

CURRICULUM VITAE



Albano Augusto Figueiredo Rodrigues

Auxiliary Professor

Department of Geography

Faculty of Humanities – University of Coimbra

geofiguc@gmail.com

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1. PERSONAL DATA

Full name	Albano Augusto Figueiredo Rodrigues
Birth place and date	Chaves, 23th of December of 1978
Nationality	Portugal
Institutional address	Departamento de Geografia, Faculdade de Letras Universidade de Coimbra Praça da Porta Férrea 3004-530 Coimbra, Portugal Tel.: (+351) 239859900 (ext. 326) E-mail: geofiguc@gmail.com Website: http://apps.uc.pt/mypage/faculty/geofig

2. ACADEMIC DEGREES

2013 - PhD in Geography – Faculty of Humanities - University of Coimbra

2005 - MSc in Geography (Physical Geography and Environmental Studies) –
Faculty of Humanities University of Coimbra

2001 – Degree in Geography - Faculty of Humanities – University of
Coimbra

3. PAST AND CURRENT SCIENTIFIC/PROFESSIONAL ACTIVITIES

PERIOD	POSITION OR CATEGORY	INSTITUTION
Since 2013	Auxiliary Professor at the Department of Geography	Faculty of Humanities University of Coimbra
2011-2013	Assistant dean for the Department of Geography	Faculty of Humanities University of Coimbra
2005 - 2013	Assistant Professor at the Department of Geography	Faculty of Humanities University of Coimbra
Since 2007	Researcher at the Centre for Studies in Geography and Spatial Planning	Faculty of Humanities University of Coimbra
2005 - 2007	Board member for the Department of Geography	Faculty of Humanities University of Coimbra
2002 - 2005	Trainee Assistant Professor at the Department of Geography	Faculty of Humanities University of Coimbra

4. AREA OF SCIENTIFIC ACTIVITY

- Physical Geography and Environmental Studies
- Phytogeography
- Ecology
- Phytosociology

5. RESEARCH INTERESTS

- Ecological modelling
- Species distribution modelling
- Climate change impacts on biodiversity
- Alien invasive species
- Vegetation dynamics
- Land use change
- Biodiversity of Macaronesian islands

6. PARTICIPATION IN RESEARCH PROJECTS

6.1. Ongoing projects

Vegetação Natural da Ilha da Madeira: distribuição atual a partir de produtos de sensoriamento remoto (Natural vegetation at Madeira Island: current distribution from remote sensing) (2013 - 2015), Universidade dos Açores, Universidade de Coimbra and Universidade da Madeira.

Dinámica histórica del paisaje de la laurisilva en espacios protegidos. Análisis comparativo (Historical dynamics of laurel forests within natural reserves. Comparative analysis) (CSO2012-32954) (2013-2016). Ministerio de Economía y Competitividad (MINECO), Gobierno de España.

6.2. Past projects

Project EARAM – *Estudo de Avaliação do Risco de Aluvião na Ilha da Madeira* (Flooding risk assessment at Madeira Island (2010/2011). Secretaria Regional do Equipamento Social, Região Autónoma da Madeira, Portugal.

Project *Alterações no uso do solo no interior Norte e Centro de Portugal* (Land use changes on North and Centre inland Portugal) (POCTI/GEO/49371/2002) (2003-2007), Fundação para a Ciência e a Tecnologia.

7. PRIZES / SCOLARSHIPS

Scholarship by ERASMUS Teaching Programme - May of 2013. Host Institution: Department of Geography, University of La Laguna (Tenerife, Spain).

Scholarship by ERASMUS Teaching Programme - April of 2011. Host Institution: Department of Geography, University of La Laguna (Tenerife, Spain).

PhD scholarship by Fundação para a Ciência e a Tecnologia - 2007/2010.

MSc scholarship by Tokyo Foundation - Syllff fellow - 2005 .

Prize: Prémio Fundação António José de Almeida, 2001.

8. PUBLICATIONS:

8.1. Thesis

FIGUEIREDO, A. (2013). *Assessing climate change impacts on flora and vegetation at Madeira Island*. PhD thesis, University of Coimbra, Coimbra, 354 pp.

FIGUEIREDO, A. (2005). *Vegetação natural potencial num contexto de elevada perturbação: o caso da depressão de Chaves*. MSc thesis, University of Coimbra, Coimbra, 184 pp.

8.2. Books

ALMEIDA, A. C., NUNES, A., **FIGUEIREDO, A.** (2009). Mudanças no Uso do Solo no interior Centro e Norte de Portugal. Imprensa da Universidade de Coimbra, 99 pp.

FIGUEIREDO, A. (2008). *Calheta. Património Natural (Natural Patrimony)*. Col. Natura Naturata, Imprensa da Universidade de Coimbra, Coimbra, 123 págs.

8.3. Book chapters

NUNES, A., **FIGUEIREDO, A.** & ALMEIDA, A. C. (2013). Changes in composition and threats to the sustainable management of woodlands in Portugal. In LAZARO MANZANARES (ed.), woodlands: structure, species diversity and sustainable management. Nova Publishers, New York, pp.: 1-42.

ALMEIDA, A. C, NUNES, A. & **FIGUEIREDO, A.** (2012). Mudanças recentes na paisagem portuguesa. In MESSIAS MODESTO DOS PASSOS, LÚCIO CUNHA & RUI JACINTO (Coord.), *As Novas Geografias dos Países de Língua Portuguesa. Paisagens, Territórios e Políticas no Brasil e em Portugal (II)*. Outras Expressões, São Paulo, pp.: 113-135.

8.4. Papers in international periodics with peer review

NUNES, A. N., COELHO, C. O. A., ALMEIDA, A. C. D. & **FIGUEIREDO, A.** (2010). Soil erosion and hydrological response to land abandonment in a central inland area of Portugal. *Land Degradation & Development* 21(3): 260-273.

8.5. Papers in national periodics with peer review

NUNES, A., **FIGUEIREDO, A.**, & ALMEIDA, A. C. (2012). The effects of farmland abandonment and plant succession on soil properties and erosion processes: a study case in centre of Portugal. *Revista de Geografia e Ordenamento do Território* 2, 165-190.

FIGUEIREDO, A.; PUPO-CORREIA, A. & SEQUEIRA, M. M. (2011). Distribuição actual e potencial de espécies do género *Acacia* Mill. (*Fabaceae*) na Ilha da Madeira e implicações para a diversidade florística em contexto de invasão. *Quercetea* (accepted).

FIGUEIREDO, A. (2008). Desempenho de um modelo de máxima entropia na previsão da distribuição do endemismo *Euphorbia piscatoria* na Ilha da Madeira. *Cadernos de Geografia*, 26-27:351-359.

FIGUEIREDO, A. & AGUIAR, C. (2006). Efeitos do abandono em áreas agrícolas marginais: reflexos na dinâmica da vegetação. *Cadernos de Geografia*, 24-25: 67-76.

8.6. Papers in Conference Proceedings

TAVARES, C., SILVA, S., SANTOS, J., PAIVA, L., OLIVEIRA, J., **FIGUEIREDO, A.**, BETTENCOURT, T. (2014) INQUIRE: why teaching about the conservation of biodiversity and climate change? *Proceedings of the EUROGARD VI - SIXTH EUROPEAN BOTANIC GARDENS CONGRESS*, Chios Island, Greece (in press).

FIGUEIREDO, A. (2008). Avaliação de impactes das mudanças climáticas na vegetação natural da Ilha da Madeira. Questões e opções metodológicas. *Proceedings of the CLIMA 08 – 1º Congresso Nacional sobre Alterações Climáticas*, Aveiro. Available at: http://www.apea.pt/xFiles/scContentDeployer_pt/docs/Doc140.pdf

NUNES, A., **FIGUEIREDO, A.**, ALMEIDA, A. C. (2007). Abandono Agrícola no Interior Centro e Norte de Portugal: dinâmica da vegetação e impactes hidrogeomorfológicos. *Actas do VI Congresso da Geografia Portuguesa*, Universidade Nova de Lisboa, Lisboa.

8.7. Other Publications

LOURENÇO, L., GANHO, N., FERREIRA, R., **FIGUEIREDO, A.** (2003). A Geografia e as suas técnicas. In ALMEIDA, A. C., GAMA, A., CRAVIDÃO, F., CUNHA, L. & JACINTO, R. (coord.), *Fragmentos de um retrato inacabado. A Geografia de Coimbra e as metamorfoses de um país*. IEG/CEG, Faculdade de Letras da Universidade de Coimbra, Coimbra, pp.: 53-55.

ALMEIDA, A. C. & **FIGUEIREDO, A.** (2012) Viagem A. Dinâmicas Biofísicas da costa: da Figueira da Foz a Aveiro. Faculdade de Letras, Universidade de Coimbra, 17 págs.

9. COMMUNICATIONS

9.1. Conferences:

2013 - Changing landscapes after abandonment: it is really a window of opportunity for native vegetation? 2nd Annual World Congress of Biodiversity, Ecology and Environment, 25th-27th April, Nanjing.

2013 - *Efectos del cambio climático en la flora endémica de la Isla de Madeira: cambios en la distribución (Climate change impacts on endemic flora at*

Madeira Island: changes on distribution). Facultad de História y Geografía, Universidad de La Laguna, 27th May, La Laguna, Tenerife, Spain.

2011 - *Estratégias de modelação na análise da dinâmica da flora e vegetação (Modelling approaches for the analysis of dynamics of taxa and vegetation types (sintaxa))* – PhD course in Geography - Department of Geography – University of Coimbra, 18th of November.

2011 - *Alterações na distribuição de espécies em cenários de mudança climática na Ilha da Madeira (Changes on distribution under scenarios of climate change on Madeira Island)*. Institute of Geography and Spatial Planning, University of Lisbon, 13th April.

2011 - *Vegetación actual y potencial en la Isla de Madeira: modelos y realidad (Current and potential vegetation at Madeira Island: models and reality)*. Department of Geography, University of La Laguna, Tenerife (Spain), 04th April.

2011 - *Modelos predictivos de invasión: dinámica de especies exóticas arbóreas en la Isla de Madeira y impactes en la biodiversidad (Predictive models for invasion: dynamics of tree exotic species at Madeira Island and impacts on biodiversity)*. Department of Geography, University of La Laguna, Tenerife (Spain), 5th April.

2009 - *Climate Change. Potential Impacts on Flora and Vegetation at Madeira Island*. Jardim Atlântico Hotel, Madeira (Portugal), 18th July.

2009 - *Distribuição de espécies em cenários climáticos actuais e futuros: o uso de modelos predictivos baseados no conceito nicho ecológico (Species distribution under current and future climatic scenarios; the use of predictive models based on the niche concept)*. Department of Geography, University of Coimbra, 27th March.

2009 - *Avaliação de impactes das alterações climáticas na vegetação: o uso de modelos predictivos de distribuição de espécies (Assessing climate change impacts on vegetation using species distribution models)*. Department of Biology – University of Madeira, 9th February.

2007 - *Avaliação de impactes das alterações climáticas na vegetação: pressupostos metodológicos (Climate change impacts on vegetation: methodological assumptions)*. Department of Biology – University of Madeira, 29th November.

9.2. Other oral communications

AROZENA, M. EUGENIA, PANAREDA, JOSEP M. & FIGUEIREDO, A. (2014). *Efectos del incendio de 2012 en el paisaje del Parque Nacional de Garajonay (La Gomera) (Effects of the fire of 2012 on the landscape of the Parque Nacional de Garajonay (La Gomera))*. VIII Congreso Español de Biogeografía, 23-26th September, Sevilla, Spain.

FIGUEIREDO, A., VICENTE, J., ALMEIDA, A. C. & SEQUEIRA, M. M. (2013). *Territórios potenciais das florestas de Laurissilva na Ilha da Madeira: resultados com base em modelos de distribuição de espécies (Suitable territories for the laurel forests of Madeira Island: results based on species distribution models.* IX Encontro Internacional de Fitosociologia, 9th-12nd May, Vila Nova de Gaia, Portugal.

FIGUEIREDO, A., PUPO-CORREIA, & SEQUEIRA, M. M. (2013). *Susceptibilidade à ocorrência de deslizamentos em diferentes tipos de vegetação na Ilha da Madeira (Susceptibility to landslide according the vegetation type at Madeira Island).* VI Congresso Nacional de Geomorfologia, 21st – 22nd February, Coimbra.

FIGUEIREDO, A., VICENTE, J., PUPO-CORREIA, A., ALMEIDA, A. C. & SEQUEIRA, M. M. (2012). *Areas of potential conflict between the laurel forests and invasion by exotic trees at Madeira Island.* FloraMac 2012, organized by the Grupo de Botânica da Madeira – University of Madeira, Funchal, 5th to 8th of September.

FIGUEIREDO, A., SEQUEIRA, M. M. & ALMEIDA, A. C. (2012). *A modelação preditiva no apoio à conservação do património natural: endemismos exclusivos da Ilha da Madeira (The use of predictive modelling too support conservation of natural patrimony: the case of exclusive endemics at Madeira Island).* VII Colóquio de Geografia de Coimbra, organized by the Department of Geography of Coimbra University and CEGOT (Center for Studies on Geography and Spatial Planning), Coimbra, 3rd to 4th of February.

FIGUEIREDO, A., PUPO-CORREIA, A., ALMEIDA, A. C. & SEQUEIRA, M. M. (2011). *Modelos preditivos para a avaliação da expansão de espécies invasoras e extinção de endemismos (Predictive models to evaluate the expansion of alien invasive species and the extinction of endemics).* V Jornadas Florestais da Macaronésia, Organized by the Direcção Regional de Florestas da Secretaria Regional do Ambiente e Recursos Naturais da Região Autónoma da Madeira, Funchal (Portugal), 8th to 11th February.

FIGUEIREDO, A. & SEQUEIRA, M. M. (2010). *Assessing different sources of threat to endemic species at Madeira Island.* International Symposium FloraMac2010, organized by the University of the Azores, Ponta Delgada (Azores), 23rd to 25th of September.

FIGUEIREDO, A. & SEQUEIRA, M. M. (2009). *Diversity, current disturbance and shifts under climate change scenarios for the mediterranean endemic community *Euphorbietum piscatoriae*.* XXII Jornadas Internacionales de Fitosociologia, co-organized by the University of Alicante and CIBIO, Alicante (Spain), 23rd to 27th Setember.

FIGUEIREDO, A., SEQUEIRA, M. M. & ALMEIDA, A. C. (2009). *Impactes das mudanças climáticas na distribuição de espécies endémicas em pequenas ilhas: o caso da Ilha da Madeira (Impacts of climate change on the distribution of endemic species on small islands: the case of Madeira Island).* VII Congresso da Geografia Portuguesa, co-organized by Associação Portuguesa de Geógrafos and the Department of Geography of Coimbra University, Coimbra, 26th to 28th November.

FIGUEIREDO, A. & SEQUEIRA, M. M. (2007). *Project to Protect. Climate change impacts on Pristine Vegetation at Madeira Island.* IX Simpósio da Associação Ibero-Macaronésica de Jardins Botânicos, Department of Botany, University of Coimbra, 1st to 4th June.

9.3. Communication on panel

FIGUEIREDO, A., VICENTE, J., SEQUEIRA, M. M. (2013). *Assessing areas of potential conflict between laurel forests and alien tree invaders at Madeira Island.* 56th International Symposium of the IAVS, Tartu, 26-30th July.

FIGUEIREDO, A. & SEQUEIRA, M. M. (2012). *Modeling the distribution of the laurel forests at Madeira Island: results from a species ensemble forecasting approach.* FloraMac 2012, organized by the Grupo de Botânica da Madeira – University of Madeira, Funchal, 5th to 8th of September.

FIGUEIREDO, A. & SEQUEIRA, M. M. (2010). *Restricted geographic and ecological ranges for endemic plants on islands: the case of *Armeria maderensis* Lowe.* International Symposium FloraMac2010, organized by the University of Azores, Ponta Delgada (Azores), 23rd to 25th September.

9.4. Workshops and intensive courses:

Participant as invited speaker:

2014 - *Calibrating and validating models across scales focused on conservation: building a bridge between theory and reality.* IALE-Europe Thematic Workshop 2014, 4-5th July, Instituto Superior Técnico, Lisboa.

2012 – *How species react to climate change: endemic species at Madeira Island.* Workshop: *Inquire 2012* – Department of Botany - University of Coimbra, 23rd of November.

2012 – *Impactes de mudanças climáticas em hotspots de diversidade: o caso da Ilha da Madeira (Climate change impacts on hotspots of biodiversity: the case of Madeira Island).* Workshop: *Inquire 2011* – Department of Botany - University of Coimbra, 14th of January.

2011 - *Alterações na distribuição de espécies em cenários de mudança climática na Ilha da Madeira (Changes on the distribution of species under scenarios of climate change at Madeira Island).* Workshop: *Biogeography, Bioclimatology e Conservação da Flora e Vegetação dos Arquipélagos Atlânticos no Ano Internacional das Florestas*, organized by the Institute of Geography and Spatial Planning, University of Lisbon, 13th April.

Participant as assistant:

2010 – Workshop - Biogeography, Phylogeography and the International Year of Biodiversity 2010 (a molecular approach). Organized by the CLiMA Research Unit – Centre for Geographical Studies, Institute of Geography and Spatial Planning, University of Lisbon, Portugal.

2009 – Species distribution modeling methods for conservation biologists. American Museum of Natural History’s Center for Biodiversity and Conservation, March 30 - April 3, Southwestern Research Station Portal, Arizona, USA.

2008 – CLIMEX Workshop. Organized by CSIRO, European and Mediterranean Plant Pest Organisation, Museo de Ciencias Naturales, 13 – 16 th October, Museo de Ciencias Naturales, Madrid, Spain.

2007 – Transferable and professional challenges in interdisciplinary global climate research – A summer school for future European research leaders. University of Bergen, 1st – 11th July, Bergen, Norway.

10. LANGUAGES

LANGUAGE	READING	WRITING	CONVERSATION
SPANISH	VERY GOOD	GOOD	VERY GOOD
ENGLISH	VERY GOOD	GOOD	VERY GOOD
FRENCH	GOOD	FAIR	FAIR