



Europass Curriculum Vitae

Personal information

First name / Surname

Olga Caruso

Address

13, Via Fiume, 87100, Cosenza (CS), Italy

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E-mail

o.caruso@epsilon-italia.it

Nationality

Italian

Date of birth

08/06/1984

Gender

Female

Occupational field

Work experience

Dates

May 2016 to to date

Occupation or position held

GIS / SDI / DBMS /Junior Expert

Main activities and responsibilities

She is involved in the implementation of the INSPIRE (infrastructure for spatial information in Europe) European Directive, with particular focus on:

- the harmonisation of spatial datasets and metadata
- the schema transformation from heterogeneous source schemas to INSPIRE Data Specifications target schemas

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

June 2014 to to date

Occupation or position held

GIS / SDI / DBMS /Junior Expert

Main activities and responsibilities

Project: "i-locate - Indoor/outdoor location and asset management through open geodata", (www.i-locate.eu) cofunded by DG CONNECT of the European Commission within the ICT-PSP (Policy Support Programme), coordinated by Trilogis.

Epsilon Italia is responsible for the exploitation of the whole project results toward the private sector and SMEs in particular and for the establishment of liaisons with similar projects/initiatives.

The project creates a virtual hub for indoor open geographical data regarding public spaces (hospitals, public offices, shopping malls, museums etc) and an easy-to-integrate open middleware for indoor/outdoor tracking and management. The technology is validated in 14 pilot locations across Europe focusing on e-Health scenarios (e.g. hospitals, retirement houses) and other public services (e.g. museum, public offices etc.).

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

May 2016 to August 2016

Occupation or position held

Post-graduate research

Main activities and responsibilities

"Analysis of water demand for indoor utilization and irrigation"
Research project "Drinking Water"

Name and address of employer

DEPARTMENT OF CIVIL ENGINEERING, Università della Calabria, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy

Type of business or sector	University
Dates	December 2013
Occupation or position held	GIS / SDI / DBMS / Consultant
Main activities and responsibilities	Data Validation on sites for the project "ArcFUEL - Mediterranean Fuel Maps Geodatabase for Wildland & Forest Fire Safety", cofunded by the LIFE+ 2010 Programme of the European Commission, coordinated by Epsilon International SA (GR) (www.arcfuel.eu). Within this project he is responsible for the geodatabase design in conformity with the INSPIRE relevant data specifications and for the development and test of the remote sensing applications in Italy. (2011 - 2013).
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.

Education and training

Dates	January 2014 to date
Title of qualification awarded	PhD student on Civil and Industrial Engineering XXIX cycle
Principal subjects/occupational skills covered	Management of water distribution networks (WDNs) during emergency conditions
Name and type of organisation providing education and training	UNIVERSITÀ DELLA CALABRIA, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy
Dates	January 2013 to January 2014
Title of qualification awarded	Postgraduate Specialisation
Principal subjects/occupational skills covered	Expert on ntegrated and sustainable management of water-energy cycle in urban drainage systems
Name and type of organisation providing education and training	UNIVERSITÀ DELLA CALABRIA, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy
Dates	September 2013 to December 2013
Title of qualification awarded	Stage of 3 months for the Master Esperto di Gestione Integrata e Sostenibile del Ciclo Acqua – Energia nei Sistemi di Drenaggio Urbano
Principal subjects/occupational skills covered	Electrical Design of Satellite Telecommunication Systems and Components
Name and type of organisation providing education and training	EPSILON ITALIA SRL, 79 Via Pasquali, 87040, Mendicino (CS), Italy and UNIVERSITÀ DELLA CALABRIA, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy
Dates	September 2012
Title of qualification awarded	Master Degree
Principal subjects/occupational skills covered	Aqueducts and Sewers, Water Resources Management, Hydraulic Engineering, Hydrology, Marine Construction, Protection of the Coasts, Transport systems, Structural Engineering. Thesis on "Determinazione del trasporto solido fluviale mediante misure di campo. Il caso del fiume Savuto"
Name and type of organisation providing education and training	UNIVERSITÀ DELLA CALABRIA, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy
Dates	September 2012
Title of qualification awarded	Bachelor Degree
Principal subjects/occupational skills covered	Structural Engineering, Hydraulics, Hydraulic Structures, Geotechnical, Transport
Name and type of organisation providing education and training	UNIVERSITÀ DELLA CALABRIA, via Pietro Bucci, 87036 Arcavacata di Rende (CS), Italy

Dates	December 2004																														
Title of qualification awarded	European Trinity Certification																														
Name and type of organisation providing education and training	TRINITY COLLEGE LONDON																														
Personal skills and competences																															
Mother tongue(s)	Italian																														
Other language(s)																															
Self-assessment																															
European level (*)																															
English	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>B2</td> <td>Indipendet user</td> <td>B2</td> <td>Indipendet user</td> <td>B1</td> <td>Indipendet user</td> <td>B1</td> <td>Indipendet user</td> <td>B1</td> <td>Indipendet user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				B2	Indipendet user	B2	Indipendet user	B1	Indipendet user	B1	Indipendet user	B1	Indipendet user
Understanding				Speaking				Writing																							
Listening		Reading		Spoken interaction		Spoken production																									
B2	Indipendet user	B2	Indipendet user	B1	Indipendet user	B1	Indipendet user	B1	Indipendet user																						
	(*) <i>Common European Framework of Reference for Languages</i>																														
Computer skills and competences	Technical skills and competences with the use of Personal Computers: Internet, Office Automation, Autocad, Autocad LT, Archicad, QGis, Epanet, Matlab, Hec-Ras, HEC-HMS Watercad, Epa-SWMM, Primus, Spatial Data and Metadata Transformation and Validation tools (HALE, Snowflake Software – Go Publisher, Go Loader, Oxygen, XML Spy), UML (Enterprise Architect).																														
Driving licence	Italian Driving Licence B																														
Additional information																															
Dates	July 2014																														
Title of qualification awarded	Safety Coordinator during Design Phase / during Execution Phase																														
Name and type of organisation providing education and training	ORDINE DEGLI INGEGNERI DELLA PROVINCIA DI COSENZA Via Massaua, 25, 87100 Cosenza CS																														
Publications	<ol style="list-style-type: none"> [1] Fiorini Morosini A., <u>Caruso O.</u>, Veltri P. e Costanzo F., <i>Management of water distribution systems in emergency conditions with a nodal demand control by a calibration approach</i>, 2nd EWaS International Conference [2] Fiorini Morosini A., <u>Caruso O.</u>, Veltri P. e Costanzo F., <i>Water Distribution Network Management in Emergency Conditions</i>, 13th Computer Control for Water Industry Conference, CCWI 2015, September 2015. [3] Fiorini Morosini A., <u>Caruso O.</u>, Costanzo F. e Veltri P., <i>La gestione delle reti idriche in condizioni di emergenza attraverso il controllo delle portate erogate ai nodi. Un approccio attraverso le tecniche di calibrazione</i>, Sesto Seminario Nazionale su “Efficienza e risparmio energetico dei sistemi idrici”, Luglio 2015. [4] Costanzo F., Fiorini Morosini A. e <u>Caruso O.</u>, <i>Gestione e efficientamento delle reti idriche mediante il recupero energetico diffuso</i>, Sesto Seminario Nazionale su “Efficienza e risparmio energetico dei sistemi idrici”, Luglio 2015. [5] <u>Caruso O.</u>, <i>Utilizzo di GIS per la gestione di basi dati relative ai tetti verdi provenienti dai siti sperimentali di progetto</i>, Relazioni attività di tirocinio del Master Universitario di II livello PON01_02543/F2 – Esperto di gestione integrata e sostenibile del ciclo acqua-energia nei sistemi di drenaggio urbano. 																														