

## Curriculum Vitae Europass



### Personal information

Surname / Name	<b>Gherardi Massimo</b>
Address	Via Casella 23/A, 40030 Grizzana Morandi (BO) (Italy)
Cell. Phone	+39 339 8879329
E-mail	massimo.gherardi@borealmapping.com; massimo.gherardi@unibo.it
Nationality	Italian
Date of birth	16/10/1965
Sex	Male

### Professional sector

- **Cartography / GIS / GPS survey / Geographical data management and analysis**
- **Professional assignments and training in schools, university and post graduate**
- **Contract professor at University of Bologna - Faculty of Agriculture**
- **From the 2000/2001 academic year teaching master classes at University of Bologna - Faculty of Agriculture ("Masters in sustainable development and management of agro-environmental" Editions I - XI). Teaching Geographical Information System for Soil and Land Use Planning**

### Professional experience

Date	07/12/2012 – 11/12/2012
Work and position held	Expert speaker in the field of cartography / GIS / GPS.
Main activities and responsibilities	Teaching and training at the Course " <b>Lebanese for Lebanon: when cultural heritage aims at peace</b> ". <b>UNESCO palace, Beirut.</b>
Name and address of employer	ICCROM – International Centre for the Study of the Preservation and Restoration of Cultural Property; BILADI N.G.O., Lebanon

Date	09/07/2012 – 20/07/2012 ; 20/08/2012 – 25/08/2012
Work and position held	Expert on cartography / GIS /GPS, geographical data management and analysis. <b>Work contract in CANA - CNRS Project, Lebanon.</b>
Main activities and responsibilities	The project's specific objective is to prepare guidelines for an integrated coastal / maritime policy to increase the knowledge of coastal and marine environments.  In close collaboration with the CNRS (Project Implementing Agency), and under the Project management Unit (PMU) direction of the project "Establishing monitoring and sustainable development of the Lebanese sea", the work was focused on the design and creation of a specific GIS / Google Earth database and related cartography.
Name and address of employer	National Council for Scientific Research – CNRS, Lebanon
Date	10/11/2011 – 24/12/2011
Work and position held	Expert on cartography / GIS /GPS, geographical data management and analysis. <b>Work contract in Lebanon.</b>
Main activities and responsibilities	The activities performed during the work period was initially focused on the analysis and GIS implementation of the information collected by the working group of Professor Zaher Ghossaini in relation to the census of High Shouf historical and architectural assets. A second phase of the project involved the upgrade and expansion of digital information packs (KMZ, GPX, Garmin IMG formats) focused in tourism promotion in the Shouf Biosphere Reserve and implemented during previous missions. Were also prepared digital topographic base maps necessary for the realization of eco-tourism map of 28 municipalities between the region of High Shouf and Southern Beqaa.
Name and address of employer	Italian Cooperation Office – Ministry of Foreign Affairs of Italy
Date	16/05/2011 - 21/05/2011
Work and position held	Expert speaker in the field of cartography / GIS / GPS.
Main activities and responsibilities	Teaching and training at the workshop "Effective Management of the Biosphere Reserves in the Arab Region" - <b>Parck office - Shouf Biosphere Reserve – Maasser ech Chouf – Lebanon.</b>
Name and address of employer	Unesco Beirut - Unesco Cairo – Ministry of Environment of Lebanon
Date	01/10/2010 - 30/11/2010
Work and position held	Expert on cartography / GIS /GPS, geographical data management and analysis. <b>Short mission in Lebanon.</b>
Main activities and responsibilities	The work done during the mission in question was essentially focused on the analysis / implementation / development of geographic data necessary for the development and implementation of information packages aimed at promoting tourism in the Shouf Biosphere Reserve. A traditional paper publications (Eco-Tourist Map of the Reserve at the scale 1:20,000) were supported innovative packages information in digital format (KMZ, GPX, Garmin IMG) accessible in the geographic three-dimensional Google Earth environ or suitable through the use of new active outdoor activities supporting technologies, such as GPS and GPS mapping software.
Name and address of employer	Italian Cooperation Office – Italian Ministry of Foreign Affairs
Date	18/07/2010 - 03/08/2010
Work and position held	Expert on cartography / GIS /GPS, geographical data management and analysis. <b>Short mission in Lebanon.</b>
Main activities and responsibilities	The activities carried out during the mission was focused on the analysis / implementation / processing of geographical data necessary for the development and implementation of information packages aimed at promoting tourism in the Shouf Cedar Biosphere Reserve. At traditional paper publications (Eco-Tourist Map of the Reserve at the scale 1:20.000) were joined innovative information packs in digital format (KMZ, GPX, Garmin IMG), accessible into the Google Earth three-dimensional geographical environ or through the support of new technologies applied to outdoor activities, such as GPS mapping software, digital map and GPS data.
Name and address of employer	Italian Cooperation Office – Ministry of Foreign Affairs of Italy

## Education and training

Date	1998 →
Title of qualification awarded	<b>PhD</b> in productivity of cultivated plants
Principal subject / occupational skill acquired	"Transformation of the characteristic of soil according to their agricultural use: application procedures and methodological tools aimed at monitoring the pedo-agronomic compartment".
Name and type of organization providing education and training	Univerity of Bologna and University of Udine
Date	June 1993 →
Title of qualification awarded	<b>Degree in Agricultural Science</b> (evaluation 110/110 & laudem)
Principal subject / occupational skill acquired	Address: Technical - Economic Orientation: Planning and Environmental Protection
Name and type of organization providing education and training	University of Bologna – Faculty of Agriculture
Date	1985 →
Type of qualification awarded	<b>Graduated in Agricultural expert</b> (evaluation 56/60)
Name and type of organization providing education and training	State Technical Agronomic Institute "Arrigo Serpieri" – Bologna

## Personal skill and competences

Mother tongue **Italian**

Self-assessment  
European level (\*)

**Spanish**

**English**

Understanding				Spoken				Written	
Listening		Reading		Oral interaction		Speaking			
<b>C1</b>	Advanced user	<b>B1</b>	User self	<b>B2</b>	User self	<b>B2</b>	User self	<b>B1</b>	User self
<b>C1</b>	Advanced user	<b>B1</b>	User self	<b>B2</b>	User self	<b>B2</b>	User self	<b>B1</b>	User self

(\*) *Common European Framework of Reference for Languages*

Social skill and competences	good experience in the field of disable sports, acquired as part of the Sport Foundation Silvia Rinaldi Onlus ( <a href="http://www.fondazioneperlospport.it">www.fondazioneperlospport.it</a> )
Organizational skill and competences	Good experience in planning and management of multidisciplinary scientific projects
Technical skill and competences	In the fields: topographical mapping / thematic mapping / turist mapping; collecting, management and analysis of geographical information through the use of GIS (Geographical Information System); direct data survey using GPS technology; multilevel training in the fields of cartography / GIS / GPS.; production of guides aimed at mountain biking and hiking activity, with reference to the use of trails by person with disabilities also.
Computer skill and competences	Extensive knowledge of the <b>OS</b> : MS-DOS and Windows. <b>Word processor</b> : MS Word. <b>Spreadsheets</b> : MS Excel. <b>Design and Graphics</b> : Autocad; Carta Linx; Corel Draw; Corel Photo Paint; Inkscape; Paint Shop Pro. <b>Software GIS</b> : Idrisi; Pc Raster; ArcCad; Esri ArcView 3.X; Esri ArcGIS; TatukGIS; QGIS; GRASS; Global Mapper; Landserf; Microdem. <b>GPS mapping software</b> : OziExplorer; CompeGPS; Expert GPS; GPSTMapEdit; Garmin Map Source; Garmin Base Camp; OkMap. <b>Geographic applications</b> : Google Earth (capacity to prepare information packs in KMZ format); Flash Earth.

Other skill and competences	National instructor of the Italian School of Mountain Bike (SIMB); Ciclotour guide of the Province of Bologna; Cycling environmental guide UISP.
-----------------------------	--

Driver's license	class D
------------------	---------

Bologna, 05/03/2013

**Signature**

A handwritten signature in black ink, appearing to read 'Massimo Gherardi', written on a light-colored background.