-4264

E-mail addresses:

anapaulacorte@gmail.com

EDUCATION:

Year of completion	Level	Institution
2003	Undergraduate Forest Engineering	Federal University of Paraná - UFPR
2005	Msc, Forest Science	Federal University of Paraná - UFPR
2010	PhD, Forest Science	Federal University of Paraná - UFPR

EMPLOYMENT AND PROFESSIONAL EXPERIENCE:

- Full Professor of the Federal University of Parana (Public National University), enrolled at the Department of Forest Science, working in the fields of Forest Management, Forest Inventory, Remote Sensing and Photogrammetry (since 2011);
- Member of the Biofix Research Center on Biomass and Carbon, a public institution dedicated to biomass, forestry and remote sensing, with a staff of ca. 30 researchers, technicians, graduate and undergraduate students (since 2016);
- Research fellow of the Brazilian Ministry of Science and Technology (since 2014);
- Professor of the Graduate Programme in Precision Forest Management at the Federal University of Parana (since 2019);
- Professor of the Graduate Programme in Climate Change, Sustainable Projects and Carbon Management at the Federal University of Parana (since 2011);
- Professor and researcher of the Graduate Programme in Forest Engineering at the Federal University of Parana (since 2012);
- Expert and Member of the Brazilian Delegation for the UN Framework Convention on Climate Change – UNFCCC (since 2011).

ACADEMIC EXPERIENCE & PUBLICATIONS:

- Author of 12 technical books, 19 book chapters, 220 scientific papers;
- Advisor of 29 Ph.D. and master's theses on Forestry;
- Reviewer of various relevant scientific journals;
- Editor-of-area of the "Floresta", a journal dedicated to Forestry Science in Brazil;
- Leader of the Research Group on Using Unmanned Aerial Vehicles (Uav) for Forest Inventory Estimates (since 2019);
- Contributing author to the Third National Communication of Brazil to UNFCCC;
- Research leader of various scientific projects funded by Brazilian and International Organizations.

10 OF THE MOST RELEVANT SCIENTIFIC RESULTS:

- 1) SANQUETTA, C.R.; CORTE, A. P.D.; et al. A Model Based on Environmental Factors for Diameter Distribution in Black Wattle in Brazil. *Plos One*, v. 9, p. e100093, 2014.
- 2) DAVID, H. C.; CORTE, A. P. D. et al. Exploring coarse- to fine-scale approaches for mapping and estimating forest volume from Brazilian National Forest Inventory data. *FORESTRY*, p. 1-14, 2019.
- 3) DEBASTIANI, A. B.; CORTE, A. P. D. et al. Evaluating SAR-optical sensor fusion for aboveground biomass estimation in a Brazilian tropical forest. *Annals of Forest Research*, p. 109-122, 2019.
- 4) KLEIN Â. M; CORTE, A. P.D. et al. Estimating forest uniformity in *Eucalyptus* spp. and *Pinus taeda* L. stands using field measurements and structure from motion point clouds generated from unmanned aerial vehicle (UAV) data collection. *Forest Systems*, v. 27, p. e005, 2018.
- 5) SANQUETTA, C.R.; CORTE, A. P.D.; et al. Selection criteria for linear regression models to estimate individual tree biomasses in the Atlantic Rain Forest, Brazil. *Carbon Balance and Management*, v. 13, p. 13-25, 2018.
- 6) SANQUETTA, C.R.; CORTE, A. P.D.; et al. Dynamics of carbon and CO₂ removals by Brazilian forest plantations during 1990-2016. *Carbon Balance and Management*, v. 13, p. 20, 2018.
- 7) SILVA, C. A.; CORTE, A. P. D. et al. Predição da biomassa aérea em plantações de *Pinus taeda* L. por meio de dados LiDAR aerotransportado. *Scientia Forestalis*, v. 45, p. 100-115, 2017.
- 8) BEHLING, A.; CORTE, A. P. D. et al. Tracking leaf area index and coefficient of light extinction over the harvesting cycle of black wattle. *Journal of Forestry Research*, v. 27, p. 1-7, 2016.
- 9) DAVID, H. C.; CORTE, A. P. D. et al. Updating of Dominant Height Growth Modeling and site Index of *Pinus taeda* L. in southern Brazil. *Australian Journal of Basic and Applied Sciences*, v. 9, p. 115-125, 2015.

10) BEHLING, A.; CORTE, A. P. D. et al. Conversion efficiency of photosynthetically active radiation intercepted in biomass in stands of black wattle in Brazil. *Bosque*, v. 36, p. 61-69, 2015.

ACADEMIC QUANTITATIVE INDICATORS:

Citations:

- Research Gate: RG Score: 28.96; 360 citations; 14744 reads
- Google Citations: 719 citations; h-index 14; hi10 index: 20

LINKS TO THE WEB PAGES:

Google Scholar: https://scholar.google.com.br/citations?view_op=list_works&hl=pt-BR&user=hZeghwwAAAAJ

Research Gate: https://www.researchgate.net/profile/Ana_Corte

Orcid: <https://orcid.org/0000-0001-8529-5554>

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