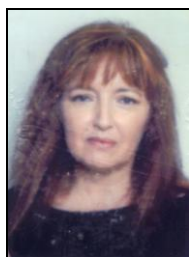


## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)

**Giuliana BILOTTA**

Address(es)

28 Via Sbarre - 89063 Melito P.S. (RC) - Italy

Mobile: +39 338 3666332

E-mail

giulianabilotta@libero.it

Nationality

Italian

Date of birth

14.02.1954

Gender

Female

### Desired employment / Occupational field

**Geographic information and optical VHR imagery processing, Object Based  
Image Analysis**

### Education and training

Dates

January 2009 onwards

Principal subjects/occupational skills  
covered

Attending a Ph.D. from the IUAV University of Venice, Faculty of Spatial Planning, Doctoral Research Course in New Technologies and Information on Territory and Environment. First placed in the ranking of selection

Name and type of organisation  
providing education and training

IUAV University of Venice, Faculty of Spatial Planning

Level in national or international  
classification

ISCED 6

Dates

14 March - 23 November 2006

Principal subjects/occupational skills  
covered

SPECIALIZATION COURSE "Planning of territory: technological tools and assessment" - hours 750

Name and type of organisation  
providing education and training

DEPARTMENT OASI OF THE REGGIO CALABRIA UNIVERSITY, ARCHITECTS OF CATANZARO, COSENZA, CROTONE, REGGIO CALABRIA AND VIBO VALENTIA PROFESSIONAL CHAMBERS, CALABRIAN GEOLOGICAL CHAMBER, Reggio Calabria, IT

Dates

June 2003 - December 2004

Title of qualification awarded

SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING

Principal subjects/occupational skills  
covered

SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, a.y. 2002/2003, mark 110/110 with distinction. Master thesis about "Comparative analysis of traditional and advanced methodologies applied to land use change and urban planning in the territory of Melito di Porto Salvo", through the analysis of satellites data and the comparison of software for image analysis and classification pixel-oriented and object-oriented. Supervisor prof. Maurizio Fea, European Space Agency - European Space Research Institute (ESA - Esrin, Frascati). On publishing on ESA-Esrin website - hours 1500.

Name and type of organisation  
providing education and training

UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice (now: Ca' Tron, 1957 Santa Croce, I-30135 Venice)

Level in national or international classif.

ISCED 5A

Dates	2001
Title of qualification awarded	UNIVERSITY OF STUDIES "MEDITERRANEAN" OF REGGIO CALABRIA – FACULTY OF ARCHITECTURE – MASTER OF SCIENCE IN ARCHITECTURE.
Principal subjects/occupational skills covered	History of the architecture, Mathematical Analysis and analytic geometry, Design and relief, architectonic Composition, Architectonic Planning, Descriptive Geometry, Technology of the architecture, Physics, Technical Physics and systems, Statics, Science of constructions, Technique of constructions, Environmental Hygiene, Constructions in seismic areas, Unification building and prefabrication, Environmental Planning, Urban planning, Right and urban planning and building legislation, Electronic data processing, Estimating and professional practice, Economic Techniques and financial institutions, Foundations of economy, Furnishing and architecture of interiors, Architectonic Restoration. Thesis in Environmental Planning.
Name and type of organisation providing education and training	Master of Science in Architecture with the mark of 110/110.
Level in national or international classification	ISCED 5A
Dates	March - May 2006
Principal subjects/occupational skills covered	SPECIALIZATION AND REFRESHER COURSE ABOUT VIA-VAS-IPPC by Environment Ministry inside the Agreement of Program Environment Ministry ANCI, UPI and UNCEM having as objective cooperation between various levels of government organizing a network for Federate Cartographic System, whose Geoportal will be the Data Spatial Italian national Infrastructure access connecting to European Geoportal from European Plan INSPIRE (INfrastructure for SPatial InfoRmation in Europe) - hours 120.
Name and type of organisation providing education and training	ENVIRONMENT MINISTRY, ITALIAN MUNICIPALITIES NATIONAL ASSOCIATION, ITALIAN PROVINCE'S UNION, NATIONAL MOUNTAINS COMMUNITIES UNION, FORMAUTONOMIE, Catanzaro, IT
Dates	November - December 2004
Principal subjects/occupational skills covered	BASE COURSE FOR " GEOGRAPHICAL INFORMATION SYSTEMS TECHNICIAN" organized by the Environment Ministry inside the Agreement of Program Environment Ministry ANCI, UPI and UNCEM having as objective cooperation between various levels of government organizing a network for Federate Cartographic System, whose Geoportal will be the Data Spatial Italian national Infrastructure access connecting to European Geoportal from European Plan INSPIRE (INfrastructure for SPatial InfoRmation in Europe) - hours 70.
Name and type of organisation providing education and training	ENVIRONMENT MINISTRY, ITALIAN MUNICIPALITIES NATIONAL ASSOCIATION, ITALIAN PROVINCE'S UNION, NATIONAL MOUNTAINS COMMUNITIES UNION, FORMAUTONOMIE, Reggio Calabria, IT
Dates	July - December 2004
Principal subjects/occupational skills covered	FORMATIVE TRAINING inside the SECOND LEVEL UNIVERSITY MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING of the Faculty of Urban and Regional Planning - University IUAV of Venice, (ex I.U.A.V.), on "Application of analysis methodologies object-oriented". Objective: Comparative analysis of traditional and advanced methodologies applied to the change of land use in the evolution of urban planning of a territory, through analysis of satellites data and comparison of software for image analysis and classification pixel-based and object-based; predisposition of a master thesis with satellite data and conventional data collection; comparison of analysis software (traditional: ER Mapper, ERDAS; object-based: eCognition) in the identification process of land cover; study of urban growing and land use in Melito di Porto Salvo (RC) in last twenty years. Software in use: eCognition, ERDAS, ER Mapper, ENVI. Data: images from satellites Landsat and Ikonos; conventional information. Tutor and supervisor prof. Maurizio Fea, ESA – Esrin - five months - hours 406.
Name and type of organisation providing education and training	EUROPEAN SPACE AGENCY (ESA), EUROPEAN SPACE RESEARCH INSTITUTE (ESRIN), FRASCATI, Rome, IT

Dates	April 2004
Principal subjects/occupational skills covered	INTENSIVE COURSE about "Management of communications in network", teachers Prof. Arnaldo Cecchini and Dr. Ivan Blečić - hours 16.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING, SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, a.y. 2002/2003, - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	March 2004
Principal subjects/occupational skills covered	INTEGRATIVE COURSE about "Remote Sensing - structural approach", teacher prof. Martino Pesaresi - JRC of Ispra - European Commission - hours 8.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING, SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, a.y. 2002/2003, - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	March 2004
Principal subjects/occupational skills covered	INTEGRATIVE COURSE about "Galileo Joint Undertaking" of the European Commission, held from prof. Maurizio Fea, ESA - Esrin - hours 8.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING, SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, a.y. 2002/2003, - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	January – March 2004
Principal subjects/occupational skills covered	PROJECT WORK coordinated by arch. Giovanni Biallo, director of the review MondoGIS in Rome.(on Graphs roads). Realization and presentation at IUAV in Venice on 13.03.2004, with optimal appraisal, a Geographical Information Systems about Roads Cadastre - Carriageable places - based on ESRI ArcView 3,1 and MS Access 2000 - hours 80.
Name and type of organisation providing education and training	MONDOGIS - TECHNICAL INFORMATION REVIEW ABOUT GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, inside the convention with the Faculty of Urban and Regional Planning of the University IUAV of Venice, 166 Via Edoardo D' Onofrio, I-00155 Rome - 1961 Santa Croce, I-30135 Venice
Dates	February 2004
Principal subjects/occupational skills covered	COURSE ABOUT COMPUTER PROTOCOL from Halley Consulting inside the plan E-Government "Useful Technology" promoted from City of Fermo, Italy - hours 7.
Name and type of organisation providing education and training	SCHOOL OF COMPUTER SCIENCE, DATA TRANSMISSION AND MANAGEMENT OF REGGIO CALABRIA - Halley Consulting
Dates	June 2003
Principal subjects/occupational skills covered	FIRST in classification of public selection for admitting to SECOND LEVEL MASTER IN GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING, a.y. 2002/2003, , UNIVERSITY IUAV OF VENICE.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING, Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	May 2003
Principal subjects/occupational skills covered	SEMINARY about the theme " GEOGRAPHICAL INFORMATION SYSTEMS and LOCATION BASED SERVICES (LBS)" - hours 16.
Name and type of organisation providing education and training	alSIT – Association Undergraduated in Information Geographical Systems and Course of Degree in Information Geographical Systems - Faculty of Urban and Regional Planning of the University IUAV di Venice with EsriItalia, Trimble, Intergraph, Galileo Systems, Abitab SIT Autodesk and Schlumberger Sala Convegni Italgas - Venezia Mestre

Dates	February 2003
Principal subjects/occupational skills covered	COURSE ABOUT TECHNOLOGIES FOR GEOGRAPHICAL INFORMATION SYSTEMS LABORATORY - hours 32
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING,, COURSE OF GRADUATE DEGREE IN GEOGRAPHICAL INFORMATION SYSTEMS - Ca' Bacchin, 1961 Santa Croce, I-30135 Venice
Dates	November 2002
Principal subjects/occupational skills covered	COURSE ABOUT "DIGITAL CARTOGRAPHY AND GIS TECHNOLOGIES TO GOVERN THE TERRITORY" - hours 4
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING,, COURSE OF GRADUATE DEGREE IN GEOGRAPHICAL INFORMATION SYSTEMS - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	October 2002
Principal subjects/occupational skills covered	PROFESSIONAL COURSE "THERMAL, SOLAR AND PHOTOVOLTAIC SYSTEMS " - hours 16.
Name and type of organisation providing education and training	UNIVERSITY OF STUDIES "MEDITERRANEAN" OF REGGIO CALABRIA, Provincial Administration of Reggio Calabria and COSVEA, (Consortium Development Alternatives Energies) Feo di Vito, I-89100 Reggio Calabria
Dates	October 2002
Principal subjects/occupational skills covered	XIII CONFERENCE OF A.I.S.RE. about "CITY AND TERRITORIES BETWEEN IDENTITY AND GLOBALITY" - hours 24
Name and type of organisation providing education and training	ITALIAN SECTION OF ASSOCIATION OF REGIONAL SCIENCE ASSOCIATION INTERNATIONAL ( A.I.S.RE.), UNIVERSITY "MEDITERRANEAN" OF REGGIO CALABRIA, Feo Di Vito, I-89100 Reggio Calabria
Dates	June – November 2002
Principal subjects/occupational skills covered	PROJECT WORK ABOUT REMOTE SENSING - GIS TECHNOLOGIES - DATA TRANSMISSION AND SPATIAL DATABASE - WEBGIS - GEOREFERENCING AND GPS – distinct results - hours 318.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING,, COURSE OF GRADUATE DEGREE IN GEOGRAPHICAL INFORMATION SYSTEMS - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	April – May 2002
Principal subjects/occupational skills covered	SPECIALISTIC COURSE ABOUT "ENVIRONMENTAL IMPACT ASSESSMENT" code VIA 02 after a national selection inside the Integrated Plan Environmental Formation (PIFA) - hours 80.
Name and type of organisation providing education and training	FORMEZ AND ENVIRONMENTAL MINISTRY - Via di Villa Grazioli, I-00100 Roma
Dates	2001 – 2003
Principal subjects/occupational skills covered	Enrolled in the Degree in GEOGRAPHIC INFORMATION SYSTEMS, in which I passed with excellent marks some tests as European Culture, Digital mapping, GPS, Safeground Landcare; course suspended for attending the Master in GIS & Remote Sensing.
Name and type of organisation providing education and training	UNIVERSITY IUAV OF VENICE, FACULTY OF URBAN AND REGIONAL PLANNING,, COURSE OF BACHELOR DEGREE IN GEOGRAPHIC INFORMATION SYSTEMS - Ca' Bacchin delle Palme, 1961 Santa Croce, I-30135 Venice
Dates	april 2002
Title of qualification awarded	Qualification to the practice of Architect profession.
Principal subjects/occupational skills covered	Technologies and techniques of the architecture, Constructive Technique, Environmental hygiene, Constructions and norm in seismic areas, Regional and Urban planning, Right and legislation about urban planning and building, Public Buildings law, professional practice.
Name and type of organisation providing education and training	UNIVERSITY "MEDITERRANEAN" OF REGGIO CALABRIA - CHAMBER OF THE ARCHITECTS, PLANNERS, LANDSCAPERS AND CONSERVATIVES OF THE PROVINCE OF REGGIO CALABRIA

Dates	Novembre 2001 – Marzo 2002
Principal subjects/occupational skills covered	PROFESSIONAL AND SPECIALIZATION COURSE "THE COORDINATOR OF THE EMERGENCY IN PHASE OF PLANNING AND EXECUTION" to the senses of the art. 10, codicil 2, of the D.Lgs. 494/96 and the Directive Yards - hours 120.
Name and type of organisation providing education and training	CHAMBER OF THE ARCHITECTS, PLANNERS, LANDSCAPERS AND CONSERVATIVES OF THE PROVINCE OF REGGIO CALABRIA
Dates	2000 – 2001
Principal subjects/occupational skills covered	WORKSHOP "INSTRUMENTS AND METHODS FOR TERRITORIAL MONITORING"; SEMINARY "GEOGRAPHIC SERVICES IN NETWORK" AND COURSE OF STUDYING IN DEEP "AS TO REALIZE A GEOGRAPHICAL INFORMATION SYSTEM"; SEMINARY "MANAGEMENT AND GEOGRAPHICAL PLANNING: GIS APPLICATIONS FOR THE LOCAL AGENCY" - total hours 24.
Name and type of organisation providing education and training	GISITINERA AND PLANETEK ITALIA at the POLYTECHNIC OF BARI; MAN AND MACHINE SOFTWARE AND AUTODESK in collaboration with GISMEETING in PALERMO; UNIVERSITY OF STUDIES OF REGGIO CALABRIA, GISMEETING and INTERGRAPH ITALIA in REGGIO CAL.
Dates	2001
Principal subjects/occupational skills covered	SEMINARIES "PER UN RILANCIO DEL FOTOVOLTAICO IN ITALIA" AND "PER IL DECOLLO DEL SOLARE TERMICO IN ITALIA" addressed to Local Authorities and Municipalities workers - hours total 16
Name and type of organisation providing education and training	Environmental Ministry (Siar) In Collaboration With Ises Italia (Italian Section Of International Solar Energy Society) - Rome
Dates	2001
Principal subjects/occupational skills covered	FORMATION COURSE "PHOTOVOLTAIC SYSTEMS: TECHNICAL AND ARCHITECTONICAL PLANNING" - hours 24.
Name and type of organisation providing education and training	UNIVERSITY OF ROMA "LA SAPIENZA" IN COLLABORATION WITH ISES ITALIA (ITALIAN SECTION OF INTERNATIONAL SOLAR ENERGY SOCIETY) - ROME
Dates	March – June 2000
Principal subjects/occupational skills covered	PROFESSIONAL SPECIALIZATION COURSE "ARCHITECTONIC RESTORATION", teachers Proff. Miarelli Mariani, Marconi, Pagliara, Benedetti, Portoghesi, Di Pasquale - hours 120.
Name and type of organisation providing education and training	UNIVERSITY OF STUDIES "MEDITERRANEAN" OF REGGIO CALABRIA – CHAMBER OF THE ARCHITECTS, PLANNERS, LANDSCAPERS AND CONSERVATIVES OF THE PROVINCE OF REGGIO CALABRIA – NATIONAL COUNCIL OF ARCHITECTS- REGIONAL FEDERATION OF ARCHITECTS – INSTITUTE OF RESTORATION "PALAZZO SPINELLI" – CALABRIA REGION– REGGIO CALABRIA
Dates	1998
Principal subjects/occupational skills covered	"PASS" COURSE ABOUT: "PATTO TERRITORIALE, SPORTELLO UNICO" - hours 60.
Name and type of organisation providing education and training	NOMISMA Society of Economic Studies, Bologna – Reggio Calabria

## Work experience

Dates	February 1987 onwards
Occupation or position held	Instructor
Main activities and responsibilities	<ul style="list-style-type: none"> <li>Responsible of Informatic Protocol (from January 2004 onwards);</li> <li>Directive Instructor, Environment Office (May – November 2003);</li> </ul> <p>Autonomous planner of the local plan for advertising notice-board and bill-posting, elaborated with GIS.</p> <p>Geographical database (with GIS) of fires starting-points on the municipal territory. Local cyclist network plan – collaboration.</p> <ul style="list-style-type: none"> <li>INSTRUCTOR AT TECHNICAL - URBAN PLANNING AND ENVIRONMENT OFFICE (SINCE 1998 TILL TODAY);</li> </ul> <p>Project (and cartographical transposition of PRG tables from CAD to GIS for projecting) of the Local Plan of motor vehicles fuel distribution network.</p> <p>Organization of data for local Waste collection service management.</p> <p>Collaboration for verifications to dimensioning local Waste collection service management.</p> <p>Verifications on GIS.</p> <p>Predisposition geographic database for local plan of advertising notice-board and bill-posting, elaborated with GIS.</p> <p>First analysis for realizing a local WebGis.</p> <p>Responsible of the Procedure for start building activity report, project appraisal for building authorizations.</p> <p>Certifications about urban planning. Relations with external planners for writing local P.R.G.</p> <p>Management and collection of citizens' requests for proposals formulating.</p> <p>Activity of participations verification inside the Program of City Recovery (PRU). Relations with the technicians of the ATERP in Reggio Calabria for realizing Public Residential buildings. Relations for projecting urban plans.</p>
Main activities and responsibilities	<p>Relations with technicians for projecting urban plans for public works, public and private interest with Conference of the Services (productive activities). Widely, procedure for Productive Activities. (D.P.R. 447/98).</p> <p>Starting procedures for plans with Services Conference, authorizations with simplified procedure, relations urban planning.</p> <p>Projecting idea plan on the Old Country of Melito P.S., for Economic Planning Interministerial Committee (CIPE) titled: "Bed and Breakfast al Paese Vecchio", for participations in restructuring private buildings and real estate for creating a network of diffuse hospitality and craftsmen shops.</p> <ul style="list-style-type: none"> <li>INSTRUCTOR IN TECHNICAL OFFICE (1996 - 1998); Accomplishment administrative procedures for assignment PRG writing. Predisposition several administrative procedures for assigning the Urban Plan.</li> </ul> <p>Preliminary investigation on hundreds of remission building requests (condono edilizio). Author of the Communal Rules for Mortuary Police; analysis and preliminary verifications for planning the local plan of Civil Protection. Author of the Environmental Statement Unique Model (MUD). Environmental data collection and organization. Reorganizing Environment and Cemeterial services. Cemetery data collection and organization, data management systems and procedures reorganization.</p> <p>Collaborations to urban planning. Camping planning. Planning of public buildings - collaboration.</p> <p>Preliminary planning for public square on Lungomare; executive planning of several projects of public buildings, roads, water and sewer nets. Programming Public buildings and analysis of performance. Triennial Plan and Priorities Plan, and their management actions. Activity of regional marketing.</p> <p>Planning tourist guides. First analysis for planning of a website for the Local Authority. Procedures for executing public buildings. Contractual actions and procedures for realizing public buildings.</p> <p>Procedures to public buildings planning. Collaboration (since 1990) in procedures for public buildings planning. Expropriating procedures.</p> <ul style="list-style-type: none"> <li>INSTRUCTOR IN HUMAN RESOURCE OFFICE (1987 - 1996). Collaboration with Technical Office.</li> </ul> <p>Coordination Human Resource Office activity. Realization, predisposition and improvement of actions for organizing human resources and staff legal state. Staff management. Planning, predisposition and realization of a staff plan (1993). Retirement practices management. Application contractual institutes; human resources ordinary management.</p>
Name and address of employer	City Council of Melito di Porto Salvo – Viale delle Rimembranze, 19 - 89063 Melito P.S. (RC) Tel: (39) 0965 775180, Fax: (39) 0965781780, <a href="http://www.comune.melitodiportosalvo.rc.it">http://www.comune.melitodiportosalvo.rc.it</a>
Type of business or sector	Municipal Authority (10.000 inhabitants)

Dates	January 1980 – January 1987
Occupation or position held	Instructor
Main activities and responsibilities	<ul style="list-style-type: none"> <li>INSTRUCTOR IN URBAN PLANNING OFFICE (1983 - 1987). Responsible of a technicians group for supply collaboration and support to the planners of the local urban plan - P.R.G. (Catanzaro, 1984). Thematic cartography supplied to external planners of the local urban plan. Classification of characteristics, services and infrastructures, location areas with unauthorized buildings. Relations for projecting urban plans Starting procedures for new plans with buildings of public interest. Preliminary investigation of plans. Procedures of preliminary investigation for verifying respect existing norms on architectural feature that denies accesses to handicapped people. Studies and proposals, plans for eliminating those architectural features denying accesses to handicapped people from urban roads. Data collection for writing norms for allowing accesses to handicapped; spread of the existing norm to technicians and professionals. "Nomadic" plan coordination for formulating proposals and solutions for allocation of a new nomads area.</li> </ul>
Main activities and responsibilities	<ul style="list-style-type: none"> <li>INSTRUCTOR AT TECHNICAL OFFICE (1980 - 1983); Planning of public buildings - collaboration. Preliminary planning of the "Casa del Turista" for tourist services in Catanzaro Lido. Studies of feasibility. Analysis for the realization of a fish market in Catanzaro Lido.</li> </ul>
Name and address of employer	City Council of Catanzaro – Viale Jannoni - 88100 Catanzaro - Tel: (39) 0961 8811
Type of business or sector	Municipal Authority (100.000 inhabitants)
Dates	August - November 1979
Occupation or position held	Instructor
Main activities and responsibilities	<ul style="list-style-type: none"> <li>COORDINATOR OF A GROUP FOR COLLECTING DATA ON BUILDING PATRIMONY OF I.A.C.P. Collection, elaboration and restitution data for consistency survey on building patrimony of the Institute. Classification buildings and users characteristics, hygienic and sanitary situations for maintenance</li> </ul>
Name and address of employer	REGIONAL COMPANY FOR PUBLIC RESIDENTIAL BUILDING (ATERP) IN CATANZARO, EX INDEPENDENT INSTITUTE FOR PUBLIC HOUSING (IACP), I - 88100 Catanzaro
Type of business or sector	Residential Public Buildings
Dates	June 1978 – August 1979
Occupation or position held	Instructor
Main activities and responsibilities	<ul style="list-style-type: none"> <li>RESPONSIBLE OF A TECHNICAL GROUP FOR COLLECTING, ELABORATING AND GRAPHIC RESTITUTING URBAN DATA FOR CONSTITUTING PLANNING OFFICES INSIDE "PROGETTO URBANISTICA" OF "REGIONE CALABRIA". Survey of the consistency status of building patrimony, for localizing unauthorized buildings in S. Maria in Catanzaro. Classification buildings and users characteristics, hygienic and sanitary situations for maintenance, infrastructural equipments and services, with the University Institute of Architecture (IUSA) of Reggio Calabria. Location destination susceptibility urban planning of several areas. Constituting a database for urban planning programs. Elaboration of thematic cartographies</li> </ul>
Name and address of employer	REGIONE CALABRIA, Viale De Filippis, I-88100 Catanzaro
Type of business or sector	Regional Authority

## Personal skills and competences

Mother tongue(s)

**Italian**

Other language(s)

Self-assessment

European level (\*)

**English**

**French**

**Spanish**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	C2	Mastery	B2	Independent user	B2	Independent user	B2	Independent user
A2	Basic user	B1	Independent user	A2	Basic user	A2	Basic user	A2	Basic user
A1	Basic user	B1	Independent user	A1	Basic user	A1	Basic user	A1	Basic user

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

My knowledge of the English language declared is supported by an IELTS - Academic - certification of 23/06/2011, exam in Rome on 11/jun/2011:

Listening: 5.5

Reading: 7.0

Speaking: 5.5

Writing: 5.5

**Overall Band Score: 6.0 (C1 - Proficient user - of CEFR)**

Social skills and competences

- Team spirit, acquired both during the university formation, in the professional job and also in leisure activities (sport: basket, four years);
- good ability to adapt to international and multicultural environments, gained especially through the last experience of formative training at the European Space Agency (ESA);
- good communication clear and precise skills both orally and in writing, gained both in scholastic and in cultural association participation, sports and in voluntary work (cultural, at the time of high school), during the university, post-university experiences and in working;
- analysis and problem solving: identifying the basic facts in the complex issues and developing creative and practical solutions;
- learning, developing and improving personal skills and knowledge of the organization and its environment.

Organisational skills and competences

- manage projects,
  - leadership (in working, as responsible for a team of 8-12 people);
  - sense of the organization;
  - experience in management of team project;
  - organizing events (meetings, seminars, gained during doctoral studies.);
  - inclusion in particular organizational contexts (work by objectives);
  - ability to address the specific job (as accountability to results, precision, resistance to stress, acquired working);
  - quality of work and results, taking initiative and assuming personal responsibility to perform the work with a high level of quality and in compliance with the procedures established;
  - identification of priorities and organizational mind: I'm capable of handling the most important functions based on priorities, I'm flexible in the work maintaining effectiveness even with a heavy workload, so it is possible to operate in a positive organizational problems and to adapt to changes in the working and efficiently organize the workload;
  - in teamwork, work with others in the group and across, and respecting the differences among people;
  - when in leadership position (in several working occasions), managing, developing and motivating the human resources to achieve results;
- All abilities acquired working and in leisure activities..

Technical skills and competences

I'm able to manage information systems of personnel (salaries, attendance and absences, travel expense reports, budgets, personnel, access control, and activities management by Cost Centers); able to manage administrative proceedings meeting standards, all skills acquired through work.



## Computer skills and competences

COMPUTER SKILLS, acquired both by personal interest and during university (also in the second course of degree) and post-university studies:

### OPERATIVE SYSTEMS

multi-user: MS-Windows for workgroup, Windows 2000, NT (rel. 4.0), XP, Vista;  
stand-alone: MS-DOS, from releases 2.x to 7.0, on mini and personal computers; Mac/OS until release 7.0 on platforms Motorola 680x0 and Power PC; MS-Windows 3.x, 95/98, 2000, NT and XP workstation, Vista on platforms Intel; Linux Ubuntu on Virtual Machine of VMware;

### PROGRAMMING LANGUAGES:

RPN logic on mini-calculators Hewlett-Packard, fundamentals of ForTran 7x on platforms D.O.S.; fundamentals of Basic in DOS and Visual for MS-Windows; fundamentals of programming in "C" and "C++" on environment Unix, DOS and Windows; advanced programming websites and graphic interfaces in HTML and JavaScript;

### UTILITIES AND OFFICE AUTOMATION:

Skills partially documented by the acquisition of the ECDL – European Computer Driving Licence; in DOS: word processing MS-Word until release 6.0;  
in Windows: word processing in MS-Word from release 2.0 to 2007; advanced spreadsheet on MS-Excel from release 4.0 to 2007; databases on MS-Access '97, 2000, 2003 and 2007; multimedia presentations in MS-PowerPoint 4.0 to 2007; Ms Project until release 2003; suites MicroSoft until releases 2007; suites OpenOffice.org until release 3.1;  
in Mac/OS: word processing in MS-Word until release 5.0; advanced spreadsheet on MS-Excel; databases on MS-Access; multimedia presentations in Hypercard and in MS-PowerPoint; advanced use of integrated suites MicroSoft;  
in network: fundamentals of databases with SQL Server in Intranet; presentations in MS-FrontPage, HomeSite; Top Style for style sheets; scheduling and emailing on integrated suites and MicroSoft suites until releases 2007, e-messengers stand-alone and multi-users with InterNet Explorer and Outlook Express until release 8, editing of websites with MS-Internet Explorer until releases 8; frequent use of other browsers: Mozilla Firefox, Opera, Google Chrome, Apple Safari;

### PROJECTING:

structures: use of Finite Element Analysis (FEA) Software System for structures and continuous with linear and non linear behaviour, in static and dynamic field -in seismic areas -: Straus (STRAND6 and STRAND7 for MS-Windows 95/98); for projecting and verifying also anti-seismic structures: CDS release 15 for MS-Windows 95/98;  
tensile structures: use of software for projecting tensile structures and verifying dynamic action of wind: ForTen from release 2.0 to 32 for MS-Windows 98 and NT/2000;

### C.A.D.:

advanced use of AutoCAD (in model space and layout, from 2D design to solid model 3D and multiple view 2 and 3D, mesh and rendering) from release 13 to LT '97, 14.xx until release 2000i and 2005 for MS-Windows 95/98 and NT/2000/XP; ArchiCad from release 4.5 to 9.0 for MS-Windows 95/98 and NT/2000/XP, last releases of ArchiCad (Radar-Ch) and MiniCad per Mac/OS; 3D Studio Max; fundamentals of applications AutoCAD for territory: Autodesk Map and CAD Overlay;

### D.B.M.S.:

commercial software: MS-Access from 97 to 2007; fundamentals of SQL Server;  
free and Open Source software: RDBMS MySQL, fundamentals of ORDBMS PostgreSQL;

### G.I.S.:

Skills partially documented by the acquisition of the certification ECDL (European Computer Driving Licence) for GIS, endorsed by the ECDL Foundation, being an examiner ECDL GIS;  
vector: use of ESRI-ArcView from release 3.x to 8.1 for MS-Windows 98 and NT/2000/XP; use of InterGraph-GeoMedia from release 4.0 to 5.0 for MS-Windows 98 and NT/2000; use of interfaces MapInfo (vector and raster) from release 5.5 to 7.5 on MS-Windows 98 and NT/2000/XP; fundamentals of ESRI-ArcGis to release 9.3 for MS-Windows Vista; MapInfo from release 5.5 to 8.5 on MS-Windows Vista;  
raster: use of Idrisi 32 release two by Clark Labs – Clark University - on MS-Windows 98 and NT/2000/XP; use of ER Mapper releases 6.1 and 6.3 on MS-Windows 98 and NT/2000, release 6.4 on MS-Windows XP, release 7.1 on MS-Windows XP and Vista; use of ERDAS Imagine releases 8.4 e 8.6 on MS-Windows NT/2000 and XP, ERDAS release 9.3 on MS-Windows Vista; use of ENVI by RSInc. to release 4.0 on MS-Windows 98, NT/2000 and XP, 4.5 on Vista;  
free and Open Source GIS vector and raster: use of gvSIG; fundamentals of Kosmo, QuantumGIS and PostGIS (spatial extensions of ORDBMS PostgreSQL); use of the tools of Sextante for gvSIG;

### IMAGE ANALYSIS AND CLASSIFICATION TOOLS:

OBIA: use of eCognition by Definiens Imaging GmbH, software for Object Based Image Analysis, releases 3.0 and 4.0 on MS-Windows NT/2000, releases 5.0 and 7.0 (named Definiens Developer) on MS-Windows Vista;

### GRAPHICS:

vector/bitmap: use of applications MS-Windows; for scanners, raster and vector graphic: fundamentals of CorelDraw and Corel Photo Paint from release 7.0 to 9.0 for MS-Windows 95/98 and NT/2000/XP; use of Adobe PhotoShop from release 4.0 to 8.0.1 for MS-Windows 95/98 and NT/2000/XP/Vista; use of MacDraw II for Mac/OS and PaintShop Pro for Mac/OS and MS-Windows 3.x, 95 and NT/2000/XP;

### STATISTICS:

fundamentals of analysis and representation of data interfaced to graphic applications (bitmap or G.I.S. MapInfo and ArcView); fundamentals of SAS (Statistical Analysis System).

Artistic skills and competences	<ul style="list-style-type: none"> <li>• Design and architectural project, acquired during university formation;</li> <li>• Writing, through leisure activities (some little poems were published);</li> <li>• Music - only listening educated and aware (good knowledge of Classical music)</li> <li>• Painting, when I was a girl.</li> </ul>
Other skills and competences	<p>CULTURAL AND PROFESSIONAL:</p> <ul style="list-style-type: none"> <li>• SELECTED as reporter at GEOESPLORA WORKSHOP 2004, about "Il Piano Generale Impianti di Melito di Porto Salvo" Session: URBANISTICA, FISCALITÀ E MARKETING TERRITORIALE, theme: "Integrazione delle banche dati comunali" (Rome, 26 and 27 May 2004).</li> <li>• Registered at REGISTER OF THE PROFESSIONAL CHAMBER OF ARCHITECTS, PLANNERS, LANDSCAPERS AND CONSERVATIVES OF THE PROVINCE OF REGGIO CALABRIA, SECTION "A", FIELD "ARCHITECTURE", n° 1653.</li> </ul> <p>SPORT PRACTISING:</p> <ul style="list-style-type: none"> <li>• FENCING: <ul style="list-style-type: none"> <li>- in Catanzaro Fencing Club of Classico High school "Galluppi" from 1968 to 1972, participating to Regional Championship;</li> <li>- in Naples Center Sport University (CUS Napoli) from 1973 to the 1974 (year of birth of the first son).</li> </ul> </li> <li>• BASKET: in San Michele Catanzaro Sport Society (then in the national series with other name) from 1968 to the 1972, also in Regional Championship;</li> </ul> <p>ATHLETICS: Long Jump finalist in Provincial of Athletics of 1972 (only representative of Classico High school "Pasquale Galluppi" of Catanzaro who reached the finals)</p>
Driving licence	Car driving licence (B type)
<b>Additional information</b>	<ul style="list-style-type: none"> <li>• other studies and voluntaries activities:  Researches at the State Archives and the Archaeological Office (Reggio Cal., 1992-1998); at manufacturer companies of industrial components for building (Catanzaro, 1985) on industrial sheds production; on Public Health plan of the Region Calabria (Reggio Cal., 1978); cadastral researches and historical reconstruction of a block in a historical centre - analysis of building typologies (Naples, 1973-1974); photographic relief and graphic restitution of the Spaccanapoli street, the first never realized (Naples, 1972-1973); data collection and elaboration for analyzing requirements of the Carmine quarter (historical center) for proposing a plan of development (Catanzaro, 1971-1972).</li> </ul>

## Additional information

### • IMPORTANT PUBLICATIONS:

1. Bilotta G., Metodologie avanzate applicate allo studio dell'uso della terra, MondoGIS ediz., Cartographica n. 12, Roma, aprile 2005 - ISSN 1128-8175;
2. Bilotta G., Barrile V., "Metodologie "Strutturali" su immagini Satellitari per l'analisi Urbana e Territoriale – XI ASITA 2007, Torino, pp 267-272 - ISBN 978-88-903132-0-2;
3. Bilotta G., Barrile V., An application of object-oriented analysis to very high resolution satellite data on small cities for change detection" – 3a WSEAS (World Scientific and Engineering Academy and Society) Conference on REMOTE SENSING - Proceedings, Venezia, 2007 - ISSN: 1790-5117 - ISBN: 978-960-6766-18-3;
4. Bilotta G., Barrile V., Object-oriented analysis applied to high resolution satellite data – Wseas Transactions on Signal Processing, Volume 4, March 2008, pp. 68-75 - ISSN: 1790-5052;
5. Armocida G, Barrile V., Bilotta G, Sistema integrato per il rilievo e la gestione del catasto delle aree incendiate, XII Conferenza Asita, L'Aquila, 2008 - ISBN/ISSN 978-88-903132-1-9;
6. Bilotta G., Barrile V., Pannuti F., "A comparison between methods – a specialized operator, object oriented and pixel-oriented image analysis – to detect asbestos coverages in building roofs using remotely sensed data" – The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. Vol. XXXVII. Part B8. Beijing 2008, pp. 427-433 – ISSN 1682-1750;
7. Bilotta G., Barrile V., "An Application of Remote Sensing: Object-Oriented Analysis of Satellite Data" – The International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences. Vol. XXXVII. Part B8. Beijing 2008, pp. 107-113 – ISSN 1682-1750;
8. Barrile V., Meduri G., Bilotta G., Laser scanner surveying techniques aiming to the study and the spreading of recent architectural structures, "RECENT ADVANCES IN SIGNALS AND SYSTEMS", Proceedings of the 9th WSEAS International Conference on SIGNAL, SPEECH AND IMAGE PROCESSING (SSIP '09), pp. 92-95, ISSN: 1790-5109, ISBN: 978-960-474-114-4; and also on another journal of the same editor "Recent Advances in ENGINEERING MECHANICS, STRUCTURES and ENGINEERING GEOLOGY", Proceedings of the 2nd WSEAS International Conference on ENGINEERING MECHANICS, STRUCTURES and ENGINEERING GEOLOGY (EMESEG '09), pp. 25-28, ISSN: 1790-2769, ISBN: 978-960-474-101-4;
9. Barrile V., Bilotta G., Di Capua F., GIS for calculating electromagnetic field, "Recent Advances in URBAN PLANNING and TRANSPORTATION", Proceedings of the 2nd WSEAS International Conference on URBAN PLANNING and TRANSPORTATION (UPT '09), pp. 117-124, ISSN: 1790-5109, ISBN: 978-960-474-114-4;
10. Barrile V., Armocida G., Bilotta G., GIS supporting the Plan of BTS (Base Transceiver Stations) for mobile network in urban context, "Wseas Transactions on COMMUNICATIONS", Issue 8, Volume 8, August 2009, pp.775-784, ISSN: 1109-2742;
11. Barrile V., Armocida G., Bilotta G., Remote Sensing Imagery for Soil Characterization: a Wavelet Neural Data Fusion Approach, "Recent Advances in Remote Sensing", Proceedings of the 5th WSEAS International Conference on Remote Sensing (REMOTE '09), pp. 33-38, ISSN: 1790-2769, ISBN: 978-960-474-129-8

### • sent for publication:

- on "MondoGIS - TECHNICAL INFORMATION REVIEW ABOUT GEOGRAPHICAL INFORMATION SYSTEMS AND REMOTE SENSING" "Il Piano Generale Impianti del Comune di Melito di Porto Salvo" relation for GeoEsplora Workshop 2004 on Integration municipal databases and Urban planning, fiscality and territorial marketing.

- Thesis of Master Degree in Architecture in course of publication, cured by Proff. Rosary Giuffré and G. Foti: "Metodologie e strumenti per una progettazione ambientale localizzata: Locri", relative to planning some tensile structures in the archaeological area of Locri Epizephirii;

- Study about "Una Torre" (relation and tables of analysis and plan on the coastal system of towers for sighting) realized inside studies of Architectonic Restoration cured by Prof. Massimo Lo Curzio.

• other information:

1. Member of the Italian Association of Regional Sciences (AISRe), Italian section of the Regional Science Association International.
2. Selected to Reporting to GeoEsplora Workshop 2004, about "Il Piano Generale Impianti del Comune di Melito di Porto Salvo" Session: Urban planning, fiscality and territorial marketing, "Integration of municipal databases" (Rome, 26-27 May 2004).
3. Selected To Reporting to GeoEsplora Workshop 2005, about "Traditional and advanced methodologies applied to land use change in the area of the Municipality of Melito di Porto Salvo" Session: Satellitar Ortophoto and images (Rome, 26 May 2005).
4. Usefully Registered in Register of Advisers and Teacher Formez for Geographical Information Systems.
5. Called, though still not attending a PhD, to selection for the Fellowship Research Project IPSC/2005/2031 (interview of 13.12.2005, Ispra - VA) - project "Large Scales Imagery for Mapping and Cadastre (MARS-PAC)" at the JRC of the European Commission; then was selected a candidate attending a doctorate.
6. Registered in Short List of CNIPA (National Center For Computer Science In Public Administration) for assignment of consultant for technical attendance and operating support to Regions and local Agencies for realizing measures by POR (in regions of Objective 1 for the performance of the regional Plans of the information society and collaborations and advising by the CNIPA inside the plans of competence - Specialist Senior Geographical Information Systems.
7. Contribution to the consultation for "i2010 – A European Information Society for growth and employment"- Communication from the Commission to the Council, the European Parliament, the European Economic and Social Committee and the Committee of the Regions Adopted on 1 June 2005. Mine is one of the two single contributions sent by Italians (three others are of Universities and Institutions); contribution published on European Union website.
8. Contribution to the Consultation on eAccessibility and eInclusion inside the Information Society, on the European market of the ICT and the role of the Public Authorities, promoted by European Commission.
9. Selected to Reporting at XXVII Scientific Conference of AISRe, in Pisa from 12 to 14 Oct. 2006.
10. I lectured as expert of Geographic Information Systems in a training course about "GPS (Global Positioning System) - Theory, practice and applications" sponsored by the Chamber of Architects PPC of the Province of Reggio Cal., State Technical Institute for Surveyors "A. Righi" and the Leica Geosystems SpA, with the participation of the Cadastre Office of Reggio Calabria, at the Faculty of Architecture, University Mediterranean of Reggio Calabria from 26 September to 11 October 2007.
11. From 2007 I collaborate voluntarily as expert in Object Based Image Analysis to researches conducted on satellite images by Associated Professor Vincenzo Barrile, teacher of Remote Sensing at the University of Reggio Calabria, Faculty of Engineering, Department DIMET.
12. Lectures as expert of Remote Sensing and Geographic Information Systems in an I.F.T.S. course (Istruzione e Formazione Tecnica Superiore, as English HTE - Higher Technical Education) of Remote Sensing, at I.P.S.I.A. (Professional State Institute for Industry and Agriculture) "Leonardo Da Vinci", in Lamezia Terme (CZ- Italy), during year 2009 (27 hours);
13. Lecture of Remote Sensing on 22 January 2009 at the Doctorate School of University IUAV of Venice, Tolentini, 191 Santa Croce, on OBIA (Object Based Image Analysis): "Remote sensing: Classification of satellite images - high resolution and urban gardens: From the pixel to the object based analysis";
14. Lecture of Remote Sensing on 21 May 2009 in place of Prof. Maurizio Fea in the Degree course in Geographic Information Systems of University IUAV of Venice, Faculty of Urban and Regional Planning, Ca' Tron, 1957 Santa Croce (8 hours).
15. Organization of two seminars for the Doctorate School of University IUAV of Venice: "IFSAR - InterFerometric Synthetic Aperture Radar", lecturer Mauro Mason of Intermap; "Umanità vista da lontano", lecturer Martino Pesaresi of JRC-IPSC.
16. Implementation of a database of sensors and satellites as part of a common research of doctorate NT&ITA (New Technologies and Information Land and Environment) of the Doctorate School of University IUAV of Venice.
17. I got my ECDL Certification Specialised - GIS, No. GIS000107 skills card issued by the test center UU\_01-AICA after passing the three modules for the ECDL-GIS in the examinations held in Rome on 28 September 2007 and 20 November 2009 by AICA (Italian Association for Informatics and Automatic Computation).
18. I got on 20 November 2009 my Certificate GIS - Geographic Information Systems - EXAMINER - Endorsed BY ECDL Foundation (ECDL-Examiner GIS) in the Workshop held in Rome by AICA.
19. I got on 23 June 2011 my IELTS Academic Certificate (Lev. 6.0, CEFR C1), after my exam in Rome on 11 June 2011 by the British Council.