

CURRICULUM VITAE OF VANDA ACÁCIO

1. PERSONAL INFORMATION AND CURRENT POSITION

Full name: Vanda Cristina de Carvalho Acácio

Date and place of birth: 1st December 1971, Lisbon

E-mail: vandacacio@gmail.com

Assistant researcher at Centro de Ecologia Aplicada “Prof. Baeta Neves” Instituto Superior de Agronomia, Universidade de Lisboa (CEABN - Centre for Applied Ecology/InBIO Associate Laboratory, School of Agriculture, University of Lisbon)

Tapada da Ajuda 1349-017 Lisboa, Portugal

2. ACADEMIC DEGREES

2009, PhD in Forest Ecology and Forest Management, Centre for Ecosystem Studies, Wageningen University, The Netherlands

1996, Degree in Forestry Engineering and Natural Resources, Instituto Superior de Agronomia, Universidade Técnica de Lisboa (School of Agriculture, University of Lisbon, Portugal)

3. RESEARCH AREAS

Forest ecology and management, Mediterranean forest ecosystems, Landscape ecology and dynamics, Mediterranean oak natural regeneration, Fire ecology, Agroforestry systems, Global change and ecological resilience

4. SCIENTIFIC, TECHNOLOGICAL AND ACADEMIC PRODUCTION

4.1. SCIENTIFIC PUBLICATIONS

Peer-reviewed journals and book chapters (impact factor and number of citations Google Scholar between parentheses)

Acácio V., Dias F.S., Catry, F.X., Bugalho, M., Moreira F. **2021**. *Canopy cover loss of Mediterranean oak woodlands: long-term effects of management and climate*. Ecosystems doi: 10.1007/s10021-021-00617-9 (**4.207**)

Ritsche J., Katzensteiner K., **Acácio V.** **2021**. *Tree regeneration patterns in cork oak landscapes of Southern Portugal: the importance of land cover type, stand characteristics and site conditions*. Forest Ecology and Management 486: 118970 doi.org/10.1016/j.foreco.2021.118970 (**3.170**)

Marañón, T., Pérez-Ramos, I.M., Villar, R., **Acácio, V.**, Aranda, I, Camarero, J.J., de la Riva E.G., Domínguez M.T., Fernández-Rebollo P., Quero J.L., Ramírez-Valiente J.A., Rodríguez-Calcerrada J., Valbuena-Carabaña, M. **2020**. *Iberian oaks coping with global change: ecological processes and management strategies*. In: Steffensen, B.J. (ed.), *Quercus: classification, ecology and uses*. Nova Science Publishers, Inc. Chapter 1, pp 1-84.

Ascoli, D., Barbati, A., Colónico, M., Tomao, A., Colaço, C., **Acácio, V.**, Sequeira, A.C., Serra, M., Plana, E. **2020**. *Soluzioni intelligenti per la prevenzione integrata degli incendi. - Esempi operativi raccolti nell'ambito del progetto PREVAIL*. Rivista Forestale Sherwood. Dossier Prevenzione degli incendi boschivi, pp. 33-37 <https://www.compagniadelleforeste.it/publicazioni-cdf.html?download=43:sherwood-foreste-ed-alberi-oggi-n-247-tecnico-pratico-n-148>.

Plana, E; Serra, M; Barbati, A; Colónico, M; Tomao, A; Colaço, C; **Acácio, V**; et al. **2020** Soluciones inteligentes para la prevención de incendios forestales", Rivista incendios y Riesgos naturales, pp 69-71. <http://revistarirn.org/>.

Dias, S., **Acácio, V.** Bifulco, C., Rego, F. **2019**. *Improving drought preparedness in Portugal*. In: Iglesias, A., Assimacopoulos, D., Van Lanen, H.A.J. (eds.), Drought: Science and Policy. John Wiley & Sons Ltd, Chapter 3.10, pp 183-199.

Acácio, V., Dias, F.S., Catry, F.X., Rocha, M., Moreira, F. **2017**. *Landscape dynamics in Mediterranean oak forests under global change: understanding the role of anthropogenic and environmental drivers across forest types*. Global Change Biology 23:1199-1217. **(8.997; 43 citations)**

Stahl, K., Kohn, I., Blauhut, V., Urquijo, J., De Stefano, L., **Acácio, V.**, Dias, S., Stagge, J. H., Tallaksen, L. M., Kampragou, E., Van Loon, A. F., Barker, L. J., Melsen, L. A., Bifulco, C., Musolino, D., de Carli, A., Massarutto, A., Assimacopoulos, D., and Van Lanen, H. A. J. **2016**. *Impacts of European drought events: insights from an international database of text-based reports*. Natural Hazards and Earth System Sciences 16:801-819. **(2.281; 105 citations)**

Sánchez-González, M., Gea-Izquierdo, G., Pulido, F., **Acácio, V.**, McCreary, D., Cañellas, I. **2015**. *Restoration of open oak woodlands in Mediterranean ecosystems of Western Iberia and California*. In: Stanturf J.A. (ed.), Restoration of Boreal and Temperate Forests, CRC Press, Boca Raton, Chapter 19, pp 377-399.

Acácio, V., Holmgren, M. **2014**. *Pathways for resilience in Mediterranean cork oak land-use systems*. Annals of Forest Science 71:5-13. **(2.357; 49 citations)**

Acácio, V., Holmgren, M., Moreira, F., Mohren, G. M.J. **2010**. *Oak Persistence in Mediterranean Landscapes: The Combined Role of Management, Topography, and Wildfires*. Ecology and Society 15 (4): 40. **(3.256; 27 citations)**

Acácio, V. Holmgren, M., Rego, F., Moreira, Mohren, G.M.J. **2009**. *Are drought and wildfires turning Mediterranean cork oak forests into persistent shrublands?* Agroforestry Systems 76: 389-400. **(1.201; 157 citations)**

Catry, F., Moreira, F., Duarte, I., **Acácio, V.** **2009**. *Factors affecting post-fire crown regeneration in cork oak (*Quercus suber L.*) trees*. European Journal of Forest Research 128: 231-240. **(2.409; 45 citations)**

Moreira, F., Catry, F., Duarte, I., **Acácio, V.**, Sande Silva, J. **2009**. *A conceptual model of sprouting responses in relation to fire damage: an example with cork oak (*Quercus suber L.*) trees in Southern Portugal*. Plant Ecology 201: 77-85. **(1.759; 59 citations)**

Acácio, V. Holmgren, M., Jansen, P., Schrotter, O. **2007**. *Multiple recruitment limitation causes arrested succession in Mediterranean cork oak systems*. Ecosystems 10: 1220-1230. **(4.207; 163 citations)**

Moreira, F., Duarte, I., Catry, F., **Acácio, V.** **2007**. *Cork extraction as a key factor determining post-fire cork oak survival in a mountain region of southern Portugal*. Forest Ecology and Management 253: 30-37. **(3.169; 72 citations)**

4.2. CONFERENCE PROCEEDINGS

2019, Acácio, V., Dias, F.S., Catry, F.X., Bugalho, M., Moreira, F. *Long-term dynamics of canopy cover in Mediterranean evergreen oak woodlands reveals a degradation trend determined by management and climate*. 15th EEF - European Ecological Federation Congress. Ecology across borders. Embedding ecology in sustainable development goals. Book of abstracts, pp 493. 29th July-2nd August, Lisbon, Portugal.

2018, Acácio, V., Dias, F.S., Catry, F.X., Bugalho, M., Moreira, F. *Long-term canopy cover dynamics shows decreased resilience of evergreen oak woodland landscapes in Portugal*. In: Botequilha-Leitão A., Duarte I.M., Gomes da Silva P., Fernandes J. *et al.* (Eds.) IV Conferência Ibérica de Ecologia da Paisagem 2018. Landscape as model and infrastructure for societies' adaptation to global change. Book of abstracts, pp 46-49. Universidade do Algarve, Faro, Portugal.

2016, Acácio, V., Dias, F., Catry, F., Moreira, F. *Landscape dynamics in Mediterranean oak forests under global change: the role of anthropogenic and environmental drivers across species*. In: Universidade de Évora, Universidad de Extremadura, ICAAM, IUFRO (Eds.). World Congress Silvo-Pastoral Systems 2016. Silvo-pastoral systems in a changing world: functions, management and people. Book of abstracts, pp: 34. Évora, Portugal.

2015, Acácio, V., Moreira, F., Dias, F., Catry, F.X. *Global change effects on the dynamics of Mediterranean oak forests: disentangling the role of anthropogenic and environmental drivers across species*. In: CIBIO-InBIO (Ed.). TIBE 2015, Global biodiversity change – from genes to ecosystems. Book of abstracts, pp: 21 Vairão (Porto), Portugal.

2011, Acácio, V. *Pathways for resilience in Mediterranean cork oak land-use systems in Portugal*. In: Conference Organising Committee (Ed.). International Mediterranean Ecosystems Conference - MEDECOS XII: Linking Science to Resource Management. Book of abstracts, pp: 7. Los Angeles, USA.

2010, Acácio, V. *Landscape dynamics in the cork oak montado: role of biophysical and social variables*. In: Azevedo, J.C., Feliciano, M., Castro, J., Pinto, M.A. (Eds). IUFRO Landscape Ecology Working Group International Conference. Forest Landscapes and Global Change. New frontiers in Management, Conservation and Restoration. Book of abstracts, pp: 71-72. Bragança, Portugal.

2007, Acácio, V., Holmgren, M., Jansen, P.A., Moreira, F., Rego, F., Mohren, F. *Fire, drought and recruitment limitation explain arrested succession in Mediterranean cork oak systems*. In: Rokich D, Wardell-Johnson Yates C, Stevens J, Dixon K, McLellan R, Moss G (Eds.) International Mediterranean Ecosystems Conference - MedEcos XI. Book of abstracts, pp: 1-2. Perth, Australia.

2006, Moreira F, Duarte I, Duarte R, Catry F, Acácio V. *Factors that affected post-fire mortality of cork oak in Serra do Caldeirão*. In: ISDA – SCD (Eds.) Resumos do Seminário Ibérico Desertificação: Clima, Perda de Solo e Fogo. Loulé, Portugal.

2005, Acácio, V. *The dynamics of cork oak systems in Portugal: the role of ecological and land use factors*. In: European International Association for Landscape Ecology (IALE) Conference. Landscape Ecology in the Mediterranean: inside and outside approaches. Book of abstracts, pp: 59. Faro, Portugal.

4.3. ORAL AND POSTER PRESENTATIONS

2021, Almeida, P., Santos, E.S., Arán, D., Acácio, V., Duarte, I., Lerma, V., Rego, F. *Temporal evolution of C stock in soils from the cork oak forest in a post-fire scenario*. European Geosciences Union (EGU) General Assembly 2021, 19-30 April, Vienna, Austria, online (oral presentation). <https://doi.org/10.5194/egusphere-egu21-16106>.

2021, Acácio, V., Ritsche, J. *Oak landscape dynamics and tree regeneration in Portugal: studies across scales*. Online Seminar Series 2021, 25th March, Institute of Forest Ecology, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria, online (oral presentation by invitation).

2020, Sequeira, C., **Acácio, V.**, Rego, F., Colaço, C. *Soluções “inteligentes” na gestão de combustíveis em Portugal*. IV International Congress on Education, Environment and Development (Congresso Internacional Educação, Ambiente e Desenvolvimento), 11th-14th November, Escola Superior de Educação e Ciências Sociais, Politécnico de Leiria, Portugal, online (poster presentation)

2020, **Acácio, V.**, Dias, S., Bugalho, M. *CEABN: fostering applied ecological research and environmental education under climate change*. National Congress on Climate Change Research (Encontro Nacional sobre Investigação em Alterações Climáticas), 17th-18th February, Lisbon Portugal. (poster presentation)

2019, **Acácio, V.**, Dias, F.S., Catry, F.X., Bugalho, M., Moreira, F. *Long-term dynamics of canopy cover in Mediterranean evergreen oak woodlands reveals a degradation trend determined by management and climate*. 15th EEF - European Ecological Federation Congress. Ecology across borders. Embedding ecology in sustainable development goals, 29th July-2nd August, Lisbon, Portugal. (oral presentation)

2017, Guest lecturer on “Management, dynamics and restoration of cork oak and holm oak montados and woodlands in Portugal” for the course Management and conservation of vegetation and agroforestry systems, Master Degree in Forestry Engineering and Natural Resources, 29th November, School of Agriculture, University of Lisbon, Lisbon. (oral presentation by invitation)

2016, Guest lecturer on “Landscape dynamics in Mediterranean oak forests under global change: understanding the role of anthropogenic and environmental drivers across forest types. Seminars CEF/CEABN, 16th November, School of Agriculture, University of Lisbon, Lisbon. (oral presentation by invitation)

2015, **Acácio V.** *Landscape dynamics across species in Mediterranean oak forests: anthropogenic versus environmental drivers*. ICCB 2015 – 27th International Congress for Conservation Biology/4th European Congress for Conservation Biology, 2nd-6th August, Montpellier, France. (poster presentation)

2013, Guest lecturer on “Pathways for resilience in cork oak land use systems in Portugal: the role of ecological and land use factors”. Environment Workshops Oak forests coping with global change: ecology and management, 30th September-2nd October, UNIA (International University of Andalusia), Baeza (Jaén), Spain. (oral presentation by invitation)

2013, Bifulco C., Dias, S. **Acácio, V.**, Aguiar Pinto, P., Rego, F. Relationships between drought and crop production in Portugal. 8th International Conference of EWRA. "Water Resources Management in an Interdisciplinary and Changing Context". Porto, Portugal, 26th-29th June 2013. (oral presentation)

2013, Rego F, **Acácio V**, Dias S, Rocha M, Bifulco C. Drought environmental impacts: analysis, correlations between wildfire risk, burned area, precipitation and temperature. General Assembly of Project “Drought-R&SPI-Fostering European Drought Research and Science-Policy Interfacing”, Milan, Italy. (oral and poster presentation)

2012, Rego F., **Acácio, V.**, Dias S. Guest lecturers on “Drought R&SPI: Assessing drought impacts in Portugal under a European framework.” Workshop Drought in a Changing Climate – an overview. Portuguese Meteorological and Geophysical Association, 16th November, Algés, Portugal. (oral presentation by invitation)

2012, Rego F., **Acácio, V.** Guest lecturers on “Climate change and forest fires.” 2nd meeting of the thematic group “Forests” for the National Strategy for Adaptation to Climate Change, 20 March, Ministry of Agriculture, Sea, Environment and Spatial Planning, Lisbon, Portugal. (oral presentation by invitation)

2012, **Acácio, V.**, Dias S., Rego F., Bifulco C. *Assessing future drought impacts and vulnerability through scenario analysis in Portugal under DROUGHT- R&SPI*. III National Congress on Climate Change - CLIMA 2012, FCT-UNL, 1st-2nd June, Costa da Caparica, Portugal. (poster presentation)

2012, Dias, S., **Acácio, V.**, Rego, F., Bifulco, C. *Assessing drought impacts on biodiversity of European rivers and reservoirs under DROUGHT:R&SPI*. Congress of the Iberian Association of Limnology - Limnologia 2012, University of Minho, 2nd-6th July, Guimarães, Portugal. (poster presentation)

2011, Acácio, V. *Pathways for resilience in Mediterranean cork oak land-use systems in Portugal.* MEDECOS XII. The International Mediterranean Ecosystems Conference. 6th–9th September, Los Angeles, USA. (oral presentation)

2010, Acácio, V. *Landscape dynamics in the cork oak montado: role of biophysical and social variables.* IUFRO Landscape Ecology Working Group International Conference. Forest Landscapes and Global Change. New frontiers in Management, conservation and restoration. 21st-24th September, Bragança, Portugal. (oral presentation)

2007, Acácio, V. *Fire, drought and recruitment limitation explain arrested succession in Mediterranean cork oak systems.* MEDECOS XI. The International Mediterranean Ecosystems Conference. 2nd–5th September, Perth, Australia. (poster presentation)

2006, Moreira, F., Duarte, I., Catry, F., Acácio, V. *Factors that affect post-fire mortality of cork oak in Serra do Caldeirão.* Iberian Seminar: Desertification - Climate, Soil Loss and Fire. Loulé, Portugal. (oral presentation)

2006, Moreira, F., Acácio, V., Catry, F. *The effects of fire on cork oak.* The vitality of cork oak and holm oak stands. Current situation, state of knowledge and actions to take. Évora, Portugal. (oral presentation)

2005, Acácio, V. *How resilient are Mediterranean cork oak forests? Fifty-year dynamics in southern Portugal.* European Congress of the International Association for Landscape Ecology: Landscape Ecology in the Mediterranean. Inside and outside approaches. Faro, Portugal. (oral presentation)

2002, Acácio, V., Marques, A., Martins, H. *Planning and concerted management of cork oak areas. Application of decision support systems.* 1.º Colóquio sobre a Flora e a Fauna dos Montados. 27th-29th September, Grândola, Portugal. (oral presentation)

2002, Acácio, V. *Assessment of local level sustainable management for the cork oak agro-forestry system in Portugal.* Annual meeting of the Graduate School for Production Ecology and Resource Conservation. Wageningen, The Netherlands. (poster presentation)

4.4. PARTICIPATION IN RESEARCH PROJECTS

2019-2022, Participation in the European Project ***REMAS - Risk Management of greenhouse gases emissions from forest fires*** (Program INTERREG V-B SUDOE SOE3/P4/E0954)

Member of the research team in representation of Portugal: technical co-coordination, report writing and knowledge exchange with partners from Spain and France

2019-2021, Participation in the European Project ***RECIPE - Reinforcing civil protection capabilities into multi-hazard risk assessment under climate change*** (UNION CIVIL PROTECTION MECHANISM, Directorate General for European Civil Protection and Humanitarian Aid Operations – ECHO)

Member of the research team in representation of Portugal

2019-2021, Participation in the European Project ***PREVAIL - Prevention action increases large fire response preparedness*** (UNION CIVIL PROTECTION MECHANISM, Directorate General for European Civil Protection and Humanitarian Aid Operations – ECHO)

Member of the research team in representation of Portugal: technical co-coordination, report writing and knowledge exchange with partners from Spain and France

2011-2014, Participation in the Spanish research project ***ANASINQUE - Comparative analysis and synthesis of patterns of natural regeneration, decay and distribution of Quercus species: resilience and global change.*** Coordinated by IRNAS-CSIC, Spanish Research Council, Seville, Spain, funded by Junta de Andalucía (PGC2010-RNM-5782)

Invited member of the research team, in representation of Portugal: collaboration and knowledge exchange with experts in Mediterranean oak ecology and management (from 11 research centres in Spain, Portugal and Mexico), through workshops, meetings and joint publications.

2011-2012, Participation in the EU project *DROUGHT-R&SPI - Fostering European drought research and science-policy interfacing* (FP7-ENV-2011).

Member of the research team in representation of case-study Portugal: technical co-coordination, report writing and knowledge exchange with European experts on drought research and climate change through workshops, meetings and joint publications (combined research from six case study areas in water-stressed regions at national and river basin scales with drought analyses at the pan-European scale).

2011-2012, Participation in the research project *FIRELAND - Wildfire effects on the vegetation dynamics at the landscape scale in Portugal* (PTDC/AGR-CFL/104651/2008).

Member of the research team.

2007, Participation in the research project *PHOENIX - Forest conversion in burned areas* (POCTI/AGR/58896/2004).

Member of the research team.

2006, Participation in the research project *Vegetation various criterion management in cork oak forest landscapes of the Algarve uplands for fire hazard mitigation, socio-economic development and biodiversity conservation* (AGRO 458).

Member of the research team.

2005-2006, Participation in the EU research project *RECOFORME - Structuration de réseaux et d'actions de coopération sur la forêt méditerranéenne* (Structuring networks and cooperation actions on Mediterranean forest) (Interreg IIIB-Medoc).

Coordination of the Portuguese participation.

4.5. SCIENTIFIC REPORTS, TECHNICAL REPORTS AND DISSEMINATION

2020, Video documentary on smart solutions for fire prevention, PREVAIL project. Casting Director: Sequeira, C., Colaço, C., **Acácio, V.** Photography: Teixeira, J, Azevedo, J.. Acknowledgments: Loureiro C., Brotas G. - ACHLI, Iberian Wolf Habitat Conservation Association; Ribeiro M. - Raízes In, Raízes Independentes; Marques P. - REN, Redes Energéticas Nacionais

2016, Acácio, V. *Global change and the dynamics of Mediterranean oak forests*, Efimed NEWS, European Forest Institute (divulgarion article on the paper published as first author in Global Change Biology).

2013, Massarutto, A., Musolino, D., Pontoni, F., De Carli, A., Senn, L., De Paoli, L., Rego, F.C., Dias, S., Bifulco, C., **Acácio, V.**, Andreu, J., Assimacopoulos, D., Ayala, L.M., Gad, F., Monteagudo, D.H., Kampragkou, E., Kartalides, A., Paredes, J., Solera, A., Seidl, I. *Analysis of historic events in terms of socio-economic and environmental impacts*. DROUGHT-R&SPI Technical Report No 9.

2012, Stahl, K., Blauhut, V., Kohn, I., **Acácio, V.**, Assimacopoulos, D., Bifulco, C., De Stefano, L., Dias, S., Eilertz, D., Freilingsdorf, B., Hegdahl, T.J., Kampragou, E., Kourentzis, E., Melsen, L., Lanen, H.A.J. van, Loon, A.F. van, Massarutto, A., Musolino, D., De Paoli, L., Senn, L., Stage, J.H., Tallaksen, L.M., Urquijo, J. *A European drought impact report inventory (EDII): Design and test for selected recent droughts in Europe*. DROUGHT-R&SPI Technical Report No 3.

2012, De Stefano, L., Reguera, J.U., **Acácio, V.**, Andreu, J., Assimacopolus D., Bifulco C., De Carli, A., De Paoli, L., Dias, S., Gad, F., Monteagudo, D.H., Kampragou, E., Keller, Lekkas, D., Manoli, E., Massarutto, A., Ayala, L.M., Musolino, D., Arquiola, J.P., Rego, F., Seidl, I., Senn, L., Solera, A.S., Stathatou, P., Wolters, W. *Policy and drought responses – Case study scale*. DROUGHT-R&SPI Technical Report No 4.

2012, Acácio, V., Colaço, C. *A educação ambiental e as florestas*. Revista Mond-Ego. Património, Educação Ambiental, Museologia 1(1): 38-46.

2008, Acácio, V. (coord) *et al.* AFLOPS. *Forest fire prevention and management Plan for the Municipality of Vendas Novas*. Volumes I and II.

2007, Acácio, V. (coord) *et al.* AFLOPS. *Forest fire prevention and management Plan for the Municipality of Seixal*. Volumes I and II.

2007, Acácio, V. (coord) *et al.* AFLOPS. *Forest fire prevention and management Plan for the Municipalities of Palmela, Setúbal and Sesimbra*. Volumes I and II.

2006, Moreira F, Catry F, Duarte I, Duarte R, Alvarez R, Morgado R, Oliveira A, **Acácio V.** *Factors that affected post-fire survival of cork oak in Serra do Caldeirão*. Project RECOFORME, INTERREG III-B, ISA/CEABN, DGRF.

2001, Acácio, V., Marques, F. *et al.* Silviconsultores. Technical forestry handbooks: eucalypt, maritime pine and cork oak. Portuguese Association of Forest Producers.

2000, Machado, C. (coord), **Acácio, V.,** Terra, R. *et al.* Silviconsultores. Bravura watershed management plan (Algarve, southern Portugal). Water Institute, Ministry of Environment; Volumes I, II and III.

4.6. RECOGNITION FROM INTERNATIONAL SCIENTIFIC COMMUNITY

Participation in Editorial Boards

2020-2021: Guest Editors (leading editor Vanda Acácio, coeditors Filipe X. Catry and Miguel Bugalho) for the Special Issue “Conservation and restoration of Mediterranean oak forests: biodiversity and ecosystem services” for the journal *Forests*.

Peer-reviewing for scientific journals

2021: International Journal of Disaster Risk Reduction, Plant and Soil

2017-2020: PLOS ONE; Land Degradation & Development; International Forestry Review; Annals of Forest Science; Journal of Biogeography; Diversity and Distributions, Acta Oecologica, Plant Ecology

2016: Ecosystems; Forest Ecology and Management; Journal of Applied Ecology; Perspectives in Plant Ecology, Evolution and Systematics

2009-2015: Ecosphere; Ecosystems; Forest Ecology and Management; European Journal of Forest Research, International Journal of Forestry Research; Global Change Biology

Participation in scientific committees

2019, Expert Reviewer for the Second Order Draft of the Intergovernmental Panel on Climate Change (IPCC) Special Report on Climate Change and Land (SRCCL). Revision of the chapter on Land degradation (by invitation). IPCC Working Group III Technical Support Unit.

2014, Member of the jury for the defense of the PhD thesis of Beatriz Ibáñez Moreno entitled “Processes involved in the regeneration of mixed Mediterranean forests affected by decline”, Universidad Pablo de Olavide, Seville, Spain.

2012, Participation in the EU scientific workshop on Disasters: heat waves, droughts and forest fires, European Commission, Brussels, Belgium.

2012, Participation in the 1st Pan-EU Drought Dialogue Forum, EU 7th Framework Program, Nicosia, Cyprus.

4.7. POSTGRADUATE SUPERVISION AND TEACHING ACTIVITIES

2017/-, Teaching assistant for the MSc course Applied Landscape Ecology, Master Degree in Landscape Architecture (2nd semester), School of Agriculture, University of Lisbon, Portugal

2018/-, Supervision of the PhD thesis of Luís Lopes on “Efficiency of public environmental measures in post fire restoration of oak woodlands in Portugal” School of Agriculture, University of Lisbon, Portugal (ongoing).

2019-2020, Co-supervision of the Master thesis of Edoardo Esposito on “Cork oak decline in Southern Portugal: spatial patterns and factors associated to tree mortality”, supervised by Prof. Milena Holmgren, Wageningen University, The Netherlands (defended in 10th December 2020). Edoardo Esposito was awarded the Willem Barents Award for Best Master thesis fieldwork of 2020 at the Wildlife Ecology and Conservation Group, Wageningen University.

2018, Teaching assistant for the MSc course Management and Conservation of Vegetation and Agroforestry Systems, included in several Master Degrees (1st semester), School of Agriculture, University of Lisbon, Portugal

2017-2018, Co-supervision of the Master thesis of Julia Ritsche on “Regeneration dynamics in Mediterranean mixed oak forests”, with field work in southern Portugal, supervised by Prof. Klaus Katzensteiner, University of Natural Resources and Life Sciences (BOKU), Vienna, Austria (defended in 22nd November 2018)

4.8. SERVICES TO SCIENTIFIC COMMUNITY AND SOCIETY

2012, Organization and participation on the case-study workshop on impacts, vulnerability and responses to droughts in Portugal, with knowledge exchange among national stakeholders (e.g. industry, governmental entities, energy, water, universities), for the EU project DROUGHT-R&SPI, Lisbon, Portugal

2010, Extension activities with private landowners, to promote the creation and management of ZIFs (*Zonas de Intervenção Florestal*) in central Portugal, for Silviconsultores SA

2005-2006, Preparation and coordination of field visits and workshops in Portugal (Algarve) with private landowners and non-governmental organizations (NGOs), to disseminate scientific knowledge to landowners and exchange information on management of cork oak woodlands, for Project Interreg IIIB-Medoc RECOFORME

2005, Organization and coordination of congress field visit to Serra do Caldeirão, Algarve, including visit to experimental study sites and presentation of ongoing research, for the European Congress of the International Association for Landscape Ecology (IALE): *Landscape Ecology in the Mediterranean. Inside and outside approaches*. Faro, Portugal.

4.9. MEMBERSHIP AND POSITION IN NATIONAL/INTERNATIONAL SCIENTIFIC SOCIETIES

2020-present, President of the Audit Board of the Portuguese Association of Landscape Ecology

2020-present, Member of IALE (International Association of Landscape Ecology) and APEP (Portuguese Association of Landscape Ecology)

2019-present, Member of the Portuguese Society for Ecological Restoration

2012-present, Member of the National Commission of the United Nations Program to Combat Desertification - National Forest Authority, Ministry of Agriculture, Sea, Environment and Spatial Planning (Comissão Nacional de Coordenação de Combate à Desertificação, CNCD-AFN/ICNF).

2007-present, International advisory committee member of ISOMED (International Society for Mediterranean Ecology), with the following activities: vice-president of the general-assembly in 2007-2011, compilation of society bylaws, participation in international meetings, promotion of knowledge exchange among members.

5. PROFESSIONAL EXPERIENCE AND CONSULTANCY

2010, Consultant for National Forest Authority (Autoridade Florestal Nacional-AFN), in collaboration with CEABN-ISA, for the development of a proposal for the evaluation and restoration of burned areas in central Portugal.

2010, Consultant for Matos, Fonseca & Associados, Estudos e Projectos, Lda (private company), for the forest fire prevention and management plan for the district of Lisbon.

2008-2010, Consultant and project manager for Silviconsultores, Ambiente e Recursos Naturais, SA (private company), with implementation of FSC chain of custody certification in Portugal (secondary processing), implementation of FSC and PEFC forest management certification for ZIFs (*Zonas de Intervenção Florestal*), development of forest management plans for private landowners, and video production for an ethnographic study in northern Portugal, with implementation of nature tracks.

2007-2008, Consultant and project manager for AFLOPS (Association of Forest Producers) for forest fire prevention and management plans for several municipalities in the district of Setúbal.

2008-2010, Member of FSC (Forest Stewardship Council) National Initiative for the development of national standards and procedures for the certification of Portuguese forests.

1996-2001, Project manager and member of project team at Silviconsultores - Ambiente e Recursos Naturais, Lda (private company). Participation and coordination of forest management plans, forest fire prevention plans and watershed management plans.

6. PRIZES AND FELLOWSHIPS

2012-2018, Postdoctoral fellowship granted by the Portuguese Foundation for Science and Technology (FCT), hosted by CEABN, School of Agriculture, University of Lisbon (Portugal) and co-hosted by IRNAS-CSIC, Seville (Spain).

2008, National prize “*Ideias Verdes - Fundação Luso-Expresso*”, with the project “*Caprinus & Companhia*”: use of controlled grazing with autochthones goat breeds for the management of forest fuel, in co-authorship.

2002-2006, Doctoral fellowship granted by the Portuguese Foundation for Science and Technology (FCT), hosted by Wageningen University (The Netherlands) and co-hosted by CEABN, School of Agriculture, University of Lisbon (Portugal).

7. LANGUAGES

Portuguese: native speaker

English: fluent, with experience

Spanish: good

French: elementary

Lisbon, April 2021



(Vanda Cristina de Carvalho Acácio)