Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	Ana Brito
E-mail	ana_brito@hotmail.com ; a.brito@napier.ac.uk
Nationality	Portuguese
Date of birth	11 – 03 – 1983
Gender	Female

Education and training

Dates	1st September 2001 until 31st July 2005
Title of qualification awarded	First Degree (Licenciatura – 4 years) in Environmental Biology – Marine variant
Principal subjects/occupational skills covered	Zoology; Ecology; Coastal Systems; Conservation; Genetics; Environmental Impacts; Oceanography
Name and type of organisation providing education and training	*Faculdade de Ciências da Universidade de Lisboa*, Campo Grande, Edifício C5, 1149-016 Lisboa; Tel.: (+351) 217500000, Fax: (+351) 217500169; website: http://www.fc.ul.pt/
Level in national or international classification	Final classification of 16/20.

Dates	1st October 2005 until now
Title of qualification awarded	Doctor of Philosophy (PhD) in Environmental Biology / Environmental Chemistry
Principal subjects/occupational skills covered	Eutrophication; Water quality management; Coastal systems; Shallow lagoons; Physical, chemical and biological analysis; Phytoplankton and Microphytobenthos; Spatial variability; Mesocosms; WFD; experiments; Biogeochemical interactions; Ecological / eutrophication models; Coastal management.
Name and type of organisation providing education and training	Napier University (Edinburgh) and University of Algarve (Portugal) PhD studentship awarded by FCT (Science and Technology Foundation in Portugal)
Level in national or international classification	

Work experience

Dates	April to June 2004
Occupation or position held	Research studentship
Main activities and responsibilities	Responsible for several events during the project. The objective was to disseminate and demystify science.
Name and address of employer	*Faculdade de Ciências da Universidade de Lisboa* (FCUL), Campo Grande, 1149-016 Lisboa. Website :http://www.fc.ul.pt/

Dates	October 2005 until now
Occupation or position held	Research student (PhD student)
Main activities and responsibilities	Responsible for the development of an assimilative capacity model to predict the assimilative capacity of Ria Formosa under certain conditions. Also responsible for field work conducted in Portugal to obtain datasets for model validation.
Name and address of employer	FCT- Av. D. Carlos I, *126, 1249-074* Lisboa. Website: http://www.fct.mctes.pt/

Dates	February 2006 until October 2008 (3 academic years)
Occupation or position held	Demonstrator
Main activities and responsibilities	Assistant teacher during practical classes of Marine Biology, Marine and Freshwater Biology and Ecological Assessment.
Name and address of employer	Napier University, 10 Colinton Road, Edinburgh, EH10 5DT. Website: http://www.napier.ac.uk/

Personal skills and competences

Mother tongue(s) Portuguese

Other language(s)

Self-assessment

	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production			
English	C2	Experienced User	C2	Experienced User	C2	Experienced User	C2	Experienced User	C2	Experienced User
French	B1	Independent User	B1	Independent User	A2	Elementary User	A2	Elementary User	A1	Independent User
Spanish	C1	Independent User	C1	Independent User	B2	Elementary User	B2	Elementary User	B2	Elementary User

(*) Common European Framework of Reference for Languages

Publications, projects, conferences and presentations

I have two papers *in press*, one about optimal methodologies for simple microphytobenthos analysis and the other about the importance of sediments to water quality in coastal shallow lagoons. I also have another paper in review. This is about the temporal and spatial variability of microphytobenthos.

Three other papers are almost prepared for submission. The first one to be completed is a review about European lagoons and it is being done in collaboration with several European experts. One of the other two is a discussion about the importance of benthic-pelagic interactions in coastal shallow lagoons and strongly related with the Water Framework Directive. The last one is an article about seasonality of phytoplankton and microphytobenthos.

An article about the assimilative capacity model developed for the shallow lagoon, Ria Formosa, is also being prepared.

I have provided the structure for an Initial Training Network (Marie Curie) between six partners (Napier University, University of Cádiz, University of Lisbon, University of Aveiro, IMAR-University of Algarve and University of Venice). I have also written and organized the proposal to submit for European funding (Research Framework Programme- FP7) The project is called 'BecWater' – Benthic contribution to water column quality status-implication for the Water Framework Directive implementation. The project was submitted on the 1st September 2008.

Poster presentations:

- Plan of the PhD project: Postgraduate Seminar in Napier University (March 2006).
- *A* simple Assimilative Capacity Model for Ria Formosa (Portugal): an adaptation of the dynamic CSTT model, presented in the conference of the Challeger Society in Oban (September 2006).
- A simple Assimilative Capacity Model for Ria Formosa (Portugal): an adaptation of the simple CSTT Model presented in the conference of the *Society of Environmental Toxicology and Chemistry* (SETAC), in Porto (May 2004).
- Biochemical responses of shallow coastal systems to Climate Change presented in the European Geosciences Union General Assembly, in Vienna, Austria (April 2009).

Oral presentations:
- A simple Assimilative Capacity Model for Ria Formosa (Portugal): an adaptation of the simple CSTT Model presented during the Ecological Modelling Workshop in Zagreb (July 2006).
- Presentation of model developments achieved during the meeting of the European Project ECASA (*Ecosystem Approach for Sustainable Aquaculture*) in Edinburgh (January 2007).
- A simple Assimilative Capacity Model for Ria Formosa (Portugal): an adaptation of the simple CSTT Model presented during the *European Conference on Ecological Modelling* (ECEM) in Trieste (November 2007).
- *A simple Assimilative Capacity Model for Ria Formosa (Portugal): an adaptation of the simple CSTT Model* will be presented at the *Aquatic Sciences Meeting* of the *American Society of Limnology and Oceanography* (ASLO) in Nice (January 2009).
-*Physico-chemical and biological elements of Ria Formosa: quality implications in the implementation of the Water Framework Directive* will be presented during the *10th International Coastal Symposium* in Lisboa (April 2009).

Conferences:
- Participation in the Meeting of National Biology Students (ENEB) in Lisbon, Ponta Delgada and Faro (2002, 2003 and 2005).
- Participation in the International Council for the Exploration of the Sea (ICES) annual conference in Vigo (2004).

Technical skills and competences

I was awarded with a grant of academic merit by *Faculdade de Ciências da Universidade de Lisboa* in 2005.

I have completed several short-term courses:
- Coordination and management of Projects (*Faculdade de Ciências da Universidade de Lisboa*, 2004).
- PADI Scuba diving (Lisboa, 2004).
- Sistems of environmental management according to ISO 14001 (Globalvia, 2005).
- Ecological Modelling (Prof. Tarzan Legovic in Rudjer Boskovic Institute, Zagreb, 2006).
- Remote sensing and GIS (*Faculdade de Ciências da Universidade de Lisboa*, 2007)

Computer skills and competences

Software knowledge:
- Windows and Microsoft Office.
- *Adobe Illustrator, ArcView, Arlequim, BioEdit, BioSys, Demog, Genes, IDRISI Andes, MATLAB, Minitab. PAUP, Pedigree, SPARKS, STELLA, Statistica,*

Social skills and competences

I have worked in several events (sports, science) as a voluntary.
I have also developed my social skills during the participation in the European Projects ECASA and RECITAL in October 2006.

Additional information

Dr. Teresa Fernandes (Napier University) – telephone number:00441314552508
t.fernandes@napier.ac.uk
Prof. Paul Tett (Napier Univeristy) – telephone number: 00441314552633/2350
p.tett@napier.ac.uk
Dr. Alice Newton (University of Algarve) – telephone number:00351289800905
anewton@ualg.pt