



Roberta Castelluccio

Geotechnical Engineer

Personal information:

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Personal Summary

I am a highly motivated Environmental Engineer with a special focus on geotechnical aspects. My interest in this area started during my early years at university and was further developed when I started working for a Design Studio. There I showed an excellent ability to work in a team, to work under pressure and to respect the deadlines (essential requirements to achieve good results in tenders). I'm a versatile engineer, always ready to accept new challenges. I have a great desire to continue to learn. I am looking for a suitable position with an established company with an opportunity to work in close contact with experts that will make me a better engineer.

Work Experiences

Nov 2013–Nov 2014

Design Studio "NIRO Studi e Ricerche" Naples

Environmental Engineer

Cooperate with other colleagues to implement projects regarding:

- waste water treatment plants;
- interventions to reduce hydro-geological risks in certain areas of the Campania district;
- sewage system restoration of some Municipalities in the Campania district.

Sept2012–May 2013

University of Naples "Federico II"

Internship

Tasks were to:

- make soil samples;
- implement selected geotechnical tests (confined compression tests, direct shear tests, triaxial compression tests, RC tests);
- elaborate the results of laboratory tests

to obtain the soil mechanical properties.

Education

Nov 2014–Dec 2015

2nd level Master in Geotechnical Design

Faculty of Civil and Industrial Engineering, University of Rome "La Sapienza", Rome (Italy)

Topics covered

Rocks and Soils Characterization through In-situ and Laboratory Tests, Geotechnical Modelling, Foundations, Tunnels and Underground Structures Design, Slope Stability Design

- Sept 2010-May 2014 **2nd cycle Degree in Environmental Engineering (120 ECTS credits)**
(final grade:110/110 cum laude)
University of Naples "Federico II", Naples (Italy)
- Topics covered, among others:*
Slope Stability, Geotechnical Works, Consolidation of soils and rocks, Hydraulic Works, Coastal Protection Works, Applied Hydrogeology, Environmental safety in the processing industry.
- Thesis Title:*
Innovative techniques to protect buildings from earthquakes: numerical and experimental analysis.
- Sept 2006- Dec 2010 **1st cycle Bachelor Degree in Environmental Engineering (180 ECTS credits)**
(final grade: 103/110)
University of Naples "Federico II", Naples (Italy)
- Topics covered:*
Pure Mechanics, Mechanics of Solids and Structures, Structural Design, Geotechnical Principles, Hydraulic works, Environmental and Chemical Engineering.
- Thesis title:*
The problem of landslides in the village of Bisaccia.

Training Course

- Oct 2012 **Training course on occupational safety**
University of Naples "Federico II", Naples (Italy)
- Nov 2012-Jan 2013 **English course (B1 Level) Passed with merit**, University of Naples "Federico II", Naples (Italy)

Computer skills

Excellent command of **Microsoft Office™** suite.
Good command of **AutoCad 2D, MATLAB, ArcGis, GeoSlope, Flac 2, Plaxis.**