# Europass
# Curriculum Vitae

## Personal information

| | |
|---|---|
| First name(s) / Surname(s) | **Stefania Morrone** |
| Address | Via C. Alvaro, 3 87040 Mendicino CS (Italy) |
| Telephone(s) | (+39) 0984631318          Mobile │ (+39) 3485628996 |
| E-mail(s) | s.morrone@epsilon-italia.it |
| Nationality | Italian |
| Date of birth | 08/07/1968 |
| Gender | Female |

## Occupational field

**Geographic Information Systems (GIS), Spatial Data Infrastructures, Remote Sensing, Database Management & Business Intelligence Expert**

## Work experience

| | |
|---|---|
| Dates | 1994 to date → |
| Occupation or position held | GIS / SDI / DBMS / BI Expert |
| Main activities and responsibilities | |

She's deeply involved in activities related to the implementation of the INSPIRE (Infrastructure for Spatial Information in Europe) European Directive with particular reference to:

- datasets and metadata encodings
- schema transformation from heterogeneous source schemas to INSPIRE Data Specifications target schemas
- optimisation of the encoding rules for a better visualization of the GML files in GIS tools
- procedures for harmonization and validation of datasets and metadata against the requirements contained in the *INSPIRE* Directive,  both using Proprietary software and Open Source Software.
- interoperability of geo-webservices
- validation and testing of the different SDI components.

She is member of the pool of experts of the INSPIRE MIG (Maintenance and Implementation Group).

She's expert in the design and implementation of DataWarehousing applications focusing on the production of reports and data-driven graphs.

She's member of the pool of experts involved in activities related to INSPIRE data harmonization, defined in the European Environment Agency Specific Contract N°3325/B2016/EEA.56527, implementing Framework service contract N°EEA/IDM/15/014-lot2 (Geospatial Standards and UML Modelling - Lot2). Epsilon Italia is partner of the consortium led by KU Leuven  - Leuven Research & Development - Waaistraat 6-bus 5105 - 3000 Leuven – BELGIUM

She's been involved in the activities of data modelling, data harmonization and validation in the frame of the following international projects:

- "GeoSmartCity - Open geo-data for innovative services and user applications towards Smart Cities", (www.geosmartcity.eu), cofunded by DG CONNECT of the EC within the ICT-PSP (Policy Support Programme), coordinated by GISIG (IT). The project contributes to the Smart City implementation focusing on two different scenarios: Green-Energy scenario targeting the diffusion and the management of renewable energy within cities, and Underground scenario, aiming to support integrated management of underground utility infrastructures. A cross-platform open hub will be created able to publish geographic information and to provide specialized services based on open standards.

- "LINKVIT - Leveraging INspire Knowledge into Vocational Innovative Training", (www.linkvit.eu), cofunded under the LLP (Life Learning Programme) Leonardo da Vinci of the European Commission and coordinated by GISIG (IT). The project addresses the vocational training aiming to support the practical implementation of the INSPIRE Directive. She has collaborated to the adaption of vocational training modules according to the relevant national Italian requirements.

- "LIFE+IMAGINE - Integrated coastal area Management Application implementing GMES, INSPIRE and SEIS data policies" (www.life-imagine.eu), is a project co-funded by the LIFE+ Programme Environmental Policy and Governance in the framework of the objective "strategic approaches", coordinated by GISIG. The project deals with the integrated management of coastal zone and the implementation of the related environmental policies, aiming to support planning and decision making and focusing on Landslides and Soil consumption in coastal zones.

- "eENVplus – eEnvironmental services for advanced application within INSPIRE", an ICT-PSP cofounded project coordinated by GISIG (IT), supporting at European and national levels the implementation of INSPIRE and SEIS through deployment and integration of eEnvironmental services and application (www.eenvplus.eu). Within this project she is responsible for the design and implementation of the eENVplus Validation Service providing executable tests to evaluate whether a GML dataset fulfils the requirements of the INSPIRE Directive.

- "ArcFUEL - Mediterranean Fuel Maps Geodatabase for Wildland & Forest Fire Safety", cofunded by the LIFE+ 2010 Programme of the European Commission. Within this project she's been involved in the creation of logically and semantically consistent mappings and subsequent transformation of data and metadata in order to obtain compliance to the requirements of INSPIRE Data Specification on Land Cover and INSPIRE Metadata Implementing Rules.

She's been involved in the creation of training modules and in dissemination activities (video tutorials, online hackathon and smeSpire day event) related to procedures and examples of data and metadata harmonization and validation in the frame of:

- "smeSpire - A European Community of SMEs built on Environmental Digital Content and Languages", an FP7 Support Action funded by DG Connect of the European Commission, aiming to support geo-ICT European SMEs to capitalize the benefits of the INSPIRE Directive, led by Epsilon Italia with a consortium with 15 partners coming from 12 EU Member States (www.smespire.eu).

She's been responsible for the informatics activities in the frame of the
- "ESST (Exploring Synergies for a Special Tourism)" - EU Project funded by Leonardo da Vinci (Learning Partnership) Programme, focusing on the matching between the increasing demand for equal opportunities by people with special needs and the traditional tourist vocation of the partners countries (Italy, Greece, Turkey). (www.lozenelartedi.org)

She's been responsible for the
- Design and Implementation of DataWarehousing applications in the frame of the Project "SIPITEC2" (http://sipitec.provincia.cosenza.it).
- Research Activities for the project "MIRASAT" (Methodology for the assessment of indicators of environmental risk by means of satellite remote sensing techniques) funded by the Scientific Research Department of the Calabria Region. (2008 – 2010).

| | |
|---|---|
| Name and address of employer | EPSILON ITALIA SRL, 79 Via Pasquali, 87040, Mendicino (CS), Italy |
| Type of business or sector | Research & Development in SDI (Spatial Data Infrastructures), Geomatics, Geographic Information Standards, Remote Sensing, Vocational Training. |
| Dates | 2006 to date |
| Occupation or position held | GIS / SDI / DBMS / BI Expert |
| Main activities and responsibilities | Expert in GIS / SDI / DBMS / BI tools management. Data modelling, data harmonization and validation activities related to INSPIRE Directive implementation, mostly in the frame of international projects. |
| Name and address of employer | D.P.G. Srl- Dynamic Precision Geometry - Zona Industriale - Lamezia Terme (CZ) - Italy |
| Type of business or sector | Design and development of industrial automation systems |
| Dates | 09/2011 - 11/2012 |
| Occupation or position held | Information Technology Manager |
| Main activities and responsibilities | Responsible for the secure and effective operation of all computer systems, related applications, hardware and software used within the company. |
| Name and address of employer | Sintax srl - Via Verdi - Rende (CS)- Italy |
| Type of business or sector | IT services |
| Dates | 07/2010 - 12/2010 |
| Occupation or position held | External consultant – BI expert |
| Main activities and responsibilities | Design and Implementation of a Datawarehousing application for support to decision making and optimization of business performance through in-depth analysis of the data and their representation through graphs and reports. |
| Name and address of employer | Saigese spa - Via Brenta -  87100 Cosenza- Italy |
| Type of business or sector | IT services |
| Dates | 03/1994 - 04/2001 |
| Occupation or position held | Software Maintenance Team Leader |
| Main activities and responsibilities | IT manager - Software developer - AS400 System analyst. |
| Name and address of employer | Department of Engineering, Università della Calabria Via Pietro Bucci - 87036 Arcavacata di Rende (Cs) - Italy |
| Type of business or sector | University |
| Dates | 06/1993- 11/1993 |
| Occupation or position held | Resercher |
| Main activities and responsibilities | Implementation and testing of new algorithms for the implementation of huge queue management systems |

## Education and training

| | |
|---|---|
| Dates | 02/2007 |
| Title of qualification awarded | Specialized training course "GIS - Geographic Information Systems" |
| Principal subjects / occupational skills covered | Concepts of mapping and reference systems. Management of raster and vector data (CAD, shapefile). Analysis of geographical data. Use of Geomedia Professional software. |
| Name and type of organisation providing education and training | EPSILON Italia srl, Kreade Inno. |
| | |
| Dates | 10/1986 - 08/04/1993 |
| Title of qualification awarded | Degree in Computer Engineering |
| Principal subjects / occupational skills covered | Computer science - Optimization algorithms and methods<br>Subject of the thesis: "New algorithms for the implementation of huge queue management systems ".<br>Full marks with honours (110 / 110 magna cum laude) |
| Name and type of organisation providing education and training | Università della Calabria<br>Via Pietro Bucci - 87036 Arcavacata di Rende (Cs) - Italy |

## Personal skills and competences

Mother tongue(s) | **Italian**

Other language(s)

Self-assessment

*European level (*)*

**English**

| Understanding | | | | Speaking | | | | Writing | |
|---|---|---|---|---|---|---|---|---|---|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user |

*(*) Common European Framework of Reference (CEF) level*

| | |
|---|---|
| Social skills and competences | Able to relate in a multicultural environment thanks to her love for travels and foreign cultures. - Self-motivated - Effective in public presentations. |
| Organisational skills and competences | Experienced in interaction with foreign partners in international projects -Team working and team leadership experience - Able to work under tight deadlines - Knowledgeable about project design and planning. |
| Computer skills and competences | High technical skills and competences with the use of Personal Computers both in Windows and Unix environment. |

Excellent knowledge of

- GIS software (ArcGIS - QGIS - Intergraph Geomedia Professional; GRASS)
- DBMS (Oracle, PostgreSQL/PostGis, MySql, Microsoft SQL Server)
- Programming languages (Java , C¬++, RPG, COBOL ), markup  languages  (HTML , XHTML, XML, GML) and rule-based validation language (Schematron);
- Technical sw tools (Enterprise Architect, Altova XMLSpy, OXygen XML Editor, Snowflake Go Publisher WFS, HALE);
- Pentaho Business Intelligence platform (Pentaho data integration (PDI), Schema Workbench (Mondrian, Jpivot), Metadata editor, Pentaho Design Studio, Weka)
- Good knowledge of Content Management System (CMS): Joomla , WordPress