Europass
Curriculum Vitae

Personal information

First name(s) / Surname(s)	**Miguel Cordero Souto**
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Nationality	Spanish
Date of birth	03/04/1974
Gender	Male

Desired employment / Occupational field

Research Technician in Geographic Information Systems

Work experience

Dates	01/02/2008- until now
Occupation or position held	Research Technician in Geographic Information Systems
Main activities and responsibilities	Technician in SIT (a central service in the university for research support in GIS) Support to researchers of USC in management of geospatial data. Take measures with advanced equipment Training to rearchers in GIS software.
Name and address of employer	University of Santiago de Compostela (USC), Campus de Lugo s/n, Lugo, 27002, Spain
Type of business or sector	Education and Research
Dates	01/03/2002-01/02/2008
Occupation or position held	Researcher and Technician
Main activities and responsibilities	Research in several projects at Laboratorio do Territorio reseach group, System administrator.
Name and address of employer	University of Santiago de Compostela, Campus de Lugo s/n, Lugo, 27002, Spain
Type of business or sector	Education and Research
Dates	27/04/2000-01/03/2002
Occupation or position held	Forest engineer
Main activities and responsibilities	Self-employed professional
Name and address of employer	Lugo, Spain
Type of business or sector	Professional and business services

Education and training

Dates	15/09/2004
Title of qualification awarded	Master of Advanced Studies in Agricultural and Forestry Engineering
Principal subjects/occupational skills covered	Advanced research in Agricultural and Forestry Engineering
Name and type of organisation providing education and training	University of Santiago de Compostela, Spain

Level in national or international classification	Master of Science
Dates	20/09/2002
Title of qualification awarded	Degree in Forestry Engineering
Principal subjects/occupational skills covered	Forestry Engineering
Name and type of organisation providing education and training	University of Santiago de Compostela, Spain
Level in national or international classification	Degree

Personal skills and competences

Mother tongue(s) — **Spanish**

Other language(s) — **English, Portuguese, Italian**

Self-assessment

European level (*)

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	C2	B2	B1	A2
Portuguese	C1	C2	B1	A2	A1
Italian	A2	B1	B1	A1	A1

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences

Teamwork: In university I worked on several projects with large teams of people, including several European level projects with technicians and scientists from various countries (FARLAND, Agridemo F2F).
Negotiation skills: For 6 years I have been president of a community forest in my home municipality, working with farmers and forest owners to manage the community. Reaching important agreements with neighboring communities on property and boundary disputes.
Intercultural: I have practice in dealing with people from different cultures in two principal ways, I belong to an association that takes European bike concentrations, each year in a country, attending and participating in the organization of events Noorbeek (Holland 2009) Verdon (France 2010), Como (Italy 2012) and Spain (2016).I am member of Engineering Without Borders (EWB) e involved in cooperation projects in Ecuador (6 weeks expatriate), Honduras and Nicaragua (3 weeks expatriate) , as well as education campaigns for development in Spain

Organisational skills and competences

I have successfully directed several final projects of undergraduate students in forest engineering degree. I also carry the tutelage of Vocational Education and Training (VET) students in Information Technology (systems administration) practices for 8 years (3 months each group, 3 students per group and year).
I participated in the Scientific Committee and Organising Committee of an International congress (IV International Conference in Operational tools in forestry using remote sensing techniques.)

Technical skills and competences

My training as a forester and my research in college gave me strong skills in geographic information systems, in forest management and rural development. I have taught numerous courses on GIS and currently work in a unit that serves the entire University of Santiago de Compostela in geospatial projects performing measurements with advanced equipment like Laser Scanner, Drones, Ground Penetrating Radar, etc.
Nowadays I realize my PhD thesis on resources management (in communities of smallholders) of the forest lands using Geographic Information Systems(GIS) and Lidar technologies.
Another topics of interest where I worked are: Development cooperation, Free software.

Computer skills and competences	My job in university as a technician in a research group with many members, performing system administration tasks yielded me a strong knowledge of operating systems (Linux, Windows,) both client and server versions, and databases (Oracle, SQL Server, PostgreSQL).
	I am also responsible (web administrator) of the unit website where I work on Drupal since 2004 and between 2004 and 2009 from the website of the research group LaboraTe, also with Drupal.
	As a GIS technician in my current position I have strong knowledge of GIS software (ArcGIS, Geomedia, Idrisi, gvSIG, GRASS, Quantum GIS) and remote sensing (ERDAS, ENVI, Spring, etc..). I am a teacher certified by ESRI to teach courses of ArcGIS like "Learning ArcGIS Desktop", "Getting Started with the Geodatabase", "Learning ArcGIS 3D Analyst", etc. ..
	In addition to the common compentences office automation and web software, both open source software and privative or commercial software, I have also basic skills in programming C, Python and bash languages.
Other skills and competences	Both of my education in forest engineering as my background, I am strongly linked to rural and agriculture. I have experience in dealing with farmers and the practice of agriculture.
	Helping my parents worked on the family farm of dairy cattle through age 20 (1994), later I was in charge of the farm for 5 years (1999).
	I'm a commoner in a common land owners association of forest land in my home municipality and for my education i was actively involved in its activity, being its secretary from 2006 to 2010 and chairman until August 2012.
	Currently involved in two initiatives related to raising goats in extensive method on rangeland of Galicia eastern montains (since 2013) and cooperative production of native chestnut.
Driving licence	A and B (motorcycles and cars)