

**EUROPEAN
CURRICULUM VITA
FORMAT**



PERSONAL INFORMATION

Name	Alessandra Coluccio
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E-mail	coluccioalessandra@tiscali.it
Nationality	Italian
Date of birth	September, 17 th 1986
Gender	Female

WORK EXPERIENCE

- Dates *June, 17th 2013 – September, 16th 2013*
- Name and address of employer Province of Cosenza, (CS), Italy
- Type of business or sector Area - Major Infrastructure Design
- Occupation or position held Stage activity
- Main activities and responsibilities Collaboration in the following activities: preparing valuations of variant, design of retaining structure, control of works in construction, management and organization of safety in construction (tunnels, bridges, retaining walls, ordinary and extraordinary maintenance of roads)

- Dates *May 2013 – July 2013*
- Name and address of employer Farms
- Type of business or sector Sector: Agriculture
- Occupation or position held Designer
- Main activities and responsibilities Drafting of request of participation in the announcement "PSR Calabria 2007-2013" (Rural Development Plan) consisting in the presentation of projects involving assistance for the improvement of agricultural holdings (such as construction and/or renovation of houses/educational farms, warehouses, agricultural storage, stores, stables, etc)

- Dates *October 2009 – October 2013*
- Name and address of employer Technical Office of the Architect Mirella Raspa, Roccella Jonica (RC), Italy
- Type of business or sector Architecture - Engineering
- Occupation or position held Collaborator
- Main activities and responsibilities Drafting requests of contribution regarding the announcement "POR Calabria FESR 2007-2013" and collaboration in the design and execution of private buildings

- Dates
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

September, 1st 2005 – August, 31st 2006

EUROCAL, Rende (CS), in collaboration with PAU Department of the University "Mediterranea" of Reggio Calabria (RC) Italy

Architecture - Cultural Heritage

Collaborator

Survey of buildings in the ancient streets of Roccella Jonica (RC) Italy and subsequent digitization of the information obtained

EDUCATION AND TRAINING

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

November, 11th 2013 – in progress

"Sapienza", University of Rome - Structural and Geotechnical Engineering department

Via Eudossiana, n° 18, Rome (RM) Italy

Studies of Geotechnical Modeling, Soil Mechanics, Rock Mechanics, Foundations, Slope Stability, Design of Tunnels and Underground Works

Second Level Postgraduate Master in Geotechnical Design (60 ECTS)

- Dates
- Name and type of organization providing education and training
- Title of qualification awarded

May, 29th 2013

Order of Engineers of Cosenza (CS) Italy

Registration in the Section A of the Professional Association of Engineers of Cosenza (National Engineer's Register) - n. 5736

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

March 11th 2003 – May 20th 2013

"Studio Erre Sicurezza", Via P. Schettini n°2, 87051, Aprigliano (CS) Italy

Training according to the provisions of Legislative Decree n. 81/08, concerning the dispositions on the accident prevention at temporary or mobile sites

"Security Coordinator for the design and execution of works in temporary and mobile construction sites"

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

May, 14th 2013

University of Calabria, 87036, Arcavacata di Rende (CS) Italy

Multidisciplinary approach as key investigation and prediction of the causes and effects of climate change on the ecosystem.

Participation at the International Workshop: "Ecohydrology - A multidisciplinary approach for a global view on climate change"

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

November, 14th – 16th 2012

"Right to the Future" - Presidency of the Italian Council of Ministers

A three day meeting of young graduates selected in Italy and the companies involved in the project through educational activities, conferences and job interview.

Participation in "**Campus Mentis – Milan**", Italy

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

October 2009 - July, 18th 2012

University of Calabria, 87036, Arcavacata di Rende (CS) Italy

Slope stability, Constructions in seismic area; Dynamics of structures, Dynamics of soils and rocks; Retaining Structures; Foundations

Master of Science in Civil Engineering with specialization in Geotechnical (120 ECTS)

Final degree mark: 110/110 cum Laude

Thesis title: "*Active earth thrust on retaining walls generated by two-layer embankment*" (elaboration of a computer program in Matlab language for the analysis of the active thrust in the case of embankments having layers with variable gradients and in any case different from the horizontal one)

- Dates
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

December, 16th 2011

Italian Institute of Project Management

Basic managerial knowledge, behavioural knowledge and methodological techniques

"Basic certification of Project Management"

- Dates

March, 29th 2011

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

University of Calabria, Faculty of Engineering – Calabria Energy Association

Methods and protocols for the assessment of sustainability criteria and examples of sustainable design; plant systems for energy management.

Participation in the workshop: "Sustainable Construction and Energy Efficiency"

- Dates

July, 10th – 16th, 2010

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

University of Calabria, Faculty of Engineering - Department of Urban Development Planning

Subjects related to the sectors of urban planning applied to the preservation and requalification of specific areas of Pollino National Park

Participation in the project: SUMMER SCHOOL 2010 - "Models of development for the rural landscapes of environmental value"

- Dates

October 2005 – December 2nd 2009

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered

University of Calabria, 87036, Arcavacata di Rende (CS) Italy

Geotechnical; Science and Construction Techniques; Hydraulic Construction and Transport Planning; Chemistry; Physics; Analysis; Topography; Environmental Geology

Bachelor's Degree in Civil Engineering (180 ECTS)

Final degree mark: 101/110

Thesis title: "Limit load of shallow foundations in strain-softening soil"

- Title of qualification awarded

- Dates

May, 22nd 2008

- Name and type of organization providing education and training
- Title of qualification awarded

Order of Architects, Planners, Landscapers and Conservationists of the province of Reggio Calabria, (RC) Italy

Participation in the training course: " Use of 3D Terrestrial Systems Scanners (in architecture and environmental, structural, archaeological and industrial field)"

- Dates

November 2006

- Name and type of organization providing education and training
- Title of qualification awarded

University of Calabria, 87036, Arcavacata di Rende (CS) Italy, made by the University Language Centre, and certified by the "Cambridge Esol"

PET - Preliminary English Test

- Dates

September 2000 – June 2005

- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

Scientific High School "P. Mazzone", 89047 Roccella Jonica (RC) Italy

Skills related to the thematic areas that characterized the course of study attended in the secondary school: Physics, Mathematics, Philosophy, Latin, Literature and History.

Scientific High School – Final mark 98/100

PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ITALIAN

ENGLISH

- Good
- Good
- Good

SOCIAL SKILLS
AND COMPETENCES

Good communication and interpersonal skills developed both in the university (reports/ group projects), and during working and stage activities.
During these assets have been acquired ability of listening, communication and interaction with others, building personal and professional relationships inside the group, flexibility and adaptability.

ORGANIZATIONAL SKILLS
AND COMPETENCES

Good ability of organizing and planning working activities, both independently and in groups.
The work experiences have helped to develop excellent organizational skills for analysis, sharing and team resolution of technical and organizational problems in order to optimize the planned activities.

In particular have been acquired the working methods typical of engineering with good skills in the use of software and the most common equipment of a technical study.

TECHNICAL SKILLS
AND COMPETENCES

Operating Systems:

- Excellent knowledge of Windows operating system

Software:

- Excellent knowledge of Microsoft Office package:

Excel: Level Excellent

Word: Level Excellent

PowerPoint: Level Excellent

Outlook: Good Level

- Excellent knowledge of AutoCad
- Excellent knowledge of Primus
- Good knowledge of ArchiCAD
- Good knowledge of Slope and Plaxis
- Good knowledge of Aztec
- Good knowledge of Epanet

Programming Languages

- Good knowledge of Matlab & Simulink

- Good knowledge of Maple

DRIVING LICENCE

Category B

I authorize the use of my personal data according to the provisions of Law 196/2003 (Italian Civil Code).

UPDATED:

April 2014

SIGNATURE

Alessandra Coluccio