



MATTEO LAUDATO

ENVIRONMENTAL GEOLOGIST

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Nationality

Italian

Birth

01.11.1988

PROFESSIONAL PROFILE

I have been working for a few years. I currently work as an Engineering Geologist at Geovit sas.

I have acquired great skills in planning, execution and interpretation of geognostic (surveys, SPT and DPSH tests) and geophysical (MASW and HVSR) surveys. But also in the drafting of technical documents and geological reports. I have experience in the use of specific instrumentation also for environmental monitoring (water and land), in the removal of polluted soil and in the installation of remediation systems

During the previous years I worked for the IT Group in the field of environmental remediation concerning fuel break-ins on oil pipelines and ENI fuel depots. I had previous experience in Milan, working for the same company. I coordinated and managed the reclamation of active and decommissioned TotalErg fuel sales points. Writing about technical reports (monitoring reports) and Operational Safety plans (POS).

I made my own a professional approach which, combining good interpersonal skills with a fair capacity for analysis and the ability to work in a team, guarantees me a winning strategy to achieve the goals in my work.

WORKING EXPERIENCE

From January 2019

Geovit sas. Planning and execution of geognostic investigations (surveys, SPT and DPSH tests) and geophysical surveys (MASW and HVSR). Interpretation of the results of the investigations carried out up to the drafting of the geological report.

From January 2019 to April 2020

Master in Engineering Geology almost at the end (06/04/2020) at the **Geotechnology Center of the University of Siena** with a professional internship focused on geotechnic and geoen지니어ing.

July 2018 – January 2019

Zonabit Sistemi srl – Technical support activities for customer assistance on Zonabit software for the production of school timetable and work shifts.

July 2018

Comune di Cerreto Laziale (RM) – Professional advicer. Inspections and surveys on site with the Municipality and specialized company in wells in order to restore the correct capture of groundwater.

October 2015 - June 2018

The It Group Italia srl - San Donato Milanese (MI) – Environmental Geologist - Roma/Milano

Technician geologist at sites for environmental reclamation of oil pipelines subject to fuel break-in and ENI deposits. Skills in the installation and management of Pump and Stock systems, Pump and Treat, pneumatic and electric pumps, soil gas measurement systems. Experience in the execution and coordination of geognostic surveys, removal of polluted land, environmental monitoring / sampling and small activities of water and products deriving from reclamation.

Previous experience in Milan, working in the office of the same company. I looked after the coordination and management of the reclamation of active and decommissioned TotalErg sales points, writing about technical reports (monitoring reports) and Operational Safety plans (POS).

February - May 2015

International experience and English Language Advance Course - Level 8 at Hansa Language Centre in [Toronto \(Canada\)](#). Participation in the PDAC Convention 2015 in Toronto (Canada) about the mineral exploration in Canada and in the world.

June 2015

Stabilimento Balneare Trocadero (Lido dei Pini, Ardea)– Educational activities for children between 10 and 12 years on topics of geology (Volcanology, Land slide, Earthquakes, Marine Environment, Fossils and Minerals and Alternative Energies).

May 2015

Performed MASY and REMI geophysical surveys and a DPSH test for an extension study of an apartment in a building in Rome.

February – July 2015

Radon Indoor gas analysis, by means of CR-39 dosimeters, in a private building located in Rome to outline the health risk compared to the recommended reference values.

November 2013

National Institute of Geophysics and Volcanology (Rome)

Dr.ssa Liliana Minelli

Stage. Based on the data acquired, I interpreted some seismic lines offshore and onshore the area of Fiumicino (Rome, Italy) for the detection of hydrocarbons, in order to understand the deep geological structure in front of the base area of the delta of the Tiber River .

I used the basic techniques of interpretation of seismic lines and the calibration with well logs in the area.

April 2011

National Institute of Geophysics and Volcanology (Rome)

Dr.ssa Daniela Pantosti.

Stage. I did research activities in active tectonics with special attention to the study of active faults and paleoseismology in the epicentral area of the earthquake in the city of L'Aquila. I participated in campaigns regarding the testing of core samples for the study of Holocene stratigraphic problems. It concerned: the liquefaction of land near the village of Fossa (AQ), the opening description, sediment sampling and washing of samples for the micro-paleontological studies. I participated in activities of detection of active faults and geophysics (Wenner type seismic lines resistivity studies of buried sediments).

April-June 2011

National Institute of Geophysics and Volcanology (Rome)

Dr.ssa Daniela Pantosti. Voluntary contribution in research activities.

August-September 2010

Volcanology italian association (AIV)

Training in the field of volcanology. I acquired theoretical and practical knowledge of land as part of Volcanology and in particular in the reconstruction of the evolutionary history of the complex volcanic mountains Vulsini.

SKILLS

During these years I have gained experience in surveys, environmental monitoring, installation of systems, Radon measurements, Drones driving and use of technical software.

Other qualifications

Italian professional Geology qualification awarded 2015
License for the driving of multi-helicopter drones, class VL

Knowledge of specific instrumentations tools

Great skills in the use of the interface to perform measurements fluids, of ATEX pumps, motor pumps, pneumatic / electric pumps, 12 V pumps, PID, Zambelli pump, multi-parameter probes, Tromino Micromed Tromograph. Good knowledge in the use of Radonmeter Rad 7 (DurrIDGE Inc. company) and CR-39 dosimeters
Good knowledge of the use of instruments for measuring flows from / in soil: Dräger X-am 7000 and the Li-cor portable CO2 detector (West System).
Basic knowledge of interpretation of some seismic lines offshore and onshore.

Social and Organizational skills

Excellent interpersonal and organizational skills; excellent ability of respecting deadlines and ongoing commitment to work, both alone and in a team.

Computer skills

Good knowledge of the ArcGIS, Autocad, Corel Draw Surfer, Stratigrapher, Mudflow, Rocscience software, Dips, Res2dinv, Dynamic Probing (geostru), Geospy.
Basic knowledge of the Autocad 2010 software
Expertise in the use of Microsoft Office software and OPEN Office (Word, Excel, Power Point).
Good knowledge of Windows, Internet and e-mail.

Languages

Italian – Native language
English – Advanced – IELTS 6.0

Technical training

Safety on work.
Technician on building site
First aid (B group).
Firefighting officer (medium risk).

EDUCATION

Master in Engineering Geology started in January 2019, all exams passed and internships terminated, pending thesis discussion. Geotechnology Center of the University of Siena.

Italian professional Geology qualification awarded July 23, 2015

Master University Degree of Science in Geology of the Land and Resources awarded in 2014 (110/110)

Faculty of Sciences (Department of Geology), University of Roma Tre, Rome

Thesis: Study of the degassing of the municipality of Fiumicino (Rome) as a result of an incident of gas leakage (24/08/2013). Site analysis of the soil CO₂ flux, CO₂ concentration, radon in soil and production of maps of the distribution of these values with the Surfer software ArcGIS 10.0 and 11.

I acquired experience in an internship related to this study, aimed at the interpretation of some of the offshore seismic lines for the exploration of hydrocarbons, held at the National Institute of Geophysics and Volcanology in Rome.

Bachelor's Degree in Geological Sciences obtained in 2011 (106/110).

Department of Geology, University of Roma Tre, Rome

Thesis: Survey of the geological area of Vallerano (south of Rome) and geochemical study to analyze the concentrations of radon in some samples of the depositional sequence of the Alban Hills. I also made Indoor Radon measurements with a Radonmeter in specific residential area of Vallerano with the objective of understanding the risk of radon.

Highschool diploma from the Scientific High School "S. Cannizzaro" in Rome final years 2006/2007.

EXTRA

Agriculture: biodynamic cultivation of vegetables, fruit trees, ornamental plants. Music: choir and guitar. Photography and movies with Drone. Sport fishing and boating. Travelling.



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