

## 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)

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| Dates  | January 2011- February 2011  |
| Occupation or position held                                    | <b>Internship at CIMA Foundation</b>   |
| 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                                    | <b>Stage at a geological office</b>  |
| Name and address of employer                                   | Doc. Corio Vittorio<br>Via Viesseux 8, 18100 Imperia (Italy)   |
| <b>Education and training</b>                                  |  |
| Dates  | 2011 -2014   |
| Title of qualification awarded                                 | <b>Master Degree in Environmental and Energy Engineering 110 with honours, 7 February 2014</b>   |
| Principal subjects / occupational skills covered               | <p>LANGUAGE OF INSTRUCTION AND EXAMINATION: English</p> <p>PRINCIPAL SUBJECTS: fluid dynamics, climate change dynamics, combustion processes &amp; emissions control, heat and mass transfer, thermodynamics of multiphase systems, models &amp; methods for environmental &amp; energy systems, sustainable energy and resources (wind, hydro, solar, geothermal, biofuels, waste to energy, fuel cells), power systems control &amp; optimization, wastewater treatment plants, industrial hazards and remediation, environmental impact assessment, natural risk management.</p> <p>MASTER THESIS:<br/>"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.</p> <p>Name and type of organisation providing education and training</p> <p>University of Genoa<br/>(Italy)</p> |
| Dates  | February 2013-July 2013  |
| Title of qualification awarded                                 | <b>Erasmus Exchange - Master in Geography, Terrestrial Ecosystems and Environmental Change</b>   |
| Attended exams:  | <p>Natural Hazards<br/>Natural Risk Management<br/>Dynamics and Modelling of Glacial Systems<br/>Surface Water Hydrology</p>   |
| Name and type of organisation providing education and training | Vrije Universiteit Brussels (Belgium)  |
| Dates  | 2008 - 2011  |
| Title of qualification awarded                                 | <b>Italian Degree in Ingegneria dell' Ambiente (equivalent to a Bachelor of Science in Environmental Engineering) 110 with honors, 30 September 2011</b>   |
| Principal subjects / occupational skills covered               | <p>BACHELOR THESIS:<br/>"Digital Earth Action: vulnerability assessment of infrastructure networks finalized to emergency management." In collaboration with CIMA Foundation, Savona, Italy.<br/>Supervisors: Prof. L. Ferraris, Doc. E. Trasforini, Eng. S. Traverso.</p> <p>Name and type of organisation providing education and training</p> <p>University of Genoa<br/>(Italy)</p>  |

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|---|--|------------------|---------|------------------|--------------------|------------------|-------------------|------------------|--|--|--|--|--|--|--|--|
| Dates   | 2003 - 2008  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Title of qualification awarded  | Italian Liceo Scientifico 100 with honors (High-school graduate)       |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Name and type of organisation providing education and training  | Liceo Scientifico G.P. Vieusseux<br>Imperia (Italy)                    |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <b>Personal skills and competences</b>  |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Mother tongue(s)  | <b>Italian</b>   |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Other language(s)   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Self-assessment   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <i>European level (*)</i>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <b>English</b>  | <b>Understanding</b>   |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
|   | Listening  |                  | Reading |                  | Spoken interaction |                  | Spoken production |                  |  |  |  |  |  |  |  |  |
|   | B2   | Cambridge cert.  | B2      | Cambridge cert.  | B2                 | Cambridge cert.  | B2                | Cambridge cert.  |  |  |  |  |  |  |  |  |
|   | B1   | Independent user | B1      | Independent user | B1                 | Independent user | B1                | Independent user |  |  |  |  |  |  |  |  |
| <b>French</b>   | <b>Writing</b>   |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
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| (*) <i>Common European Framework of Reference (CEF) level</i>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Other skills and competences  | ENGLISH CERTIFICATE: FIRST, (English Language B2 level), 8th May 2008. |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| Driving licence(s)  | A, B   |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <b>Additional information</b>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <p><b>Publications:</b></p> <ul style="list-style-type: none"> <li>•"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.</li> </ul> <p><i>EGU General Assembly 2013, held 7-12 April, 2013 in Vienna, Austria, id. EGU2013-12384</i></p> <ul style="list-style-type: none"> <li>•"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.,</li> </ul> |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <p><b>Projects:</b></p> <ul style="list-style-type: none"> <li>•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.</li> </ul>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <p><b>Conferences:</b></p> <ul style="list-style-type: none"> <li>•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 <i>Geospatial Intelligence Specialist</i>, S. De Angeli ,F. Cecinati , V. Cerutti, F. Gardella <i>Environmental Engineers</i>, Savona, 27 January 2012.</li> <li>•13th Plinius Conference – Mediterranean Storms, Savona (Italy), 7-9 September 2011: Presentation of a poster regarding Digital Earth Action.</li> </ul>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |
| <p><b>Educational experiences:</b></p> <ul style="list-style-type: none"> <li>•FOSS4G - Free and Open Source Software for Geospatial, East Midlands Conference Centre, Nottingham, UK, 17th-21st September 2013</li> <li>•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.</li> <li>•English language course (60 hours) at the Regent school in Oxford UK (from 3 September 2007 to 14 September 2007).</li> </ul>   |  |                  |         |                  |                    |                  |                   |                  |  |  |  |  |  |  |  |  |