

Curriculum Vitae

Edoardo Simonelli

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• Education

I am qualified to exercise the profession of engineer – Civil and Environmental Engineering sector.

Master's degree in Environmental Engineering (110/110) with thesis “Distribution of electric charge and ions emission in the aerosol generated by cooking process.

Main topics of study: Groundwater Hydraulics and Pollutant Transport, Sewage Treatment Plants, Physical and Chemical Hydrogeology, Stability Analysis of Slopes, Analysis and Design of Shallow and Deep Foundations, Land Consolidation Systems & Their Applications, Renewable Energy & Sustainable Development, Environmental Impact of Energy Conversion Systems, Environmental Impact Assessment.

Bachelor's degree in Environmental Engineering (107/110) with thesis “Landfill gas production in the cycle operation of a dump for non-hazardous waste.

Main topics of study: Hydraulics, Hydraulic Infrastructures, Water Resources Management, Water Treatment Plants, Geotechnics, Dumps Construction, Geology, Waste Energy Recovery Systems, Chemical Technologies for Waste Recycling, Thermal Comfort, Lighting Control System, Acoustical Quality

• Work Experiences

Help desk operator for Italian Railway Company - Hardware and basic Software (From July 2013 to date)

Trainee in “Consorzio Valle del Liri”: Stabilization project of a landslide slope in Sant’Angelo in Theodice (January – March 2012)

Trainee in Mad s.r.l. Cerreto (FR) - Non-hazardous waste management focused on gaseous emission control from power generation plants (March – September 2008)

Participation in a solid waste management project – a case study analysis in Arce, Frosinone (2008)

• Interests and Motivations

The Master in "Meteorology and Physical Oceanography" is for me an opportunity to acquire knowledge and technical skills on a sector that is always of great interest to me.

I carried out a self-study / reading of the most interesting topics to me since I could not take a relevant degree program.

My attention is focused more particularly to the meteorological field of the master on which I expect to acquire knowledge that I could spend in a business context such as the interpretation of the output of a numerical model rather than the operation and the use of meteorological instrumentation.

The expectation is, therefore, that I could have at the end of the master a broad training both through classes taught and during my stage