



Europass Curriculum Vitae

PERSONAL INFORMATION

First name(s) / Surname(s) **Vera Lúcia Matias Ferreira**
Address(es) CIEO, University of Algarve , Campus de Gambelas, FE, Building 9
8005-139 Faro
Portugal
Telephone(s) +351969819625
E-mail vera.ferreira.85@gmail.com / a25026@ualg.com
Nationality Portuguese
Date of birth 25.08.1985
Gender Female

DESIRED EMPLOYMENT / OCCUPATIONAL FIELD

Environmental Engineer

WORK EXPERIENCE

Dates April 2010 – April 2011
Occupation or position held **Scientific Researcher**
Main activities and responsibilities Research on the PTDC/AAC-AMB/102173/2008 project: Predicting risk of soil degradation associated with biomass production and land-use changes at the Alqueva dam watershed
Name and address of employer University of the Algarve - Research Centre for Spatial and Organizational Dynamics (CIEO)
Type of business or sector Scientific Research Project

EDUCATION

Dates April 2011 onwards
Title of qualification awarded **PhD student of Sciences of the Sea, Earth and Environment**
Principal subjects/occupational skills covered Thesis Title: "Predicting risk of soil erosion at the Alqueva dam watershed".
Name and type of organisation providing education and training University of the Algarve, Faro, Portugal
Dates 2007-2009
Title of qualification awarded **Master's degree in Environmental Engineering**
Principal subjects/occupational skills covered Thesis Title: Assessing the medical waste management practices and associated risk perceptions in Algarve hospitals, Portugal
Classification: 19 (0 to 20)
Name and type of organisation providing education and training University of the Algarve, Faro, Portugal
Level in national classification 17 (0 to 20)

Dates	2003-2007
Title of qualification awarded	Bachelor's degree in Environmental Engineering
Principal subjects/occupational skills covered	Water Resources Management, Soil and Soil Pollution, Air Pollution, Dynamics of Coastal, Environmental Chemistry, Hydrology, Environmental Geology
Name and type of organisation providing education and training	University of the Algarve, Faro, Portugal
Level in national classification	14 (0-20)

TRAINING

Date	5-8 November 2008 (15 hours)
Title	Healthcare waste management
Principal subjects/occupational skills covered	Definition and classification of HW; legislation and management policies; prevention; steps of management; training and awareness; risk perception and risk associated with HW; case studies (hospitals and health centers).
Name and type of organisation providing education and training	Portuguese League for the Nature Protection
Date	October, November and December 2010 and January 2011
Title	Geographic Information Systems (GIS)
Principal subjects/occupational skills covered	Data processing in GIS environment, Mapping and spatial representation; Calculation in GIS, and Agent Based Models.
Name and type of organisation providing education and training	University of the Algarve - Research Centre for Spatial and Organizational Dynamics (CIEO)

RESEARCH GRANTS

Date	1-10 November 2012
Type	STSM (Short Term Scientific Mission) Grant - COST Action ES1104 - Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub.
Title	Sustainable Land Management and Decision Support
Host	Dr Gudrun Schwilch in University of Bern - Centre for Development and Environment (CDE) (Switzerland)
Date	12-16 May 2014
Type	STSM (Short Term Scientific Mission) Grant - COST Action ES1104 - Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub.
Title	Influence of cover crops on soil properties in vineyards and olive groves
Host	Dr Maria Jose Marques, Universidad Autónoma de Madrid, Spain

PUBLICATIONS

Articles in international scientific journal with peer review

1. Ferreira, V., Teixeira, M.R. (2010). Healthcare waste management practices and risk perceptions: Findings from hospitals in the Algarve region, Portugal. *Waste Management*, 30 (12), pp. 2657-2663.
2. Panagopoulos, T., Ferreira, V. (2010). Erosion Risk map of Foupana river watershed in Algarve, Portugal. *WSEAS Transactions on Environment and Development*, 6 (9), pp. 635-644.
3. Ferreira, V., Panagopoulos, T., Cakula, A.(2012). Prediction of seasonal soil erosion risk at the Alqueva Dam watershed, Portugal, *Fresenius Environmental Bulletin*, 22 (7a), pp.1997-2005.
4. Ferreira, V., Panagopoulos, T. (2014) "Seasonality of soil erosion under Mediterranean conditions at the Alqueva dam watershed", *Environmental Management*. DOI 10.1007/s00267-014-0281-3

Articles in national journal

- 1.Ferreira, V., Panagopoulos, T., Predicting Soil Erosion Risk at the Alqueva Dam Watershed, Spatial and Organizational Dynamics – Discussion Papers: Landscape and Land-use Management, N°9, December 2001, pp. 60-80.

Publications in Acts of Conferences:

- 1.Ferreira, V., Teixeira, M.R. (2009). Assessing the medical waste management practices and associated risk perceptions in Algarve hospitals, Portugal. **ISWA/APESB World Congress 2009**, Lisbon, Portugal.
- 2.Panagopoulos, T., Ferreira, V. (2010). Decision support system for erosion risk assessment, **ICS'10 Proceedings of the 14th WSEAS international conference on Systems**, July 2010, Corfu Island, Greece, pp: 76-80. ISBN: 987-960-474-199-1.
- 3.Ferreira, V., Panagopoulos, T. (2010). *Soil Erodibility Assessment at the Alqueva Dam Watershed, Portugal*. **WSEAS/CIEO International Conference on Climate changes, Global Warming, Biological problems**. Faro, Portugal, pp: 112-118. ISBN: 978-960-474-247-9.

4. Panagopoulos, T., Ferreira, V., Jesus, J. (2011). *Determining the relation between soil erodibility and spatial variability of erosion properties using geostatistical techniques at the Alqueva reservoir area*. **EE'11 Proceedings of the 6th IASME/WSEAS international conference on Energy & environment**, Cambridge, UK, pp. 105-110. ISBN: 978-960-474-274-5
5. Ferreira, V., Panagopoulos, T. (2011). Predicting soil degradation under various land management scenarios at the Alqueva dam watershed. Book of abstracts **3rd Int. Conf. on Environmental Management, engineering, Planning and Economics**, Skiathos, Greece, June 19-24, 2011. pp. 63.
6. Ferreira, V., Panagopoulos, T. (2011). "Predicting Risk of Soil Erosion at the Alqueva Dam Watershed", **12th International Conference on Environmental Science and Technology (CEST2011)**, 8 - 10 September 2011, Rhodes island, Greece, pp. B286-B293. ISBN:978-960-7475-49-7.
7. Cakula, A., Ferreira, V., Panagopoulos, T. (2012). "Dynamic Model of Soil Erosion and Sediment Deposit in Watersheds". **8th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '12)**, 2-4 May 2012, Faro, Portugal, pp. 33-38, ISBN: 978-1-61804-088-6.
8. Arvela, S. A., Panagopoulos, T., Cakula, A., Ferreira, V., Azevedo, J. (2012). Analysis of landscape change following the construction of the Alqueva dam, southern Portugal – Approach and methods. **5th WSEAS International Conference on Landscape Architecture (LA '12)**, 2-4 May 2012, Faro, Portugal, pp. 42-47, ISBN: 978-1-61804-090-9.
9. Panagopoulos, T., Andrade, R. Ferreira, V., Guerrero, C. (2012). Assessment of spatial variability of soil properties in areas under land use change due to the Alqueva dam construction. **5th WSEAS International Conference on Landscape Architecture (LA '12)**, 2-4 May 2012, Faro, Portugal, pp. 26-31, ISBN: 978-1-61804-090-9.
10. Ferreira, V., Panagopoulos, T. (2012). Predicting soil erosion at the Alqueva dam watershed: seasonal variations. **8th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development (EEESD '12)**, 2-4 May 2012, Faro, Portugal, pp. 99-104, ISBN: 978-1-61804-088-6.
11. Ferreira, V., Panagopoulos, T. (2013). "Risco de erosão do solo na área envolvente à Barragem do Alqueva". **10ª CNA-XII CNEA: Repensar o Ambiente: Luxo ou inevitabilidade**. Departamento de Ambiente e Ordenamento, Universidade de Aveiro, Portugal, ISBN: 978-989-98673-0-7.
12. Andrade, R., Panagopoulos, T., Guerrero, C., Ferreira, V., Castela, E. (2013) "Variabilidade espacial das propriedades do solo em diferentes usos do solo na paisagem envolvente à albufeira do Alqueva. **10ª CNA-XII CNEA: Repensar o Ambiente: Luxo ou inevitabilidade**. Departamento de Ambiente e Ordenamento, Universidade de Aveiro, Portugal, ISBN: 978-989-98673-0-7.

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s)

Other language(s)

Self-assessment

European level (*)

English

Certificate in English (Wall Street Institute)

French

Portuguese

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	C1	Proficient user
B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic User	A2	Basic user

Spanish

B1	Independent user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user
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(*) *Common European Framework of Reference for Languages*

Social skills and competences

- Experienced in both individual and team work
- Good ability to adapt to multicultural environments;
- Good communication with others;
- Good at solving conflicts;
- Capacity of argument and persuasion;
- Very persistent.

Organisational skills and competences

- Good Sense of organization;
- Good learning ability;
- Focused in results;
- Ability to self-criticism and self-evaluation;
- Ability to identify and solve problems effectively.

Technical skills and competences

- Good at solving technical problems;
- Quickly accustomed to any technical equipment;
- Capacity to hand laboratory equipment

Computer skills and competences

- Competent with most Microsoft **Office** programmes;
- Excellent command with Geographic Information Systems **ArcGIS** and **ArcView**;
- Experience with **IDRISI** software to manage Satellite data;
- Environmental modeling capacity with **Surfer 8** and **Processing Modflow**;
- Experience with **SPSS** (Statistical Package for Social Sciences);
- Basic knowledge about **AutoCAD**;
- Basic knowledge about **Photoshop**;

DRIVING LICENCE

Category B PT – 11558 7

Faro, May 2014

Vera Ferreira

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