JOANA AMARAL PAULO, Professora auxiliar
CURRICULUM VITAE

Fevereiro, 2024

1. Informação pessoal

Morada	Rua Morgado da Póvoa. Nº 12 R/C Esquerdo. 2625-229 Póvoa de Santa Iria Portugal
Telefone	+351.213.653.359
E-mail	joanaap@isa.ulisboa.pt
Nacionalidade	Português
Data de nascimento	23 Julho 1977
Carta de condução	N.º L – 1557551 5 de 23/09/1996
Website pessoal	https://fenix.isa.ulisboa.pt/qubEdu/homepage/isa114126/

2. Perfis científicos

Research Gate	http://www.researchgate.net/profile/Joana_Paulo2
ORCID	http://orcid.org/0000-0003-1889-1721
SCOPUS	http://www.scopus.com/authid/detail.url?authorId=14626691000
ResearcherID	http://www.researcherid.com/rid/I-5742-2012
Google citations	https://scholar.google.com/citations?user=D1wOyVEAAAAJ&hl=en

3. Cargos de gestão

European Agroforestry Federation:
- Founding member
- Executive committee member, Portuguese national delegate (2018 – 2022; 2012 – 2014)
- Executive committee deputy treasurer (2014 – 2016)
- Executive board secretary (2016 – 2018)

Centro de Estudos Florestais:
- Membro do CEF-Outreach (2018 - 2023)
- Coordenadora do grupo Forchange - Gestão dos ecossistemas florestais num ambiente de alterações globais - (2024-presente)

Laboratório associado TERRA – Laboratório para a Sustentabilidade do Uso do Solo e dos Serviços de Ecossistemas:

- Coordenadora da Linha Temática 2 – Agricultura, Silvicultura, e Pesca Sustentáveis - do Laboratório Associado TERRA

4. Ordens profissionais e associações

Ordem dos engenheiros (Senior member N.º 40879)

Sociedade Portuguesa de Estatística

5. Formação

5.1 Graus académicos

2011	Doutoramento em Engenharia Florestal e dos Recursos Naturais	Instituto Superior de Agronomia	Aprovada com louvor e distinção
2004	Pós graduação em Probabilidades e Estatística	Faculdade de Ciências da Universidade de Lisboa	13 (em 20)
2001	Licenciaturas (5 anos) em Engenharia Florestal	Instituto Superior de Agronomia	15 (em 20)

5.2 Outros cursos

Ano	Curso	Instituição	Horas de formação
2023	O Poder da Avaliação Contínua	Núcleo de Formação ao Longo da Vida da Universidade de Lisboa	2.5h
2023	Respiração e Manifestação da Voz e do Discurso		8h
2023	Challenge-based Learning e Design Thinking		6h
2020	Introdução ao Mendeley	Biblioteca do IST/UL	1
2020	Como dar feedback em pequenos vídeos (How to provide feedback in short videos)	Universidade de Lisboa	2.5h
2020	Instructor immediacy na relação aluno/docente (Instructor immediacy in the student/professor relation)	Universidade de Lisboa	2.5h
2019	In-class Flip: A new pedagogical tendency	Universidade de Lisboa	2h
2017	Communication tools for engineers	Objetivo Lua	9h
2017	Training in land degradation and rehabilitation: current challenges and new educational resources	Instituto Superior de Agronomia	8h
2017	Survival analysis	CEAUL / UL	8h
2011	Modelling forest ecosystems	COST ACTION FP0603	56h
2010	Data analysis with R statistical software	We Value	14h
2009	VB 2008 programming	Galileu	35h
2005	Formação de formadores	NHK	94h
2004	Sustainable forest management and certification in land characterized by small piece of land ownership	Forestis	25h
2004	SQL Server	NHK	20h
2003	Environmental management	AIRC	56h
2003	SAS System Essentials for programmers I	SAS Portugal	16h
2002	PhotoModeler	InfoTop Lda.	18h

2002	Ethics and professional deontology	Ordem dos engenheiros	16h Approved with excellence
2002	Advanced Microsoft Access 2000	CITEFORMA	30h 18 out of 20
2001	Visual Basic 6.0	FDTI	17h 17 out of 20
2001	Microsoft Access 2000	FDTI	17h

6. Publicações científicas

6.1 Publicações em revistas ISI (publicadas, aceites, submetidas e em preparação)

Jorge, C., Paulo, J. A., Tomé, M. Em preparaçao. Modeling and managing the growth of cork oak stands through a light use efficiency model.

Faias, S., Firmino, P., Tomé, M., Moreno, G., Paulo, J. A. Em preparaçao. Intra-annual diameter increment and seasonal leaves nutrient variation in cork oak trees under alternative understory and fertilization management options.

Paulo, J. A., Tomé, M. Em preparação. Trends of individual tree cork industrial quality along three successive debarking operations.

Firmino, P., **Paulo**, J. A., Lourenço, A., Tomé, M., Campagnolo, M. 2024. How do soil and topographic drivers determine tree diameter spatial distribution in even aged cork oak stands installed in average to high productivity areas. New Forests. Accepted fro publication.

Marques, S., Rodrigues, A. R., **Paulo**, J. A., Borges, J. G., Botequim, B. 2024. Addressing carbon storage in forested landscapes' management planning - an optimization approach and application in Northwest Portugal. Forests 15(3), 408; https://doi.org/10.3390/f15030408

Paulo, J. A., Santos, D. I. 2023. Virgin cork colour and porosity as predictors for secondary cork industrial quality. Industrial Crops and Products 205 (1): 117513. https://doi.org/10.1016/j.indcrop.2023.117513

Firmino, P. N., Tomé, M., **Paulo**, J. A. 2023. Do Distance-Dependent Competition Indices Contribute to Improve Diameter and Total Height Tree Growth Prediction in Juvenile Cork Oak Plantations? Forests 14(5), 1066; https://doi.org/10.3390/f14051066

Jorge, C., Tomé, M., Ruiz-Peinado, R., Zribi, L., **Paulo**, J. A. 2023. *Quercus suber* Allometry in the West Mediterranean Basin. Forests 14 (3). https://doi.org/10.3390/f14030649

Paulo, J. A., Firmino, P. N., Tomé, M. 2023. A tree- and climate-dependent growth model to predict mature annual cork thickness under different climate change scenarios. Modeling Earth Systems and Environment. https://doi.org/10.1007/s40808-022-01652-8

Ferreiro-Domínguez, N., Palma, J.H.N., **Paulo**, J.A., Rigueiro-Rodríguez, A., Mosquera-Losada, M.R. 2022. Assessment of soil carbon storage in three land use types of a semi-arid ecosystem in South Portugal. CATENA 213: 106196, https://doi.org/10.1016/j.catena.2022.106196.

Lecomte, X., **Paulo**, J. A., Veloso, S., Firmino, P. N., Faias, S., Tomé, M., Caldeira, M. C. 2022. Shrub understorey clearing and drought affects water status and growth of juvenile *Quercus suber* trees. Forest Ecology and Management 503: 119760. https://doi.org/10.1016/j.foreco.2021.119760.

Paulo, J. A., Firmino, P. N., Faias, S. P., Tomé, M. 2021. Quantile regression for modelling the impact of climate in cork growth quantiles in Portugal. European Journal of Forest Research 140: 991–1004 https://doi.org/10.1007/s10342-021-01379-8

Rolo, V., Hartel, T., Aviron, S., Berg, S., Crous-Duran, J., Franca, A., Mirck, J., Palma, J. H. N., Pantera, A., **Paulo**, J. A., Pulido, F. J., Seddaiu, G., Thenail, C., Varga, A., Viaud, V., Burgess, P. J., Moreno, G. 2020. Challenges and innovations for improving the sustainability of European agroforestry systems of high nature and cultural value: stakeholder perspectives. Sustainability Science https://doi.org/10.1007/s11625-020-00826-6

Paulo, J. A., Villalobos, R. 2019. *Quassia amara* L. diameter and total height under different light conditions: implications for the management of agroecosystems. Agroforestry systems. 94(3): 761-778. https://doi.org/10.1007/s10457-019-00446-9

Faias, S. P., **Paulo**, J. A., Tomé, M. 2019. Competition pattern in Portuguese young cork oak plantations. New Forests 51(3): 489-505 https://doi.org/10.1007/s11056-019-09739-4

Gschwantner, T., Alberdi, I., Balázs, A., Bauwens, S., Bender, A., Borota, D., Bosela, M., Bouriaud, O., Cañellas, I., Donis, J., Freudenschuß, A., Hervé, J., Hladnik, D., Jansons, J., Kolozs, L., Korhonen, K., Kucera, M., Kulbokas, G., Kuliešis, A., Lanz, A., Lejeune, P., Lind, T., Marin, G., Morneau, F., Nagy, D., Nord-Larsen, T., Nunes, L., Pantić, D., **Paulo, J. A.**, Pikula, T., Redmond, J., Rego, F. C., Riedel, T., Saint-André, L., Šebeň, V., Sims, A., Skudnik, M., Solti, G., Tomter, S., Twomey, M., Westerlund, B., Zell, J. 2019. Harmonisation of stem volume estimates in European National Forest Inventories. Annals of Forest Science 76: 24. https://doi.org/10.1007/s13595-019-0800-8.

Aubard, V., **Paulo, J. A.**, Silva, J. M. N. 2019. Long-term monitoring of cork and holm oak stands productivity in Portugal with Landsat imagery. Remote Sensing 11(5):525. https://doi.org/10.3390/rs11050525.

Faias, S. P., **Paulo**, J. A., Tomé, M. 2019. Drivers for Annual Cork Growth under Two Understory Management Alternatives on a Podzolic Cork Oak Stand. Forests 10 (2), 133. https://doi.org/10.3390/f10020133

Crous-Duran, J., Graves, A., R., Garcia-de-Jalón, S., **Paulo**, J. A., Tomé, M., Palma, J. H. N. 2019. Assessing food sustainable intensification potential of agroforestry using a carbon balance method. iForest 18: 85-91. https://doi.org/10.3832/ifor2578-011

Crous-Duran, J., Graves, A., **Paulo**, J. A., Mirck, J., Oliveira, T. S., Kaya, S., García de Jalón, S., Palma, J. H. N. 2018. Modelling tree density effects on provisioning ecosystem services in Europe. Agroforestry Systems. https://doi.org/10.1007/s10457-018-0297-4

Faias, S. P., **Paulo**, J. A., Palma, J. H. N., Tomé, M. 2018. Understory effect on tree and cork growth in cork oak woodlands. Forest Systems 27(1), e02S. https://doi.org/10.5424/fs/2018271-11967

Rois, M., Lovrić, N., Lovrić, M., Ferreiro-Domínguez, N., Mosquera-Losada, M. R., den Herder, M., Graves, A., Palma, J. H. N., **Paulo**, J. A., Pisanelli, A., Smith, J., Moreno, G., García, S., Varga, A., Pantera, A., Mirck, J., Burgess, P. 2017. Farmers' reasoning behind the uptake of agroforestry practices: evidence from multiple case-studies across Europe. Agroforesty systems 92: 811–828 https://doi.org/10.1007/s10457-017-0139-9

Moreno, M., Aviron, S., Berg, S. Crous-Duran, J. Franca, A. García de Jalón, S., Hartel, T., Mirck, J., Pantera, A., Palma, J. H. N., **Paulo**, J. A., Re, G., Sanna, F., Thenail, C., Varga, A., Viaud, V., Burgess, P. 2017. Agroforestry systems of high nature and cultural value in Europe: commercial goods and ecosystem services. Agroforesty systems Agroforest Syst (2018) 92: 877–891 https://doi.org/10.1007/s10457-017-0126-1

Palma, J. H. N., Crous-Duran, J., Graves, A. R., Garcia de Jalon, S., Upson, M., Oliveira, T. S., **Paulo**, J. A., Ferreiro-Domínguez, N., Moreno, G., Burgess, P. J. 2018. Integrating belowground carbon dynamics into Yield-SAFE, a parameter sparse agroforestry model. Agroforesty systems 92:1047–1057. https://doi.org/10.1007/s10457-017-0123-4

Garcia de Jalon, S., Burgess, P. J., Graves, A., Moreno, G., McAdam, J., Pottier, E., Novak, S., Bondesan, V., Mosquera Losada, R., Crous-Duran, J., Palma, J. H. N., **Paulo**, J. A., Oliveira, T., Cirou, E., Hannachi, Y., Pantera, A., Wartelle, R., Kay, S., Malignier, N., Van Lerberghe, P., Tsonkova, P., Mirck, J., Rois, M., Kongsted, A. G., Thenail, C., Luske, B., Berg, S., Gosme, M., Vityi, A. 2017. How is agroforestry perceived in Europe? An assessment of positive and negative aspects among stakeholders. Agroforesty systems. 92:829–848 https://doi.org/10.1007/s10457-017-0116-3

Demertzia, M., **Paulo**, J. A., Faias, S. P., Arroja, L., Dias, A. C. 2017. Evaluating the carbon footprint of the cork sector with a dynamic approach including biogenic carbon flows. International Journal of Life Cycle Assessment. pp 1 – 12. https://doi.org/10.1007/s11367-017-1406-8

Paulo, J. A., Tomé, M. 2017. Does debarking intensity in the first cork extraction affect future cork thickness? Annals of Forest Science 74:66 http://rdcu.be/whf0

Paulo, J. A., Tomé, M. 2017 Using the SUBER model for assessing the impact of cork debarking rotation on equivalent annual annuity in Portuguese stands. Forest systems. 26(1), e008, 11 pages. https://doi.org/10.5424/fs/2017261-09931

Demertzia, M., Sierra-Pérez, J., **Paulo**, J. A., Arroja, L., Dias, A. C. 2017. Environmental performance of expanded cork slab and granules through life cycle assessment. Journal of Cleaner Production 145: 294–302. http://dx.doi.org/10.1016/j.jclepro.2017.01.071

den Herder, M., Moreno, G., Mosquera-Losada, R., Palma, J. H. N, Sidiropoulou, A., Freijanes, J. J. S., Crous-Duran, J., **Paulo**, J. A., Tomé, M., Pantera, A., Papanastasis, V. P., Mantzanas, K., Pachana, P., Papadopoulos, A., Plieninger, T., Burgess, P. J. 2017. Current extent and stratification of agroforestry in the European Union. Agriculture, Ecosystems and Environment 241: 121–132. http://dx.doi.org/10.1016/j.agee.2017.03.005

Reyer, C., Bathgate, S.; Blennow, K.; Borges, J. G.; Bugmann, H.; Delzon, S.; Faias, S. P.; Garcia-Gonzalo, J.; Gardiner, B.; Gonzalez-Olabarria, J. R.; Gracia, C.; Guerra, J.; Kellomäki, S.; Kramer, K.; Lexer, M. J.; Lindner, M.; van der Maaten, E.; Maroschek, M.; Muys, B.; Nicoll, B.; Palahi, M.; Palma, J. H. N.; **Paulo**, J. A.; Peltola, H.; Pukkala, T.; Rammer, W.; Ray, D.; Sabaté, S.; Schelhaas, M.; Seidl, R.; Temperli, C.; Tomé, M.; Yousefpour, R.; Zimmermann, N. E.; Hanewinkel, M. 2017. Are forest disturbances amplifying or canceling out climate change-induced productivity changes in European forests? Environmental Research Letters 12(3): https://doi.org/10.1088/1748-9326/aa5ef1

Paulo, J. A., Pereira, H., Tomé, M. 2017. Analysis of variables influencing tree cork caliper in two consecutive cork extractions using cork growth index modelling. Agroforestry Systems 91(2): 221-237. http://dx.doi.org/10.1007/s10457-016-9922-2

Demertzi, M., **Paulo**, J. A., Arroja, L., Dias, A. C. 2016. A carbon footprint simulation model for the cork oak sector. Science of the Total Environment 566 – 567: 499 – 511. http://dx.doi.org/10.1016/j.scitotenv.2016.05.135

Paulo, J. A., Faias, S. P., Ventura-Giroux, C., Tomé, M. 2015. Estimation of stand crown cover using a generalized crown diameter model: application for the analysis of Portuguese cork oak stands stocking evolution. iForest. http://dx.doi.org/10.3832/ifor1624-008

Palma, J. H. N., **Paulo**, J. A., Faias, S. P., Garcia-Gonzalo, J., Borges, J. G., Tomé, M. 2015. Adaptive management and debarking schedule optimization of *Quercus suber* L. stands under climate change: case study in Chamusca, Portugal. Regional Environmental Change. 15 (8): 1569 - 1580. http://link.springer.com/article/10.1007/s10113-015-0818-x

Paulo, J. A., Faias, S., Gomes, A. A., Palma, J., Tomé, J., Tomé, M. 2015. Predicting site index from climate and soil variables for cork oak (*Quercus suber* L.) stands in Portugal. New Forests 46 (2): 293-307. http://dx.doi.org/10.1007/s11056-014-9462-4

Palma, J. H. N., **Paulo**, J. A., Tomé, M. 2014. Carbon sequestration of modern *Quercus suber* L. silvoarable agroforestry systems in Portugal: a YieldSAFE-based estimation. Agroforestry Systems. 88 (5): 791-801 http://dx.doi.org/10.1007/s10457-014-9725-2

Raftoyannis Y, Nocentini S, Marchi E, Calama Sainz R, Garcia Guemes C, Pilas I, Peric S, Amaral **Paulo** J, Moreira-Marcelino AC, Costa-Ferreira M, Kakouris E, Lindner M. 2014. Perceptions of forest experts on climate change and fire management in European Mediterranean forests. iForest 7: 33-41. http://dx.doi.org/10.3832/ifor0817-006

Faias, S. P., Palma, J. H. N., Barreiro, S. M., **Paulo**, J. A., Tomé, M. 2012. Resource communication. sIMfLOR – platform for the Portuguese forest simulators. Forest Systems 21(3): 543 – 548. http://dx.doi.org/10.5424/fs/2012213-02951

Coelho, M. B., **Paulo**, J. A., Palma, J. H. N., Tomé, M. 2012. Contribution of cork oak plantations installed after 1990 in Portugal to the Kyoto commitments and to the landowners economy. Forest Policy and Economics 17: 59 – 68. doi: http://dx.doi.org/10.1016/j.forpol.2011.10.005

Paulo, J. A., Tomé, J., Tomé, M. 2011. Nonlinear fixed and random generalized height-diameter models for Portuguese cork oak stands. Annals of Forest Science 68: 295 – 309. doi: http://dx.doi.org/10.1007/s13595-011-0041-y

Paulo, J. A., Tomé, M. 2010. Predicting mature cork biomass with t years of growth from one measurement taken at any other age. Forest Ecology and Management 259: 1993-2005. doi: http://dx.doi.org/10.1016/j.foreco.2010.02.010

Tomé, M., Barreiro, S., **Paulo**, J. A., Tomé, J. 2006. Modelling tree and stand growth with growth functions formulated as age independent difference equations. Canadian Journal of Forest Research; 36, 7:1621-1630. http://dx.doi.org/10.1139/X06-065

6.2 Edição de livros e capítulos de livros

Rovira, M., Piqué, M., Bonet, J.A., Vidale, E., Andrighetto, N., Pettenella, D., Japelj, A., Conceição, I., **Paulo**, J. A., Marques, S., Borges, J., Taghouti, I., Khalfaoui, M., Touhami, I. 2023. Os produtos alimentares silvestres com propriedades únicas e exclusivas abundam nas lorestas da bacia do Mediterrâneo. WildFood Project. CTFC Policy brief series 1. https://doi.org/10.5281/zenodo.8017449

Rovira, M., Piqué, M., Bonet, J.A., Vidale, E., Andrighetto, N., Pettenella, D., Japelj, A., Conceição, I., **Paulo**, J. A.,Marques, S., Borges, J., Taghouti, I., Khalfaoui, M., Touhami, I. 2023. Mediterranean forests abound with wild food products with unique andexclusive properties. WildFood Project. CTFC Policy brief series 1. https://doi.org/10.5281/zenodo.8017416

Tomé, M., Sheppard, J., Alma, M. H., Carrasquinho, I., Christensen, C. J., Hellström, J., Kurttila, M., Marnila, P., Mattila, P., Miina, J., Mutke, S., **Paulo**, J. A., Palma, J. H., Pihlava, J., Pignatti, G., Sanchéz-González, M., Silva, C. S., Soares, P., Vanhanen, H. Non-wood tree products in Europe. In: Harald Vacik, Mike Hale, Heinrich Spiecker, Davide Pettenella & Margarida Tomé (Eds.) 2020: Non-Wood Forest Products in Europe, Ecology and management of mushrooms, tree products, understory plants and animal products, Outcomes of the COST Action FP1203 on European NWFPs, BoD, Norderstedt, ISBN: 978-3-7494-7546-9, 416p.

Tomé, M., Cañellas, I., Bonet, J. A., **Paulo**, J. A., Palma, J. H. N., Martínez de Aragón, J., Miina, J., Sheppard, J., Kurttila, M., Sanchés-Gonzalez, M., Pasalodos, M., de-Miguel, Sergio. 2019. Resource and management – Novel management concepts to boost product diversity and secure higher product flows. In: Wolfslehner, B., Prokofieva, I. and Mavsar, R. (editors). 2019. Non-wood forest products in Europe: Seeing the forest around the trees. What Science Can Tell Us 10. European Forest Institute. pp 114. https://efi.int/sites/default/files/files/publication-bank/2019/efi_wsctu_10_2019.pdf

Cañellas, I., Sánchez-González, M., Bogino, S. M., Adame, P., Moreno-Fernández, D., Herrero, C., Roig, S., Tomé, M., **Paulo**, J. A., Bravo, F. 2017. Carbon Sequestration in Mediterranean Oak Forests. In: F. Bravo et al. (editors), Managing Forest Ecosystems: The Challenge of Climate Change. Managing Forest Ecosystems 34. Springer Science. 2017. http://dx.doi.org/10.1007/978-3-319-28250-3_20

Paulo, J. A., Oliveira, V. Pereira, H. 2015. Book of abstracts of the 2nd Centro de Estudos Florestais (CEF) conference from research to practice. Subject: Cork oak stands and cork oak. 25th September 2015. Instituto Superior de Agronomia, Lisboa, Portugal. 27 pp. http://hdl.handle.net/10400.5/9280

Paulo, J. A., Pereira, H. 2014. Book of abstracts of the 1st Centro de Estudos Florestais (CEF) conference from research to practice. Subject: Cork oak stands and cork oak. 31st January 2014. Instituto Superior de Agronomia, Lisboa, Portugal. 17 pp. http://hdl.handle.net/10400.5/6758

Mosquera-Losada M.R., Pantera, A., Rosati, A., Amaral **Paulo**, J., Smith, J., Rigueiro-Rodríguez, A., Watté, J., Dupraz, C. 2012. Book of abstracts. 1st European Agroforestry Conference. What priorities for European Agroforestry? European Agroforestry Federation. Universidade de Santiago de Compostela. 71 pp. http://euraf.isa.utl.pt/sites/default/files/pub/docs/book_of_abstracts_euraf_1st_conference.pdf

Cañellas, I., Sánchez-González, M., Bogino, S. M., Adame, P., Herrero, C., Roig, S. Tomé, M., **Paulo**, J. A., Bravo, F. 2008. Silviculture and carbon sequestration in mediterranean Oak forests. In: F. Bravo et al. (eds.), Managing Forest Ecosystems: The Challenge of Climate Change. Springer Science. 2008. http://link.springer.com/chapter/10.1007%2F978-1-4020-8343-3_18

Paulo, J. A., Tomé, M. Cork inventory in Portugal. In: Wong J., Baker N., Boden R. and Kleinn C. (2007) Non-wood Forest Products. Resource Assessment Guidelines. Volumes 1-3. Non-Wood Forest Products Technical Papers 13, FAO, Rome.

6.3 Outras publicações com referee

Paulo, J. A., Tomé, M. 2014. Estimativa das produções de cortiça virgem resultantes de desbastes em montados de sobro em fase juvenil. Silvalusitana 22(1): 29-42. http://www.scielo.gpeari.mctes.pt/pdf/slu/v22n1/v22n1a02.pdf

Paulo, J. A., Tomé, M. 2009. An individual tree growth model for juvenile cork oak stands in southern Portugal. Silvalusitana 17(1): 27-38. http://hdl.handle.net/10400.5/1449

Paulo, J. A., Tomé, J., Tomé, M. 2003. "Ajustamento simultâneo de equações de biomassa de azinheira". Actas do X Congresso da Sociedade Portuguesa de Estatística. 25th to 28th September 2002, Porto, Portugal. https://www.researchgate.net/publication/324475763_Ajustamento_simultaneo_de_equacoes_de_biomassa_de_azinheira

6.4 Teses

Paulo, J. A. 2011. Desenvolvimento de um sistema para apoio à gestão sustentável de montados de sobro. Tese apresentada para obtenção do grau de Doutor em Engenharia Florestal e dos Recursos Naturais. Universidade Técnica de Lisboa, Instituto Superior de Agronomia, Lisboa, Portugal, 188 pp. http://hdl.handle.net/10400.5/3850

Paulo, J. A. 2001. Impacto de diferentes equações de volume na avaliação do volume existente de Eucalyptus globulus no Inventário Florestal Nacional. Tese de Licenciatura em Engenharia Florestal. Universidade Técnica de Lisboa, Instituto Superior de Agronomia, Lisboa, 105 pp. http://dx.doi.org/10.13140/RG.2.2.22319.18082

6.5 Conselho Editorial e editor de edições especiais

Membro do conselho editorial da revista Forests.

Editora das esdições especiais na revista Forests:
- 'Modelling and Managing the Dynamics of Forest and Agroforest Ecosystems Biomass and Carbon Pools'
- 'The Environmental Impact Assessment of the Forestry and Forest Products'

7. Projetos de investigação

7.1 Coordenação e participação

Dezembro 2022 – presente.
ResAllience: Landscape resilience knowledge alliance for agriculture and forestry in the Mediterranean basin. (Grant agreement 101086600).
Responsible researcher at ISA. Project WP leader. LandLab Ambassador.

Junho 2021 - Presente.
AcornDew: Boosting the sustainability of the Montesinho Natural Park oak forest through innovation: valorization of acorn and honeydew products. FCT project MTS/SAS/0099/2020.
http://www.isa.ulisboa.pt/proj/acorndew/
Project coordinator.

2020 – 2023.
WILDFOOD: Eating the wild: Improving the value chain of Mediterranean Wild Food Products. PRIMA project.
https://wildfood.ctfc.cat/
Researcher.

2017 – 2020
INCREdible: Innovation Networks of Cork, Resins and Edibles in the Mediterranean basin, funded by the 7th framework programme. (Grant agreement 774632)
https://incredibleforest.net/
Co-responsible researcher at ISA. Work package co-leader WP1: creating Innovation Networks around specific NWFPs. **Task 2.1 leader**: Collection of knowledge from research and practice.

2009 – 2021
Evaluation of growth and yield from native forest and crops species using the 3-PG and YieldSafe models.
Associated researcher.
Financed by: FAPESP (São Paulo Research Foundation. Brasil)

2017 – 2019
AFINET: Agroforestry Innovation Networks, funded by the 7th framework programme. (Grant agreement 727872) http://www.agroforestry.eu/afinet
Responsible researcher at ISA. Work package leader WP3: Transfer of knowledge, dissemination and end-users training, **Innovation broker** of the Portuguese Regional Agroforestry Innovation Network (RAIN), Research plan development, publishing

2016 – 2019
CorkNeighbours: Understanding the interaction between cork oak trees and the vegetation in the neighbourhood (FCT project PTDC/AGR-FOR/4352/2014)
http://www.isa.ulisboa.pt/cef/forchange/fctools/content/corkneighbors
Co-responsible researcher at ISA. Work package leader (Task 3: Monitoring growth of the sample trees and the vegetation in their neighbourhood), research plan development, publishing

2014 – 2020

Postdoc project. Thesis title: Research on cork and pine-nut production in agrosilvopastoral systems, towards an efficient use of resources in water restricted ecosystems. Fundação para a Ciência e Tecnologia.
Research plan development, project writing, task coordination/participation, publishing

2016 – 2020

SUFORUN. Models and decision support tools for integrated forest policy development under global change and associated risk and uncertainty. Marie Skodowska-Curie Research and Innovation Staff Exchange project (H2020-MSCA-RISE-2015). http://suforun.ctfc.cat/
ISA team researcher, Research, Publishing.
CATIE: Centro Agronómico Tropical de Investigación y Enseñanza (Costa Rica)
Missions: 12 March 2017 to 16 April 2017 and 4 May 2018 to 25 April 2018
Research topic: *Quassia amara* L. tree growth and production of under different shading conditions: research on implications for conservation and management in Costa Rica natural forests and plantations.

2014 – 2017

AgForward – AGroFORestry that Will Advance Rural Development, Project nº613520, funded by the 7th framework programme. http://www.agforward.eu/
ISA team researcher. **Responsible for ISA activities in WP2: High nature and cultural value agroforestry.** Research plan development, task coordination, project reporting, participatory research networking, publishing.

2012 – 2016

STARTREE - Multipurpose trees and non-wood forest products a challenge and opportunity, Project nº311919, funded by the 7th framework programme. http://www.star-tree.eu/
ISA team researcher. Research plan development, task coordination, project reporting, permanent plots and trials maintenance, data collection, database management, publishing

2014 – 2015

Cork carbon footprint: from trees to products. Project PTDC/AGR-FOR/4360/2012 funded by Fundação para a Ciência e Tecnologia http://corkcarbon.web.ua.pt
ISA team researcher. Research plan development, project reporting, scenario development, production of simulation datasets, publishing

2011 – 2013

REINFFORCE - Resource INFrastructures for monitoring, adapting and protecting European Atlantic FORests under Changing climatE
http://www.iefc.net/?langue=en&affiche_page=projet_REINFFORCE
ISA team researcher. Demonstration / experimental site responsible, Project participation, Publishing

2011 – 2013
MOTIVE - Models for adaptive forest management, Project nº226544, funded by the 7th framework programme Theme 6 (environment) http://motive-project.net/
ISA team researcher. Research plan development, Project participation, Project reports, Permanent plots and trials maintenance, Data collection, Database management, Publishing

2011-2012
COST Action FP0703: Expected Climate Change and Options for European Silviculture (ECHOES) http://echoes.gip-ecofor.org/
ISA team researcher. Publishing

2005 – 2006
CarbWoodCork: Simulation of the effect of different forest management strategies and climate change on wood/cork production and CO_2 sequestration for the most important species of Portuguese forests (POCI/AGR/57279/2004)
ISA team researcher. Data collection, data analysis, project reports, publishing, project participation

2001 – 2005
SUBERWOOD Strategy and technology development for a sustainable wood + cork forestry chain (QLRT – 200 – 00701)
ISA team researcher. Data collection, data analysis, project reports, publishing. **Responsible for Task 1.3: Silvicultural effects**.

2003
Variability on tree growth and wood anatomy in *Quercus suber* and *Quercus rotundifolia*. Integrated Portuguese-German actions CRUP-DAAD.
ISA team researcher. Research planning, data collection, data analysis, project reports

2001 – 2002
NEOINV: Inventário Florestal Nacional. Novas metodologias para gestão e aquisição de dados. (INIA 1999.09.6811.7).
ISA team researcher. Field team coordination, Data collection, data analysis, database development and management.

2000
SUBERMODEL: Modelo de crescimento e produção orientado para a gestão do montado de sobro em Portugal (FCT/1999/AGR/35173).
ISA team researcher. **Field team coordination**, Data collection, Data entry, Database management

7.2 Relatórios de projetos

Bonet, J. A., Andrighetto, N., Baudriller, H., Brenko, A., Bursic, D., Calvo, J., Cristóbal, R., Hardillier, C., Libbrecht, S., Maltoni, S., Aragón, J. M., Mutke, S., Oliach, D., **Paulo**, J. A., Rodríguez, A., Santos-Silva, C., Stara, K., Taghouti, I., Tomé, M., Vidale, E. 2021. Deliverable 2.3 – iNet final report, knowledge gaps and innovation opportunities and barriers. H2020 project no. 774632 RUR-2017-1 European Commission, 65 pp.

Marini Govigli, V., Briers S., Adams, S., Martinez De Arano, I., Bonet, J.A. Andriguetto, N., Giacomoni, J., Baudriller, H., Chapelet, B., Brenko, A., Bursic, D., Calvo, J., Cristóbal, R., Hardillier, C., Maltoni, S., Mutke, S., **Paulo**, J.A., Santos-Silva, C., Stara, K., Taghouti, I., Tomé, M., Vidale, E., Redondo, C. 2021. Project publication "Knowledge in practice" - Deliverable 4.3. H2020 project no. 774632 RUR-2017-1 European Commission, 39 pp.

Martinez de Arano, I., Marini Govigli, V., Tripodi, G., Andrighetto, N., Libbrecht, S., Mutke, S., **Paulo,** J., Rubio, R. 2018. INCREDIBLE iNET Manual, Deliverable D1.1. H2020 project no.774632 RUR-10-2016-2017 European Commission, 26 pp.

Paulo, J. A., Almeida, R. 2019. Report on the fourth portuguese RAIN meeting of the AFINET project. March 2019. Report on project AFINET. 11 pp. https://zenodo.org/record/2628729#.XKYda5hKi70

Paulo, J. A., Palma, J. H. N., Almeida, R., Tomás, A. 2018. Report on the third portuguese RAIN meeting of the AFINET project. September 2018. Report on project AFINET. 11 pp. https://doi.org/10.5281/zenodo.1438103

Paulo, J. A., Tomás, A., Almeida, R., Palma, J. H. N. 2018. Report of the second portuguese RAIN meeting of the AFINET project. February 2018. 17 pp. https://doi.org/10.5281/zenodo.1438081

Paulo, J. A., Palma, J. H. N, Almeida, R. 2017. Report of the first portuguese RAIN meeting of the AFINET project. September 2017. 18 pp. https://doi.org/10.5281/zenodo.1438075

Faias, S. P., Firmino, P., Tomé, M., Palma, J. H. N., **Paulo**, J. A. 2017. Lessons learnt on the effect of understory management on tree and cork growth. Contribution to Deliverable 2.5. December 2017. 11 pp. http://hdl.handle.net/10400.5/14866

Paulo, J. A., Muñiz, A., Villada, A., Vity, A., Westaway, S. 2017. Dissemination plan. AFINET 727872. 27 July 2017. 32 pp. Dissemination Level: Confidential, only for members of the consortium.

Alonso, A. M., Verdonckt, P., Reubens, B., Mosquera, R., Villada, A., **Paulo**, J. A., Smith, J., Vityi, A., Denherder, M. 2017. Rain guidelines. AFINET project. 28th April 2017. 34 pp. Dissemination Level: Confidential, only for members of the consortium.

Palma, J.H.N., Oliveira, T., Crous-Duran, J., Graves, A.R., Garcia de Jalon, S., Upson, M., Giannitsopoulos, M., Burgess, P.J., **Paulo**, J.A., Tomé, M., Ferreiro-Dominguéz, N., Mosquera-Losada, M.R., Gonzalez-Hernández, P., Kay, S., Mirk, J., Kanzler, M., Smith, J., Moreno, G., Pantera, A., Mantovani, D., Rosati, A., Luske, B., Hermansen, J. 2017. Deliverable 6.17 (6.2): Modelled agroforestry outputs at field and farm scale to support biophysical and environmental assessments AGFORWARD project. 18 October 2017. 162 pp. http://hdl.handle.net/10400.5/14799

Palma, J.H.N., Graves, A.R., Crous-Duran J, Upson, M., **Paulo**, J.A., Oliveira, T.S., Silvestre Garcia de Jalón, S., Burgess, P.J. 2016. Yield-SAFE Model Improvements. Milestone Report 29 (6.4) for EU FP7 Research Project: AGFORWARD. 5th July 2016. 30 pp. http://hdl.handle.net/10400.5/12337

Gosme, M., Blitz-Frayret, C., Burgess, P.J., Crous-Duran, J., Dupraz, C., Dux, D., Garcia de Jalon, S., Graves, A.R., Herzog, F., Lecomte, I., Moreno, G., Oliveira, T., Palma, J.H.N., **Paulo**, J.A., Sereke, F., Tomé, M. 2016. Initial modelled outputs at field scale. Deliverable 6.16 (6.1): Initial modelled outputs at field scale to support best management practices for resource efficiency of agroforestry systems. AGFORWARD project. 23th August 2016. 29 pp. http://agforward.eu/index.php/en/initial-modelled-outputs-at-field-scale.html

Paulo, J. A., Crous-Duran, J., Firmino, P. N., Faias, S. P., Palma, J. H. N. 2016. Report describing the components, structure, ecosystem services, and economic value of selected HNCV agroforestry systems. Deliverable Report 2.4 for EU FP7 Research Project AGFORWARD. 30th January 2016. 29 pp. http://www.agforward.eu/index.php/pt/montado-portugal-843.html

Tomé, M., **Paulo**, J. A., Palma, J. H. N., Freire, J., Faias, S. P. Silvicultural prescription for increased production of NWFP. Resin, bark and sap. In: Sheppard, J., Spiecker, H. (Editors). 2016. Revised silvicultural guidelines for selected MPT and NWFPs. D2.3 of the StarTree project. 113 pp.

https://www.researchgate.net/publication/309291297_Revised_silvicultural_guidelines_for_selected_MPT_and_NWFPs_Deliverable_23_of_the_StarTree_Project

Palma, J., Graves, A., Crous-Duran, J., **Paulo**, J.A., Upson, M., Dupraz, C., Gosme, M., Lecomte, I., Ben Touhami, H., Mézière, D. and Burgess, P.J. 2015. Identification of Agroforestry Systems and Practices to Model. Milestone Report 27 for EU FP7 Research Project AGFORWARD 613520. 25 September 2015. 38 pp. http://hdl.handle.net/10400.5/10638

Paulo, J. A., Tomé, M., Faias, S. P., Firmino, P. N., Henrique, P. 2015. Existing models with an important degree of development. In: Sánchez-González, M., Pasalodos-Tato, M., Canellas, I. (Editors). 2015. Description of the improvements in the models for NWFPs and MPTs. Deliverable 2.2 of the StarTree project. 59 pp. http://star-tree.eu/images/deliverables/WP2/Deliverable%202%202_def_04112015.pdf

den Herder, M., Burgess, P.J., Mosquera-Losada, M.R., Herzog, F., Hartel, T., Upson, M., Viholainen, I. and Rosati, A. 2015. Preliminary stratification and quantification of agroforestry in Europe. Milestone Report 1.1 for EU FP7 Research Project AGFORWARD 613520. (22 April 2015). 57 pp. http://agforward.eu/index.php/en/preliminary-stratification-and-quantification-of-agroforestry-in-europe.html

Paulo, J. A., Crous-Duran, J., Palma, J. H. N. 2015. Initial Stakeholder Meeting Report Traditional Agroforestry Systems in Central and Northern Portugal Work-package groups 2: High Natural and Cultural Value Agroforestry. Specific group: Traditional agroforestry systems from central and northern regions in Portugal. Date of meeting: 28 October 2014. Date of report: 25 of March 2015. Location of meeting: Head Office of the Alvão Natural Park, Vila Real (Portugal). Agforward project report. 9 pp. http://www.agforward.eu/index.php/pt/montado-portugal-843.html

Crous-Duran, J., **Paulo**, J. A., Palma, J. H. N. 2014. Initial Stakeholder Meeting Report Montado in Portugal. Date of meeting: 24 July 2014. Location: Observatório do Sobreiro e da Cortiça, Coruche (Portugal). Date of report: 4 September 2014. Agforward project report. 12 pp. http://hdl.handle.net/10400.5/9195

Baskent, E. Z., Küçüker, D. M., Cañellas, C., Bonet, J. A., **Paulo**, J. A., Guerra, J., Miina, J., Sheppard, J., Salo, K., Fontes, L., Kurttila, M., Sánchez-González, M., Tomé, M., Soares, P., De Miguel, S., Mutke, S. 2014. Description of existing silvicultural systems for some selected MPTs and NWFP In: Tomé, M and Faias, S P (Editors), 2014. State of the art, review of silviculture, models and decision support tools for multipurpose trees (MPT) and non-wood forest products (NWFP). Deliverable 2.1 of the StarTree project. 176 pp. http://star-tree.eu/images/deliverables/WP2/Deliverable2_1.pdf

Crecente-Campo, F., Bonet, J. A., **Paulo**, J. A., Miina, J., Sánchez-González, M., Tomé, M., Calama, R., Mutke, S. 2014. Description of existing models and simulators for some selected MPTs and NWFP In: Tomé, M and Faias, S P (Editors), 2014. State of the art, review of silviculture, models and decision support tools for multipurpose trees (MPT) and non-wood forest products (NWFP). Deliverable 2.1 of the StarTree project. 176 pp. http://star-tree.eu/images/deliverables/WP2/Deliverable2_1.pdf

Paulo, J. A., Faias, S. P., Tomé, M. 2012. SUBER v5.0. Manual do utilizador. Publicações FORCHANGE. RT1/2012. Universidade Técnica de Lisboa. Instituto Superior Agronomia. Centro de Estudos Florestais. Lisboa. 41 pp. http://hdl.handle.net/10400.5/15948

Paulo, J. A., Tomé, M. 2008. Recolha de dados para determinação de biomassas e volumes de sobreiro. Protocolo para instalação de parcelas temporárias e medição de árvores amostra. Publicações FORCHANGE. RT3/2008. Technical university of Lisboa. Instituto Superior Agronomia. Centro de Estudos Florestais. Lisboa. 18 pp. http://hdl.handle.net/10400.5/1732

Tomé, M., Barreiro, S., Cortiçada, A., **Paulo**, J.A., Meyer, A., Ramos, T., 2007. Inventário florestal 2005-2006. Áreas, volumes e biomassas dos povoamentos florestais. Resultados Nacionais e por NUT's II e III. Publicações GIMREF. RT 5/2007. Technical university of Lisboa. Instituto Superior de Agronomia. Centro de Estudos Florestais. Lisboa.

Paulo, J. A., Tomé, M. 2006. Equações para estimação do volume e biomassa de duas espécies de carvalhos: *Quercus suber* e Quercus ilex. Publicações GIMREF. RC1/2006. Technical university of Lisboa. Instituto Superior Agronomia. Centro de Estudos Florestais. Lisboa. 21 pp. http://hdl.handle.net/10400.5/1730

Paulo, J. A. 2004. QuercusBiomass: manual para o utilizador. Publicações GIMREF RT1/2004. Universidade Técnica de Lisboa. Instituto Superior de Agronomia. Centro de Estudos Florestais. Lisboa, Portugal.

Paulo, J. A., Tomé, M., Uva, J. S. 2001. Recolha de dados de biomassa de Azinheiras (Quercus ilex). Protocolo para a instalação de parcelas temporárias e medição das árvores amostra. Publicações GIMREF RT6/2001. Universidade Técnica de Lisboa. Instituto Superior de Agronomia. Centro de Estudos Florestais. Lisboa, Portugal. 8pp. http://hdl.handle.net/10400.5/15948

7.3 Avaliador de projetos de investigação

2018 – Project evaluator for Direção Regional da Ciência e Tecnologia. P.O Açores 2020) Aviso Nº ACORES-45-2018-03.

8. Congressos e seminários

8.1 Organização e comité científicos

6th European Agroforestry Conference. 16 – 20 May 2022. Nuoro. Italy. https://uninuoro.it/euraf2022/
Member of the scientific committee.

5th European Agroforestry Conference. 17 – 19 May 2021. Online. Nuoro. Italy. https://www.euraf2020.eu/
Member of the scientific committee. Chair of session: Climate Change.

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4th World Agroforestry Congress. Strengthening links between science, society and policy. 2 – 22 May 2019. Montpelier. France. https://agroforestry2019.cirad.fr/
Member of the scientific committee; Chair of session Silvopastoral system: promoting rural development by increasing tree-animal-pasture relationships.

4th European Agroforestry Conference. European Agroforestry Federation. 28-30 May 2018, Nijmegen, The Netherlands.
http://www.eurafagroforestry.eu/conferences/IVEURAFConference_2018_nijmegen
Member of the scientific committee.

Centro de Estudos Florestais conference from research to practice. Subject: The Role of Agroforest Management Practices in the Prevention and Recovery After Fire in Montado. 23rd November 2017. Grândola.
https://www.isa.ulisboa.pt/en/cef/highlights/meetings/cork-oak-woodlands-agroforest-management-practices
Organizer.

3rd European Agroforestry Conference. European Agroforestry Federation. 23rd to 25th Mat 2016, Montpellier, France.
http://www.agroforestry.eu/conferences/III_EURAFConference
Member of the scientific committee.

Centro de Estudos Florestais conference from research to practice. Subject: Cork oak stands and cork oak. 25th September 2015. Lisboa, Portugal.
Organizer.

2nd European Agroforestry Conference. European Agroforestry Federation. 4th to 6th June 2014, Cottbus, Germany.
http://www.eurafagroforestry.eu/action/conferences/II_EURAFConference
Member of the scientific committee.

Centro de Estudos Florestais conference from research to practice. Subject: Cork oak stands and cork oak. 31st January 2014. Instituto Superior de Agronomia, Lisboa, Portugal.
Organizer.

1st European Agroforestry Conference. European Agroforestry Federation. 9th and 10th October 2012, Brussels, Belgium.
http://www.eurafagroforestry.eu/action/conferences/I_EURAFConference
Member of the scientific committee.

Workshop on The SUBER model as a management tool for decision support on forest management of cork oak stands in Portugal (O modelo SUBER como ferramenta de apoio à gestão do montado de sobro em Portugal).
Two editions: 10th April 2012 and 6th March 2012. Location: Observatório do sobreiro e da cortiça. Coruche, Portugal.
Organizer.

8.2 Apresentações orais

Sousa, A., Tomás, A., Rios, M., **Paulo, J. A.** 2024. O contributo do projeto ACORNDEW para o estudo da produção de mel de melada e bolota de *Quercus pyrenaica* no Parque Natural de Montesinho. V Conferência Ibérica sobre a bolota. 2 e 3 de Março. Ancião.

Paulo, J. A. 2024. Vamos explorar o projeto ResAlliance. Lançamento do Living-Lab Português do projeto ResAlliance 17 Novembro 2023 Local: Vila Real. http://hdl.handle.net/10400.5/29456

Paulo, J. A., Santos, D. I. 2023. Virgin cork colour and porosity as predictors for secondary cork industrial quality. Conference on Cork Science and Applications. 7-8 September 2023. Espinho. Portugal. http://hdl.handle.net/10400.5/28713

Paulo, J. A. 2023. Gestão Sustentável da Floresta. Jornadas de sustentabilidade do Alto Minho. 23 March 2023. Vila Praia de Âncora.

Paulo, J. A., Firmino, P. N., Tomé, M. 2022. An individual tree and climate dependent growth model to forecast mature annual cork thickness under climate change scenarios. 9th Congresso Florestal Nacional. 10 – 14 October 2022. Funchal, Madeira. http://hdl.handle.net/10400.5/25714

Pereira, B., Tomé, M., **Paulo, J. A.** 2022. Avaliação da qualidade industrial da cortiça ao nível da árvore individual em três tiradas consecutivas. 9th Congresso Florestal Nacional. 10 – 14 October 2022. Funchal, Madeira. http://hdl.handle.net/10400.5/25713

Firmino, P. N., **Paulo, J. A.**, Campagnolo, M., Lourenço, A., Tomé, M. 2022. Analysing drivers determining tree diameter spatial distribution in juvenile cork oak stands plantations installed in high productivity areas. 9th Congresso Florestal Nacional. 10 – 14 October 2022. Funchal, Madeira.

Marques, S., Rodrigues, A. R., Botequim, B., **Paulo, J. A.**, Borges, J. 2022. Addressing carbon storage in forested landscapes' management planning - an optimization approach and application in Northwest Portugal. 9th Congresso Florestal Nacional. 10 – 14 October 2022. Funchal, Madeira.

Jorge, C. T., Tomé, M., Ruiz-Peinado, R., Zribi, L., **Paulo, J. A.,** 2022. Biomass Predictions for *Quercus suber* in the West Mediterranean basin. 9th Congresso Florestal Nacional. 10 – 14 October 2022. Funchal, Madeira.

Paulo, J. A., Firmino, P. N., Faias, S. P., Tomé, M. 2021. Using quantile regression to evaluate the impact of different factors in the cork caliper of cork oak trees in montado agroforestry ecosystem. 5th European Agroforestry conference. Nuoro. 16-20 May 2021. Online. http://hdl.handle.net/10400.5/24468

Paulo, J. A., Firmino, P., Faias, S., Tomé, M. 2019. Mapping cork caliper in Portugal using percentile regression. XXV IUFRO congress. 29th September to 5th October 2019. Curitiba. Brasil. http://hdl.handle.net/10400.5/18449

Paulo, J. A., Almeida, R., Palma, J. H. N., Tomás, A., Tomé, M. 2019. Portuguese Regional Agroforestry Innovation Network (RAIN) from the AFINET project: SWOT analysis after two years of establishment. 4th World congress on Agroforestry. 20-22 May 2019. Montpellier. France. https://zenodo.org/record/3233735#.XPU44o97nIV

Paulo, J. A., Aubard, V., Silva, J. 2019. Produtividade dos montados em Portugal no período 1984–2017. Conference cycle from the Confederaçao dos Agricultores de Portugal. 2nd session: "Gestão Florestal, Território e Riscos Naturais - Montados, sobreirais e azinhais". 17 April 2019. Grândola. http://hdl.handle.net/10400.5/17749

Paulo, J. A., Almeida, H., Sampaio, T., Correia, A., Silva, F. C., Caldeira, C., Faias S., Tomé, M. 2019. Impacto das alterações climáticas no montado de sobro. Ovibeja. 24 April 2019. Beja. https://zenodo.org/record/2653664#.XMbtHGhKi70

Palma, J. H. N, **Paulo**, J. A., Tomás, A., Almeida, R. 2018. Inovações pela Europa fora. Lista final obtida em reuniões como esta desde o início do projecto AFINET. 12th September 2018. Beja. 3rd Portuguese RAIN meeting of the AFINET project. http://hdl.handle.net/10400.5/15946

Paulo, J. A., Duran, J. C. 2018. Investigação e transferência de conhecimento para a promoção de modelos de gestão agroflorestais sustentáveis. 'Floresta Global' Seminar. Agroglobal. 7th September 2018. http://hdl.handle.net/10400.5/15944

Paulo, J. A., Palma, J. A., Tomé, M. 2018. Por onde anda a investigação do Forchange no ano 2018 (cortiça, montado, sistemas agroflorestais)? CorkTalks. Thecorkmarketplace project. 28th February 2018. Instituto Superior de Agronomia. Lisboa.

Paulo, J. A., Faias, S. P., Firmino, P., Tomé, M. 2017. Impacto de diferentes alternativas de gestão na biomassa do subcoberto e no crescimento da árvore e da cortiça. Centro de Estudos Florestais (CEF) conference from research to practice. Subject: The Role of Agroforest Management Practices in the Prevention and Recovery After Fire in Montado. Organization: CEF and ANSUB. 23rd November 2017. Grândola. http://hdl.handle.net/10400.5/14412

Faias, S. P., **Paulo**, J. A., Tomé, M. 2017. Competition pattern in young cork oak stands. 21st Conference of the International Federation of Operational Research Societies. 17-21 July 2017, Quebec, Canada.

Faias, S. P., **Paulo**, J. A., Tomé, M. 2017. Tree diameter growth model for cork oak stands in Portugal. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the Future, 25-26 May 2017, Sassari, Italy.

Faias, S. P., **Paulo**, J. A., Tomé, M. 2017. Competition pattern in young cork oak stands. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the Future, 25-26 May, 201, Sassari, Italy.

Crous-Duran, J., **Paulo**, J. A., Graves, A. R., Tomé, M., Palma, J. H. N. 2017. Carbon balance estimation in cork oak woodlands compared to land use alternatives. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the Future, 25-26 May 2017, Sassari, Italy.

Tomé, M., Firmino, P. N., Faias, S.P., **Paulo**, J. A. 2017. Innovative methodology to include weather effects in a system of equations to predict the evolution of individual tree mature cork caliber over time. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the Future, 25-26 May 2017, Sassari, Italy.

Palma, J. H. N., **Paulo**, J. A., Tomé, M. 2017. WebCorky – an online decision support tool to decide when stand debarking should occur. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the

Future, 25-26 May 2017, Sassari, Italy. https://prezi.com/mioupip57iau/webcorky-sassari-2017/

Tomé, M., **Paulo**, J. A., Palma, J. H. N., Firmino, P. N., Faias, S. P. 2017. The SUBER model, now with added options: simulating different silvicultural systems and associated products and services. International congress on cork oak trees and Woodlands: Conservation, Management, Products and Challenges for the Future, 25-26 May 2017, Sassari, Italy.

Tomé, M., **Paulo**, J. A., Faias, S. P., Palma, J. H. N. 2017. Promoting the use of forest models to support forest management focused on NWFPs. Meeting of the FPS COST Action FP1203 European non-wood forest products network (NWFPs). Slovenian Forestry Institute. 8th – 10th March 2017. Ljubljana.

Tomé, **Paulo**, J. A., Faias, S. P., Palma, J. H. N. 2017. Long-term prediction of cork production at national level. Meeting of the FPS COST Action FP1203 European non-wood forest products network (NWFPs). Slovenian Forestry Institute. 8th – 10th March 2017. Ljubljana.

Paulo, J. A. 2016. Sistemas agroflorestais em Portugal: tradição e oportunidade de inovação. 1st national encounter of Portuguese forestry students. 20th November 2016. Instituto Superior de Agronomia. Lisboa, Portugal. http://dx.doi.org/10.13140/RG.2.2.30419.78888

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Palma, J. H. N., **Paulo**, J. A., Sendim, A. 2014. Holistic agroforestry system in practice. Just an idea or is there a living model?, In 2nd European Agroforestry Conference - Integrating Science and Policy to Promote Agroforestry in Practice, Palma JHN & Chalmin (Eds), Cottbus, Germany, 63-66 pp

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Crous-Duran, J., **Paulo**, J. A., Palma, J. H. N. 2014 Carbon balance estimation for Agroforestry land use alternatives in Portugal.In 2nd European Agroforestry Conference - Integrating Science and Policy to Promote Agroforestry in Practice, Palma JHN & Chalmin (Eds), Cottbus, Germany, 153-156 pp

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Palma, J. H. N., Crous-Duran, J., Merouani, H., **Paulo**, J. A., Tomé, M. 2014. Innovating tree plantation design: Spiralographing agroforestry. In 2nd European Agroforestry Conference - Integrating Science and Policy to Promote Agroforestry in Practice, Palma JHN & Chalmin (Eds), Cottbus, Germany, 187-189 pp

http://www.repository.utl.pt/bitstream/10400.5/6764/1/REP-IIEURAF_Conference_Book_of_Abstracts.pdf#197

Branco, M., **Paulo**, J. A., Sousa, E. 2014. Pragas em montado: o que sabemos e o que nos falta saber. Proceedings of the 1st Centro de Estudos Florestais (CEF) conference from research to practice. Subject: Cork oak stands and cork oak. 31st January 2014. Instituto Superior de Agronomia, Lisboa, Portugal. pp 10. http://hdl.handle.net/10400.5/6758

Tomé M., **Paulo** J. A., Faias S. P., Palma J. H. N. 2014. O modelo SUBER na plataforma sIMfLOR para apoio à gestão florestal. Proceedings of the 1st Centro de Estudos Florestais (CEF) conference from research to practice. Subject: Cork oak stands and cork oak. 31st January 2014. Instituto Superior de Agronomia, Lisboa, Portugal. pp 11. http://hdl.handle.net/10400.5/6758

Palma, J. H. N., **Paulo**, J. A., Tomé, M. 2014. WebCorky - protelar ou não o descortiçamento? Proceedings of the 1st Centro de Estudos Florestais (CEF) conference from research to practice. Subject: Cork oak stands and cork oak. 31st

January 2014. Instituto Superior de Agronomia, Lisboa, Portugal. pp 12. http://hdl.handle.net/10400.5/6758

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Paulo, J. A., Palma, J. H. N., Tomé, M. 2012. Assessment of cork production in new *Quercus suber* plantations under future climate. Book of abstracts from Tours 2012 International Conference. Tackling climate change: the contribution of forest scientific knowledge. 21 – 24 May 2012, Tours, France. pp 84. http://www.gip-ecofor.org/tours2012/?q=node/18

Paulo, J.A, Tomé, M., 2010. Optimization of cork debarking rotation for sites of different cork productivity and quality. Abstracts from XXIII IUFRO World Congress: Forests for the Future – Sustaining Society and the Environment. From 23 to 28 August 2010, Seoul, Republic of Korea. International Forestry Review vol.12 (5). Editors: Parrota, J.A., Carr, M.A. pp 40.

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Paulo, M., Tomé, M. 2009. *In:* Silva R. e Páscoa, F. Predição do peso de cortiça extraída ao nível da árvore para cortiças comdiferentes idades de criação. Proceedings do 6º Congresso Florestal Nacional – A Floresta num mundo globalizado. Ponta Delgada. 6-9 Outubro de 2009. http://hdl.handle.net/10400.5/1740

Tomé, M., Barreiro, S., **Paulo**, J. A., Soares, P., Tomé, J. 2009. Estimating future carbon sequestration at the national/regional level using national forest inventory data: the impact of data aggregation. *In:* Dykstra, D. P.; Monserud, R. A., tech. eds.

2009. Forest growth and timber quality: Crown models and simulation methods for sustainable forest management. Proceesings of an international conference. Gen. Tech. Rep. PNW-GTR-791. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. pp. 264. http://www.arlis.org/docs/vol1/A/430950226.pdf#page=276

Tomé, M., Soares, P., Barreiro, S., Cortiçada, A., **Paulo**, J. A., 2006. Carbon budget of Portuguese forest for the period 1998-2005. *In*: Bravo Oviedo, F. (ed.), Proceedings of the IUFRO Div.4 2006 International Meeting Managing Forest Ecosystems: the Challenges of Climate Change, University of Valladolid at Palencia, Spain, 3-7 April.

Paulo, M., Tomé, M. 2005. *In:* Silva R. e Páscoa, F. Modelo Probabilístico Independente da Distância para Implementação de Desbastes em Povoamentos Regulares de Sobreiro. Proceedings do 5º Congresso Florestal Nacional – A Floresta e as Gestes. 16th to 19th of May 2005. Instituto Politécnico de Viseu, Portugal (http://hdl.handle.net/10400.5/592.

Tomé, M., **Paulo**, J. A. 2005. *In:* Silva R. e Páscoa, F. Gestão de Montados de Sobro Apoiada em Inventário Florestal e no Modelo SUBER. Proceedings do 5º Congresso Florestal Nacional – A Floresta e as Gestes. 16th to 19th of May 2005. Instituto Politécnico de Viseu, Portugal (in CD).

Paulo, J. A., Tomé, M. 2004. *In:* Hasenauer, H. e Makela, A. Modeling growth and cork yield of cork oak trees in the juvenile stage. Proceedings do congresso International Conference on Modelling Forest Production. 19th to 22nd April 2004. Vien, Áustria.

Paulo, J., Tomé, M. 2004. Dendrometric variables prediction equations at tree level for juvenile cork-aok stage. Proceedings da Reunion del grupo de trabajo de 'Modelization forestal' de la sociedad española de ciencias forestales. 3rd to 5th Mach 2004, Palencia, Spain.

Paulo, J. A., Tomé, M., Soares, P., Uva, J. S., Moreira, J. 2001. Impacto de diferentes equações de volume na avaliação do volume existente de madeira de eucalipto a nível nacional; Actas do 4º Congresso Florestal Nacional. 28th to 30th November 2001, Évora, Portugal.

9. Modelos e ferramentas informáticas

Modelo SUBER v5.0
Coordenação e desenvolvimento
http://www.isa.ulisboa.pt/cef/forchange/fctools/en/SimflorPlatform/StandSimulators/Suber

Modelo EcoYield-Safe
Membro da equipa de desenvolvimento
http://www.isa.ulisboa.pt/proj/ecoyieldsafe/#/

Plataforma sIMfLOR
Membro da equipa de desenvolvimento
http://www.isa.ulisboa.pt/cef/forchange/fctools/en/SimflorPlatform

Ferramenta Webcorky
Membro da equipa de desenvolvimento
http://www.isa.ulisboa.pt/cef/forchange/fctools/pt/ferramentas/webcorky

10. Docência

10.1 Coordenação

Ano	Curso	Instituição
2022 - presente	**Coordenadora da comissão de curto do Mestrado em Engenharia Florestal e Recursos Naturais.**	Instituto Superior de Agronomia

10.2 Unidades curriculares lecionadas

Ano	Unidade curricular	Curso	Instituição
Desde 2023/2024	**Sistemas Agroflorestais** (Coordenaçao)	**BSc** Forestry and natural resources management	Instituto Superior de Agronomia
2020/2021 e 2021/2022	**Seminário** (Coordenaçao)	**PhD in Forestry Engineering and Natural Resources**	Instituto Superior de Agronomia
2022	**Senior University Training Program**		Universidade de Lisboa
Desde 2018/2019	**Management and Conservation of Vegetation and Agroforestry Systems**	**MSc** Forestry and natural resources management **MSc** in Mediterranean Forestry and Natural Resources Management	Instituto Superior de Agronomia
	Forest models		
	Mathematic analysis	**BSc** courses	
	Statistics		
2017/2018	**Forest models** (2.5h)	**MSc** Forestry and natural resources management	Instituto Superior de Agronomia

		MSc in Mediterranean Forestry and Natural Resources Management	
2016/2017	**Management and Conservation of Vegetation and Agroforestry Systems** (7.5h)	**MSc** Forestry and natural resources management	Instituto Superior de Agronomia
2015/2016	**Silviculture** (2.5h)	**BSc** in Forestry and natural resources management	Instituto Superior de Agronomia
2014/2015	**Forest models** (42h)	**MSc** Forestry and natural resources management **MSc** in Mediterranean Forestry and Natural Resources Management	Instituto Superior de Agronomia
	Silviculture (2.5h)	**BSc** in Forestry and natural resources management	
2014/2015	**Forest and natural resources inventory** (60h)	**MSc** in Sustainable management of natural resources and environment	Universidade Nacional de Timor Lorosa'e
2013/2014	**Silviculture** (2.5h)	**BSc** in Forestry and natural resources management	Instituto Superior de Agronomia
2012/2013	**Silviculture** (2.5h)	**BSc** in Forestry and natural resources management	Instituto Superior de Agronomia
2011/2012	**Silviculture** (2.5h) **Forest and natural resources inventory** (5h)	**BSc** in Forestry and natural resources management	Instituto Superior de Agronomia
2011/2012	**Forest models** (15h)	**MSc** Forestry and natural resources management	Instituto Superior de Agronomia
2007/2008	**Forest and natural resources inventory** (5h)	**BSc** in Forestry and natural resources management	Instituto Superior de Agronomia
2001 to 2017	**Mathematics Statistical analysis**	Tutoring / Coaching	Private

2004 to 2006	**Mathematics Statistical analysis**	Tutoring / Coaching	Caselsol, IPSS

Ano	Tema e Instituiçao	Aluno
Em curso	Caracterização dos povoamentos e da disponibilidade de bolota em quatro manchas florestais de carvalho negral do Parque Natural de Montesinho abrangidas pelo projeto AcornDew Inst. Sup. Agronomia / Universidade de Lisboa	Margarida Rios
Em curso	**PhD thesis:** Process based models for cork oak (*Quercus suber* L.) Inst. Sup. Agronomia / Universidade de Lisboa	Catarina Tonelo Jorge
Em curso	**PhD thesis**: Influence of edaphic, topographic and competition variables on cork quality and thickness and cork oak spatial distribution. Inst. Sup. Agronomia / Universidade de Lisboa	Paulo Neves Firmino
2024	**MSc thesis**: Valuing the acorn cupule of diferent oak species in a circular economy context. Universidade de Évora (Mestrado em Gestao e Conservação dos Recursos Naturais)	Ana Torre Caeiro
2023	**MSc thesis**: Cork porosity evolution analysis at the tree level. Inst. Sup. Agronomia / Universidade de Lisboa	João Toscano
2022	**MSc thesis**: Cork quality evolution analysis at the tree level. Inst. Sup. Agronomia / Universidade de Lisboa	Bernardo Pereira
2020	**PhD thesis**: Using neighbourhood vegetation information on cork oak growth and yield modelling. Inst. Sup. Agronomia / Universidade de Lisboa	Sónia Pacheco Faias
2019	**MSc thesis**: Avaliação de diferenças de crescimento entre clones de diferentes espécies de eucalipto no Distrito de Gurué, Província de Zambézia, Moçambique. Inst. Sup. Agronomia / Universidade de Lisboa	Hugo Canha

2018	**MSc thesis**: Monitoring cork oak woodlands through remote sensing with Google Earth Engine', financed by the ERASMUS+ Learning agreement for traineeships motilities between programme countries Agrocampus Quest Rennes (França)	Valentine Aubard
2017	**MSc thesis**: Validation of the method used by the SUBER model for the estimation of extracted cork dry weight with more than 9 years of growth. Inst. Sup. Agronomia / Universidade de Lisboa	Marta Felip Ruiz
2016	**MSc thesis**: Modelling tree height statistical distribution in young cork oak stands Inst. Sup. Agronomia / Universidade de Lisboa	Eduardo Collado Coloma
2015	**MSc thesis**: Modelação do crescimento em altura de povoamentos jovens de sobreiro (Modeling tree height growth of young cork oak trees) Universidade de Évora (Mestrado em Gestao e Conservação dos Recursos Naturais)	Francisco Braga
2014	**MSc thesis**: Analise de mortalidade em plantações jovens de Sobreiro (*Quercus suber* L.) e sua relação com a qualidade da estação (Analysis of mortality rates in young cork oak plantations (*Quercus suber* L.) and relation to site quality) Inst. Sup. Agronomia / Universidade de Lisboa	Diogo Castel-Branco
2012	**Graduation thesis**: Implementação de Modelos de Produção em PGF, Aplicação de um caso de estudo no Conselho de Coruche. (Implementation of growth and yield model in forest management plans development: an application study in the Coruche council) Inst. Sup. Agronomia / Universidade Técnica de Lisboa	Diogo D'Andrade de Oliveira e Sousa
2003	**Graduation thesis**: 'Instalação de um ensaio para estudo do efeito da condução do sub-bosque no calibre e qualidade da cortiça' (Installation of an experimental trial for the study of the effect of understory management on cork calibre and quality') Inst. Sup. Agronomia / Universidade Técnica de Lisboa	Marta Morais Campos

| 2003 | **Graduation thesis**: Determinação das componentes de biomassa por amostragem destrutiva em eucaliptais plantados a diferentes compassos (Determination of biomass components by destructive sampling in *eucalyptus* plantations with different spacing's) Inst. Sup. Agronomia / Universidade Técnica de Lisboa | Nuno Miguel Raposo de Melo |

10.4 Orientação de estágios de licenciatura

Ano	Tema	Aluno
2017	Internship supervisor for Bachelor Degree in Agronomy Engineering. Title: 'Silvopastoral systems: cork oak and montado' Vetagro Sup – Campus Agronomique	Valentine Aubard
2016	Internship supervisor for Bachelor Degree in Agronomy Engineering. Title: 'Silvopastoral systems and Agroforestry' Vetagro Sup – Campus Agronomique	Valentim Laroche
2016	Internship supervisor for Bachelor Degree in Agronomy Engineering. Title: '*Quercus suber* and *Pinnus pinea* agroforest systems management: field measurements and data analysis' Vetagro Sup – Campus Agronomique	Elisa Werthle

10.5. Lecionação em cursos não conferentes a grau

Ano	Curso e horas lecionadas	Organizador
2018	Winter course: Forest models and simulators to support sustainable forest management in a global change context.	EvolTree and ISA/CEF
2017	Training course on Cork oak montado – ecosystem at the edge of climate change (Montado de sobro – Ecossistema no Limiar das Alterações Climáticas) (28h)	APFC and ISA/CEF
2014	Training course on Pruning and thinning in cork oak stands (25h)	ACHAR

2012	Workshop on [The SUBER model as a management tool for decision support on forest management of cork oak stands in Portugal](#) (O modelo SUBER como ferramenta de apoio à gestão do montado de sobro em Portugal) (16h)	ISA/CEF
2005	Training course for CELPA forest inventory team leaders (Curso Prático de Formação para Chefes de Brigada de Inventário Florestal da CELPA) (40h)	ISA/CEF
2002 and 2003	Supervisor of the [Ciência Viva](#) 'Science Activities in the Summer' course. (40h each)	ISA/CEF

10.6. Arguência em júris de teses de mestrado (MsC) e doutoramento (PhD)

2024	**MSc thesis**. Implementaçaoo de práticas de agricultura sintrópica na quinta do Pisão. MSc in Natural Resources Management.	University of Évora
2024	**MSc thesis**. Caracterização das comunidades de peixes nativos e não nativos em águas interiores da Península Ibérica. Pedro Nunes Pacheco. MSc in Natural Resources Management.	ISA
2024	**MSc thesis**. Avaliação da variabilidade de características adaptativas em proveniências de sobreiro (*Quercus suber* L.). Afonso Rafael Pires Rosado Martins. MSc in Natural Resources Management.	ISA
2024	**MSc thesis**. Produção de resina no ensaio clonal de pinheiro-bravo na Mata Nacional de Escaroupim. Pedro António Calamote de Almeida. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. Análise da capacidade do modelo 3PG para apoiar as decisões sobre a necessidade de aplicação de fertilizantes em plantações de eucalipto em Portugal Jorge Manuel da Silva Delgado Nunes. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. A gestão de combustíveis na redução dos fogos florestais na paisage. Mariana Godoi Dias. MSc in Natural Resources Management.	ISA

Year	Thesis	Institution
2023	**MSc thesis**. Estudo da evolução da porosidade da cortiça ao nível da árvore individual em três tiradas consecutivas. João Pedro Gonçalves Toscano. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. Gestão florestal para o sequestro de carbono – o caso da Tapada Nacional de Mafra. Manuel da Silva Inácio. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. Relação entre a produção de resina e o teor de extrativos em diclorometano determinados por espetroscopia de infravermelho próximo (NIR). Leonardo Müller Simas. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. PARTICIPA - Gestão participativa da faixa de servidão de linhas de transporte de eletricidade. António Maria Vaz Portugal Nogueira Freire. MSc in Natural Resources Management.	ISA
2023	**MSc thesis**. A fenologia e o crescimento secundário do sobreiro como possíveis indicadores da melhor altura de descortiçamento. André Oliveira Bencatel. MSc in Natural Resources Management.	ISA
2022	**MSc thesis**. Efeito da resinagem na composição química do pinhão de pinheiro-manso. José Miguel Amante dos Loios Angelino. MSc in Natural Resources Management.	ISA
2022	**MSc thesis**. Avaliação da qualidade industrial da cortiça ao nível da árvore individual em três tiradas consecutivas. Bernardo Paulo Climas Pereira. MSc in Forestry Engineering and Natural Resources.	ISA
2021	**MSc thesis**. Nguyen Thanh Phuong. Estimation of site index from environmental variables for eucalypt stands in Portugal. MSc in Mediterranean Forestry and Natural Resources Management (MEDfOR).	ISA
2021	**MSc thesis**. Efeito do desbaste no desenvolvimento de um povoamento de pinheiro-manso (Pinus pinea L.) na Mata Nacional do Escaroupim. Rafael Rodrigues Jorge. MSc in Forestry Engineering and Natural Resources.	ISA
2020	**PhD thesis**. Margarida Ramos. Topic: Knowledge representation and terminology: application to the cork industry.	Université de Savoie Mont-Blanc and Faculdade de

		Ciências Sociais e Humanas da Universidade Nova de Lisboa
2020	**MSc thesis**. Francisco Pinto. Topic: Agrofloresta de sucessão: regresso ao passado que nunca existiu. Estudo de caso, em Portugal. MSc in Agriculture Engineering.	ISA
2019	**MSc thesis**. Rafael Nabais Pedrico. Topic: Efeito do compasso à plantação no desenvolvimento de povoamentos de pinheiro bravo. MSc in Forestry Engineering and Natural Resources.	ISA

11. Transferência de conhecimento

11.1. Recursos na web

Design e gestão	www.isa.ulisboa.pt/cef/forchange/fctools
Design e gestão	http://www.agroforestry.eu/afinet
Colaborador	http://www.eurafagroforestry.eu/
Gestor	https:// Eww.facebook.com/euraf/
Gestor	https://www.facebook.com/AgforwardProject/
Gestor	https://www.facebook.com/centrodeestudosflorestais/
Gestor	https://www.facebook.com/groups/239821656526741/

11.2 Films (produção e definição de script)

Trabalho científico do CEF na base da nova APP – Cartografia de Aptidão para o Sobreiro
https://www.youtube.com/watch?v=vao0BeGHo7Y (in Portuguese)

Agroforestry in Europe: a farmer testimony
https://youtu.be/u1dWmWrpu7w (full version)
https://youtu.be/h_jNaEX5k54 (short version)

Innovation tutorial: Managing understory in cork oak Montado
https://youtu.be/EATeO4_xhWc

3rd AFINET RAIN project meeting (12/09/2018)
https://www.youtube.com/watch?v=KqnCFABjNdw

1st AFINET RAIN project meeting (12/09/2017)
https://www.youtube.com/watch?v=stTYa7F2lgc

E depois dos incêndios? O caso do montado
https://www.youtube.com/watch?v=WhptGXrGJQ0

Visita Técnica CEF/CEABN às áreas ardidas de Oliveira do Hospital
https://www.youtube.com/watch?v=jEwrpvNCOlQ

Seminário Gestão Agroflorestal Pós-Fogos em Montado - 23 Nov. 2017
https://www.youtube.com/watch?v=2xGc00m1quA

11.3 Artigos técnicos

2023	**Paulo**, J. A., Bento, I. B. 2024. Florestas.pt Bolota: o novo despertar de um alimento milenar. Online: https://florestas.pt/descobrir/bolota-o-novo-despertar-de-um-alimento-milenar/
2022	**Paulo**, J. A. 2022. Calibre e qualidade condicionam preço da cortiça. Florestas.pt Online: https://florestas.pt/valorizar/calibre-e-qualidade-condicionam-preco-da-cortica/
2020	**Paulo**, J. A. 2020. Sistemas Agroflorestais – promover a diversidade na tradição e na inovação. CULTIVAR - Cadernos de Análise e Prospetiva N.º 21 dezembro de 2020	Sistemas agroflorestais. pp 13 – 19.
2020	Rodrigues, A. R., **Paulo**, J. A., Madeira, M. 2020. Gestão do montado: pastagens semeadas, solo e produtividade. Revista Voz do Campo 233: 48-49.
2018	den Herder, M., **Paulo**, J. A. 2018. Sheep as forest managers – Management of young forest stands by grazing sheep. (Available in English and Portuguese)
2018	**Paulo**, J. A., Tomás, A., Guedes, J. S. 2018. Vinha do enforcado: produção de vinho num sistema agroflorestal ancestral e ameaçado no Norte de Portugal. (Available in English and Portuguese)
2017	**Paulo**, J. A., Almeida, R. P. 2017. Rede de Inovação para os Sistemas Agroflorestais. Vida Rural. Novembro 2017. Pp. 44 – 45.
2013	Tomé, M., **Paulo**, J. A., Faias, S., Barreiro, S. Palma, J. H. N. 2013. A plataforma sIMfLOR – facilitador da utilização de modelos de crescimento da floresta para apoio à gestão florestal. Revista da Associação Nacional das empresas florestais, Agrícolas e do Ambiente. Nº 20. Abril/Maio/Junho 2013. Pp 17 – 20.

2012	**Paulo**, J. A., Tomé, M., Palma, J. H. N., Faias, S., Barreiro, S. 2012. sIMfLOR: simulador da floresta portuguesa. Livro de resumos do evento CREST IT: Empreendedorismo e transferência de tecnologia. Organização: Centro de Excelência em Desmaterialização de transações (CEDT). Local: Fundação Dr. António Cupertino de Miranda. 20 Novembro 2012. Pp 48-49
2011	Palma J. H. N., **Paulo** J. A., 2011. Contribution of Portugal to the establishment of the European Federation of Agroforestry, 1st European Meeting of Agroforestry. Paris, December 2011, pages 16-17, 34 pp.
2002	**Paulo**, J. A., Tomé, M., Soares, P., Uva, J. S., Moreira, J. 2002. "Impacto de diferentes equações de volume na avaliação do volume existente de Eucaltptus globulus no inventário florestal nacional". Ingenium 2ª série; n.º 66; Março/Abril 2002, pp. 90-94.

11.4. Flyers e brochuras

2020	**Paulo**, J. A., Faias, S., Firmino, P. Climatic impact on cork thickness from different trees located in the same stand. Incredible project.
2019	**Paulo**, J. A., Faias, S. Cork carbon footprint: From forest to products. Incredible project.
2019	Tomé, M., Faias, S. P., **Paulo**, J. A. Field sampling methods for cork value evaluation before cork debarking. Incredible project.
2019	**Paulo**, J. A., Faias, S. The influence of formation pruning in the cork tree growth rate: a case study. Incredible project.
2019	**Paulo**, J. A., Tomé, M. What are the main variables influencing cork thickness? Incredible project.
2019	**Paulo,** J. A. Accessing site productivity in cork oak stands in Portugal. Incredible project.
2019	**Paulo**, J. A., Tomé, M., Faias, S. P. Inter-tree competition patterns in un-debarked cork oak stands in Portugal. Incredible project.
2019	**Paulo**, J. A., Tomé. Impact of postponing cork extraction on the equivalent annual annuity stands, characterized by varying productivity and cork quality. Incredible project.
2019	**Paulo**, J. A., Almeida, R. Rainwater harvesting in mediterranean silvopastoral systems. Factsheet n. 5. AFINET project. (PT and EN) https://zenodo.org/record/3274744#.Xl0l_0rgrIU

2019	**Paulo**, J. A., Almeida, R. [Shelterbelts and windbreaks: principles for installation](). Factsheet n. 6. AFINET project. (PT and EN) https://zenodo.org/record/3258360#.Xl0m3ErgrIU
2019	Rois, M., Herder, M. D., **Paulo**, J. A., Tomás, A. [Agroforestry contributes to circular bioeconomy.]() Factsheet n. 7. AFINET project. (PT and EN) https://zenodo.org/record/3383958#.Xl0m9UrgrIU
2019	Consalvo, C., **Paulo**, J. A., Pisaneli, [A. Vineyards associated with trees as living supports](). Factsheet n. 25. AFINET project. (PT and EN) https://zenodo.org/record/3384019#.Xl0nPUrgrIU
2016	**Paulo**, J. A., Faias, S. P. F., Firmino, P. Palma, J. H. N. [Managing shrub encroachment in cork oak Montado.]() Innovation leaflet n. 5. Agforward project. (PT and EN)
2016	Palma, J. H. N., Oliveira, T. S., Crous Duran, J., **Paulo**, J. A. [Modeling livestock carrying capacity in Montados](). Innovation leaflet n. 6. Agforward project. (PT and EN)
2016	[Managing forests for multiple purposes. Managing cork oak: a tale of two countries](). StarTree project (311919).

11.5. Newsletters

Editor da newsletter do projeto AFINET (2016 - 2019)
http://www.agroforestry.eu/afinet/newsletter

Comição editorial da Newsletter European Agroforestry Federation (until 2020)
http://www.agroforestry.eu/newsletters

12. Consultoria

Ano	Tema	Entidade
Em curso	Expert for the development of ISO/TC 87/WG 15: Sustainable development in the cork field.	Instituto Português da Qualidade
2023	Avaliadora do projeto pedagógico de mestrado em Ciências Florestais e do Ambiente.	Faculdade de ciências agrárias. Universidade José Eduardo dos Santos.

2021	Forest inventory, yield and production simulation, and advisory	Private owner
2019	Forest inventory and tree georeferencing of Barroca D'Alva	BCCAML PORTUGAL II, S.A
2018	Forest inventory of Herdade da Broa (coordination)	AGROGES
2017	Forest inventory of Herdade de Vale Gordo (coordination)	AGROGES
2016	Team member for the Regional forest management plans development for Centro Interior, Centro Litoral and Algarve regions. (Membro da equipa de elaboração dos planos regionais de ordenamento florestal (PROF) para as Regiões do Centro interior, Centro litoral e Algarve.)	ICNF
2013	Team member for the prospecting study on the forest sector in Portugal. (Estudo prospetivo para o setor florestal em Portugal.)	AIFF
2008	Development of an Excel application for estimation of cork production based in tree level forest inventory data.	TERRAGES
2006	Validation and analysis of data from the 5th national forest inventory. AFN 2010. Inventário Florestal Nacional Portugal Continental IFN5, 2005–2006. Autoridade Florestal Nacional, Lisboa	AFN

13. Ensaios experimentais e redes de parcelas permanentes

Coordenador da rede de parcelas permanentes do CEF / ISA sobre cultura de sobreiro e sobreiro.
• Primeiras parcelas estabelecidas em 1996
• Estandes juvenis (44 parcelas ativas) e adultos (30 parcelas ativas) em toda a área de distribuição da espécie em Portugal

Coordenador dos ensaios experimentais CEF / ISA em
• o efeito da invasão de arbustos e práticas alternativas de gestão no crescimento anual da árvore e da cortiça (Paulo et al 2017)
• resposta da árvore ao desbaste de plantios em florestas de sobreiros de alta densidade (Faias et all working paper)
• o efeito do aumento da intensidade de descascamento no crescimento da árvore e da cortiça (Paulo e Tomé 2017)

14. Línguas

Língua	Compreenção		Conversação		escrita
	Ouvir	ler	Interação	Conversação	
Inglês	C2	C2	C2	C2	C2
Francês	A2	A2	A2	A2	A1
Espanhol	B2	B2	B2	B2	A2

Lisboa, Fevereiro 2024

Joana Amaral Paulo