

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **SILVIA DE ANGELI**
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 Nationality Italian
 Date of birth 11/05/1989

Work experience

Dates	7 April 2014- Present
Occupation or position held	Risk Manager Trainee
Name and address of employer	CIMA Foundation, Via Magliotto 2, 17100 Savona (Italy)
Main activities and responsibilities	RASOR Project development: analysis of relevant literature on vulnerability from natural hazards, development of a methodology for systemic vulnerability of territorial networks, development of a methodology for creation and analysis of risk scenarios, use of GIS for creation and analysis of risk scenarios.
Supervisors	Tutor of the promoter (University of Genoa): Prof.G.Boni giorgio.boni@cimafoundation.org Tutor of the host organization (CIMA Foundation): Doc. Eva Trasforini eva.trasforini@cimafoundation.org
Dates	1 March 2014 - Present
Occupation or position held	Occasional collaboration agreement
Name of employer	Stefania Traverso – Geospatial Intelligence and GIS Advisor
Main activities and responsibilities	Worldwide legislation concerning geospatial data management and services for interoperability between systems
Dates	February 2014 – April 2014
Occupation or position held	Assistant to the Consultant Technician of the Public Prosecutor of Savona, Italy
Main activities and responsibilities	Technical consultancy on the landslide event and the train accident in Andora (SV), Italy (17.01.2014)

Dates	January 2011- February 2011
Occupation or position held	Internship at CIMA Foundation
Name and address of employer	CIMA Foundation, Via Magliotto 2, 17100 Savona (Italy)
Main activities and responsibilities	Knowledge and use of ArcGIS and OWIS platform, 3D building extrusion, element at risk identification and classification, vulnerability studies and damage maps creation.
Supervisor	Doc. Roberto Rudari <i>roberto.rudari@cimafoundation.org</i>
Dates	June 2007 – July 2007
Occupation or position held	Stage at a geological office
Name and address of employer	Doc. Corio Vittorio Via Vieusseux 8, 18100 Imperia (Italy)
Education and training	
Dates	2011 -2014
Title of qualification awarded	Master Degree in Environmental and Energy Engineering 110 with honours, 7 February 2014
Principal subjects / occupational skills covered	LANGUAGE OF INSTRUCTION AND EXAMINATION: English PRINCIPAL SUBJECTS: fluid dynamics, climate change dynamics, combustion processes & emissions control, heat and mass transfer, thermodynamics of multiphase systems, models & methods for environmental & energy systems, sustainable energy and resources (wind, hydro, solar, geothermal, biofuels, waste to energy, fuel cells), power systems control & optimization, wastewater treatment plants, industrial hazards and remediation, environmental impact assessment, natural risk management. MASTER THESIS: "Development of a multi-hazard and multi-users risk scenario methodology and application to a study case." In collaboration with CIMA Foundation, Savona, Italy and Vrije Universite Brussel, Belgium. Supervisors: Prof. G. Boni, Prof. M. Kervyn, Doc. R. Rudari, Eng. S. Traverso.
Name and type of organisation providing education and training	University of Genoa (Italy)
Dates	February 2013-July 2013
Title of qualification awarded	Erasmus Exchange - Master in Geography, Terrestrial Ecosystems and Environmental Change Attended exams: Natural Hazards Natural Risk Management Dynamics and Modelling of Glacial Systems Surface Water Hydrology
Name and type of organisation providing education and training	Vrije Universiteit Brussels (Belgium)
Dates	2008 - 2011
Title of qualification awarded	Italian Degree in Ingegneria dell' Ambiente (equivalent to a Bachelor of Science in Environmental Engineering) 110 with honors, 30 September 2011
Principal subjects / occupational skills covered	BACHELOR THESIS: "Digital Earth Action: vulnerability assessment of infrastructure networks finalized to emergency management." In collaboration with CIMA Foundation, Savona, Italy. Supervisors: Prof. L. Ferraris, Doc. E. Trasforini, Eng. S. Traverso.
Name and type of organisation providing education and training	University of Genoa (Italy)

Dates 2003 - 2008

Title of qualification awarded Italian Liceo Scientifico 100 with honors (High-school graduate)

Name and type of organisation Liceo Scientifico G.P. Vieusseux

providing education and training Imperia (Italy)

Personal skills and competences

Mother tongue(s) Italian

Other language(s)

Self-assessment

European level (*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Cambridge cert.	B2	Cambridge cert.	B2	Cambridge cert.	B2	Cambridge cert.	B2	Cambridge cert.
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Other skills and competences ENGLISH CERTIFICATE: FIRST, (English Language B2 level), 8th May 2008.

Driving licence(s) A, B

Additional information

Publications:

•"Assessment of infrastructure functional damages caused by natural-technological disasters", Massabò, Marco; Trasforini, Eva; Traverso, Stefania; Rudari, Roberto; De Angeli, Silvia; Cecinati, Francesca; Cerruti, Valentina.

EGU General Assembly 2013, held 7-12 April, 2013 in Vienna, Austria, id. EGU2013-12384

•"An augmented reality representation for the assessment of functional damages due to natural and natech disasters", S. Traverso, E. Trasforini, F. Cecinati, V. Cerutti, S. De Angeli, M. Massabò, R. Rudari, proceedings of the VGR conference, Pisa, October 2012,.

Projects:

•Digital Earth Action: Research project led by CIMA Foundation to evaluate the possible use of free GIS and EO sources to build natural disaster event scenarios in developing countries. The project has included three apprenticeships and six thesis projects.

Conferences:

•CIMA Foundation, Aphrodite Seminar: "The Digital Earth Action: an augmented knowledge of a virtual reality for risk scenarios representation and operational evaluation of damages", Ing. Stefania Traverso *Geospatial Intelligence Specialist*, S. De Angeli, F. Cecinati, V. Cerutti, F. Gardella *Environmental Engineers*, Savona, 27 January 2012.

•13th Plinius Conference – Mediterranean Storms, Savona (Italy), 7-9 September 2011: Presentation of a poster regarding Digital Earth Action.

Educational experiences:

•FOSS4G - Free and Open Source Software for Geospatial, East Midlands Conference Centre, Nottingham, UK, 17th-21st September 2013

•Short course on "Spatial Multicriteria Analysis for Environmental Decision-making", Dr. Davide Geneletti, Department of Civil and Environmental Engineering University of Trento, 19-21 September 2012, Trento.

•English language course (60 hours) at the Regent school in Oxford UK (from 3 September 2007 to 14 September 2007).