

Curriculum Vitae of Luca Morandini

1. General

Surname	Morandini
Name	Luca
Date of birth	20/12/1965
Nationality	Italian
Civil status	Married with two children
Education	University of Rome "La Sapienza", 1984-1991, M.Sc. Statistics

2. Language skills

Language	Passive	Spoken	Written
Italian	Mother tongue	Mother tongue	Mother tongue
English	Fluent	Fluent	Fluent

3. Membership of professional bodies

Institute of Electrical and Electronics Engineers
IEEE Computer Society
IEEE Geoscience and Remote Sensing Society

4. Other skills (e.g. computer literacy, etc.)

Computer-specific Knowledge

Operating systems	UNIX/Linux, Windows NT/2000/XP, Windows 95/98
Programming languages	Java, PL/SQL, C/C++, XSL, SVG, VisualBASIC, Smalltalk, AML (Arc/Info Macro Language),

	Avenue (ArcView macro language), JavaScript, HTML
GIS (Geographical Information Systems)	Arc/Info 7, Arc/Info 8, ArcView 3, MapObjects, ArcIMS, MapServer
DBMS	ORACLE (PL/SQL, DBA Studio), Access (VBA)
Web servers and Servlet containers	Apache HTTP Server, Apache Tomcat, Apache Cocoon, Microsoft IIS, Mort Bay Consulting Jetty
Statistical packages	S-plus, R
Personal productivity tools	Word, MS-Project, Excel, Outlook

5. Current position

Free-lance GIS Consultant

Years within current position: 7

6. Specific experience (in non-EU member countries)

Country	Date	Donor, name and brief description of the project	References
Mongolia	2004	Asian Development Bank. IT expert for project "Capacity building for Cadastral Survey and Land Registration" (TA 3395 MON)	Penny Buckle (penny.buckle@htsdevelopment.com)
Albania	2002-2003	World Bank. EDP expert in the Albanian National Forest Inventory project, funded by the (Credit/Loan 2846 ALB)	Giancarlo Carrai (gc.carrai@svaltec.it)
Kosovo (Yugoslavia)	2001	EAR. GIS Expert in a project preparation team (Request for services No. zimmer10-OBNOVA-EAR-KOSOVO)	Adrian Neal (nealadrian@hotmail.com)

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		for a Policy and Agricultural statistics strengthening project	
Bulgaria	1998	EU-Phare. GIS-Information Technology Expert. Lead Programmer of a Italian-Bulgarian development team for the building of a Cadastral software system for the PHARE Project BG9206 (Pilot project for a National Bulgarian Cadastre). The software was developed using Arc/Info and ArcView GIS	Giancarlo Carrai (gc.carrai@svaltec.it)
Albania	1998	EU-Phare. LIS/GIS Expert of a pilot GIS implementation, leading the local team through all aspects of it (from digitizing to data fusion and software development). This GIS was developed in the framework of a Land Use Policy project in Albania (PHARE Project AL 93 08 03)	Zdenek "Denny" Kalensky (kalensky@monisys.ca)
Bulgaria	1997	EU-Phare. GIS/LIS Expert for PHARE Project BG9206 (Pilot project for a National Bulgarian Cadastre)	Giancarlo Carrai (gc.carrai@svaltec.it)

7. Professional experience

Free-lance GIS Consultant

Date	Location	Company	Position	Description
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1997-to date	Italy	Free lance	GIS Consultant	Development of GIS-based software and Project management of GIS projects
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Most significant projects in position

Date	Description	References
2004	Design of a GIS on water networks in the South of Italy on behalf of SOGESID S.p.A.	Elisabetta De Cesare (elisabetta.decesare@virgilio.it)
2003	Development of a web application displaying live thematic maps of the 2001 Italian Census	Pina Ticca (ticca@istat.it)
2002	Development of a Web-based application for the display of Sea pollution data at the Italian Environment Ministry, using ArcIMS, DB2, and Cocoon (a Java-based XML publishing framework).	Pino Giaimo (p.giaimo@ipzs.it)
2002	Development of a Web-based application for Census data-processing control at the Italian Statistical Institute (ISTAT). This project involved the use of Cocoon and Cocoon (a Java-based XML publishing framework) and Oracle	Pina Ticca (ticca@istat.it)
2001	Development of a Web-based application for the analysis of rural assets using ArcIMS, Oracle, and Cocoon (a Java-based XML publishing framework).	Gabriel Poole (gabriele.poole@assagri.it)
2000	GIS Consultancy at the European Environment Agency. This assignment lasted two months, spent on EEA premises in Copenhagen	Jan Bliki (jan.bliki@eea.eu.int)

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	(Denmark)	
2000	GIS Consultancy at the University of Rome - "La Sapienza" - Faculty of Engineering, assisting the development of a urban GIS for the City of Khouribga (Morocco)	Andrea Cappelli (cappelli@imagemp.ing.uniroma1.it)
1999	Finalization and testing of the Land Cover Classification System (LCCS) in use by the Food and Agriculture Organization of the United Nations	John Latham (john.latham@fao.org)
1999	Development of an address geocoding application using MapObjects and MatchWare matching library in a C++/VisualBASIC development environment	
1999	Development of a address matching and geocoding API using Oracle Spatial and PL/SQL programming language	
1998	Development of an ActiveX control for GIS-based emergency systems, using MapObjects and C++ on Windows NT	
1998	Statistical analysis of Agricultural productivity prediction using Geo-statistics techniques (Kriging)	
1997	Development of GIS software for utilities management, using Smalltalk and ArcView on Windows NT	
1997	Development of Control Center Software for GPS-based emergency management. Using MapObjects and C++ on	

	Windows NT.	
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ESRI employee

Date	Location	Company	Position	Description
1991-1996	Italy	ESRI Italia S.p.A	Software developer	Development of GIS software and Project management of GIS projects

Most significant projects in position

Date	Description	References
1994-1995	As software QA Specialist, he wrote guides to "Writing Software Requirements Specifications" and "Writing Software test Plans". This assignment was accomplished as a part of the company's ISO9000 certification	Claudio Carboni (ccarboni@esriitalia.it)
1994	Development of a fleet management Control Center software for land vehicle tracking via GPS, using ArcView and C on IBM UNIX workstations	Claudio Carboni (ccarboni@esriitalia.it)
1993	Project Manager for a general store's chain Geomarketing project	Claudio Carboni (ccarboni@esriitalia.it)

8. Publications

Cocoon: Developer's Handbook	Lajos Moczar, Jeremy Aston (L.Morandini as Technical editor)	Sams publishing		2002
Open-source web-GIS: a sustainable data dissemination approach	L.Morandini, G.Carrai	First national conference on Geographical Information Systems in	Tirana (Albania)	2002

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		Albania		
The importance of integrating metadata into GIS: the case study of the geographic information system of the city of Khouribga (Morocco)	L.Morandini, A.Cappelli	2002 Annual Conference of the International Association for Mathematical Geology	Berlin (Germany)	2002
Il sistema informativo della città di Khouribga (Marocco), uso e monitoraggio del suolo attraverso immagini satellitari ad alta risoluzione Ikonos	L.Morandini, A.Cappelli	Geologia dell'Ambiente, Anno IX, Numero 4/2001		2001
Eastern Europe cadastral GIS: Applications and standards	L.Morandini, C.Carrai. R.Favilli	ESRI European User Conference #98	Florence (Italy)	1998
LIS/GIS trends through Three Experiences in East Europe and Central Asia	L.Morandini, C.Carrai. R.Favilli	International Symposium "Modern Technologies of Cadastre"	Sofia (Bulgaria)	1997
Topology for Cadastral Systems: do we need it ?	L.Morandini, C.Carrai. R.Favilli	International Symposium "Modern Technologies of Cadastre"	Sofia (Bulgaria)	1997