UNIVERSIDADE DE SÃO PAULO
ESCOLA SUPERIOR DE AGRICULTURA "LUIZ DE QUEIROZ"
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CURRICULAR SUMMARY
(2020/1)

DANILO ROBERTI ALVES DE ALMEIDA

1) Education

Year of completition	Level	Institution
2012	Undergraduate, Forest engeneering	Universidade Federal de Viçosa
2015	Msc, Tropical Forest Science	Instituto Nacional de Pesquisas da Amazônia
2018	PhD, Forest Resources	Universidade de São Paulo, ESALQ
2019 - in progress	Postdoc	Universidade de São Paulo, ESALQ

2) Professional history

Danilo works focuses on forest ecology, management and restoration using remote sensing technologies. Currently he is a post-doctoral in the Department of Forest Resources at the University of São Paulo (Brazil) and School of Forest Resources and Conservation at the University of Florida. His academic background is: Ph.D. Forest Resources, University of São Paulo, 2019; M.S. Tropical Forest, National Institute of Amazonian Research, 2015; B.S. Forest engineer, Federal University of Viçosa, 2012. His main project is focused in monitoring forest landscape restoration from unmanned aerial vehicles using lidar and hyperspectral remote sensing.

3) 10 of the most relevant scientific results

ALMEIDA, DANILO ROBERTI ALVES DE; NELSON, BRUCE WALKER ; SCHIETTI, JULIANA ; GORGENS, ERIC BASTOS ; RESENDE, ANGÉLICA FARIA ; STARK, SCOTT C. ; VALBUENA, RUBÉN . Contrasting fire damage and fire susceptibility between seasonally flooded forest and upland forest in the Central Amazon using portable profiling LiDAR. Remote Sensing of Environment, v. 184, p. 153-160, 2016.

ALMEIDA, D. R. A; STARK, S. C. ; SCHIETTI, J. ; CAMARGO, J. L. C. ; AMAZONAS, N. T. ; GORGENS, E. B. ; M ROSA, D. ; SMITH, M. N. ; VALBUENA, R. ; SALESKA, S. ; ANDRADE, A. ; MESQUITA, R. ; LAURANCE, S. G ; LAURANCE, W. F. ; LOVEJOY, T. E ; BROADBENT, E. N. ; SHIMABUKURO, Y. E. ; PARKER, G. G. ; LEFSKY, M. ; SILVA, C. A. ; BRANCALION, P. H. S . Persistent effects of fragmentation on tropical rainforest canopy structure after 20 years of isolation. ECOLOGICAL APPLICATIONS, v. 1, p. e01952, 2019.

ALMEIDA, DANILO ROBERTI ALVES DE; STARK, SCOTT C. ; SHAO, GANG ; SCHIETTI, JULIANA ; NELSON, BRUCE WALKER ; SILVA, CARLOS ALBERTO ; GORGENS, ERIC BASTOS ; VALBUENA, RUBEN ; PAPA, DANIEL DE ALMEIDA ; BRANCALION, PEDRO HENRIQUE SANTIN . Optimizing the Remote Detection of Tropical Rainforest Structure with Airborne Lidar: Leaf Area Profile Sensitivity to Pulse Density and Spatial Sampling. Remote Sensing

ALMEIDA, D.R.A.; STARK, S.C.; CHAZDON, R.; NELSON, B.W.; CESAR, R.G.; MELI, P.; GORGENS, E.B.; DUARTE, M.M.; VALBUENA, R.; MORENO, V.S.; MENDES, A.F.; AMAZONAS, N.; GONÇALVES, N.B.; SILVA, C.A.; SCHIETTI, J.; BRANCALION, P.H.S. The effectiveness of lidar remote sensing for monitoring forest cover attributes and landscape restoration. FOREST ECOLOGY AND MANAGEMENT, v. 438, p. 34-43, 2019.

ALMEIDA, D.R.A.; BROADBENT, E.N.; ZAMBRANO, A.M.A.; WILKINSON, B.E.; FERREIRA, M.E.; CHAZDON, R.; MELI, P.; GORGENS, E.B.; SILVA, C.A.; STARK, S.C.; VALBUENA, R.; PAPA, D.A.; BRANCALION, P.H.S. Monitoring the structure of forest restoration plantations with a drone-lidar system. International Journal of Applied Earth Observation and Geoinformation, v. 79, p. 192-198, 2019.

ALMEIDA, DANILO ROBERTI ALVES; STARK, SCOTT CHRISTOPHER ; VALBUENA, RUBEN ; BROADBENT, EBEN NORTH ; SILVA, THIAGO SANNA FREIRE ; RESENDE, ANGELICA FARIA ; FERREIRA, MATHEUS PINHEIRO ; CARDIL, ADRIÁN ; SILVA, CARLOS ALBERTO ; AMAZONAS, NINO ; ZAMBRANO, ANGELICA MARIA ALMEYDA ; BRANCALION, PEDRO H. S. . A new era in forest restoration monitoring. Restoration Ecology, v. 1, p. 1, 2019.

BRANCALION, PEDRO H. S.; **DE ALMEIDA, DANILO R. A.**; VIDAL, EDSON ; MOLIN, PAULO G. ; SONTAG, VANESSA E. ; SOUZA, SAULO E. X. F. ; SCHULZE, MARK D. . Fake legal logging in the Brazilian Amazon. SCIENCE ADVANCES, v. 4, p. eaat1192, 2018.

SILVA, CARLOS ALBERTO; VALBUENA, RUBEN; PINAGÉ, EKENA RANGEL; MOHAN, MIDHUN; **DE ALMEIDA, DANILO ROBERTI ALVES**; BROADBENT, EBEN NORTH; JAAFAR, WAN SHAFRINA WAN MOHD; DE ALMEIDA PAPA, DANIEL; CARDIL, ADRIAN; KLAUBERG, CARINE. ForestGapR: An R Package for Forest Gap Analysis from Canopy Height Models. Methods in Ecology and Evolution, v. 1, p. 1, 2019.

CÉSAR, RICARDO G. ; MORENO, VANESSA S. ; COLETTA, GABRIEL D. ; CHAZDON, ROBIN L. ; FERRAZ, SILVIO F.B. ; **DE ALMEIDA, DANILO. R. A.**; BRANCALION, PEDRO H. S. . Early ecological outcomes of natural regeneration and tree plantations for restoring agricultural landscapes. ECOLOGICAL APPLICATIONS, v. 28, p. 373-384, 2017.

COSTA, FLÁVIA R. C. ; LANG, CARLA ; ALMEIDA, **DANILO R. A.** ; CASTILHO, CAROLINA V. ; POORTER, LOURENS . Near-infrared spectrometry allows fast and extensive predictions of functional traits from dry leaves and branches. ECOLOGICAL APPLICATIONS, v. 28, p. 1-11, 2018.

6) Academic quantitative indicators

Publications in journals with selective editorial policy: 22

Citations:

- *Research Gate*: RG Score: 25.91; 138 citations; 7,844 reads
- *Google Citations*: 179 citations; h-index 9; hi10 index: 9

7) Links to the web pages
Google Scholar: https://scholar.google.com.br/citations?user=mKT7y7oAAAAJ&hl=pt-BR
Research Gate: https://www.researchgate.net/profile/Danilo_Almeida6
Youtube: https://www.youtube.com/channel/UCHopw2YmfqgXpI_eue0uzbw?view_as=subscriber