

To whom it may concern

Dear Sir/Madam,

my name is Matteo Monti, a Geologist. I achieved my Master Science degree in Geology at University of Milan in 2008. I am specialized in Applied Geology, Geomorphology, Quaternary Geology and application of GIS technology.

After graduation I started a collaboration with other geologists. This allowed me to practice what I have studied and to acquire a substantial experience both in the field activity and in report writing for several geological and geotechnical matters. Within the collaboration I'm also undertaking aerial photo interpretation and GIS support for thematic mapping, automated tools creation aimed at territorial planning, and spatial geodatabase design and management.

Parallel to this cooperation, I'm currently working as freelance geologist together with other professionals and agencies. My expertise is relies primarily in application of GIS technology, in geological and geotechnical survey and in landslides-rockfalls analysis.

Currently i'm looking for new professional experiences which can allow me to apply, hone and broaden my skills and knowledge. I have no problem in travelling for work and doing work shifts. I love teamworking in multidisciplinary and dynamic work backgrounds.

Thanking you for your attention, I enclose my CV. I am available for an interview for a better evaluation of my professional profile and to verify the chance of a future cooperation.

Best regards

Matteo Monti

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- *Geologist* -

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Professional Skills and Experience

GIS & Data Management: database design and management, data and maps georeferencing, GIS process automation, 2D & 3D data analysis, 3D data visualization, format conversion and digitizing, environmental planning, visibility analysis and maps, thematic mapping.

Geology & Geotechnics: geological and geotechnical reports writing, geological investigation planning, heading and support; core logging; geological, geomorphological and structural survey; monitoring and sampling planning; landslide and rockfall analysis.

Hydrogeology: water resource survey, pumping test direction and performing, aquifer parameters definition, water table monitoring, sampling.

Other Skills: aerial photo interpretation, GPS survey, seismic survey with HVSR technique.

Education

- **Liceo Scientifico “Paolo Giovio” – Como**
(1997) High school Diploma – final grade 42/60
- **Università degli Studi di Milano**
(2008) Graduated in Geology– final grade 100/110
Graduation thesis in High mountain Quaternary geology and geomorphology
- **Professional qualification**
(2010) Enrollment in the Lombardia’s Geologists register

Working experience

(2008 – present) Working as freelance geologist and collaborating with other geologists and geological societies. Most relevant experiences: geological and geotechnical survey to support civil engineering projects, landslides and rockfall analysis, hydrogeologic survey for water resource exploitation, GIS application to geological topics, geological data analysis.

09/2008 – present - Dott. Geol. Paolo Dal Negro

Professional cooperation:

- GIS data management: geologic and thematic mapping, data georeferencing (raster and vector data). CAD to shapefile/geodatabase file conversion. Geospatial data analysis (aspect, slope, density, visibility maps). Watershed analysis. 3D data visualization (ArcScene), setting up automated analysis procedures (Model Builder). Geological maps digitizing. Data mining and data set-up for specific softwares input.
- Territorial planning: cooperation in territorial geological planning project and survey.
- Geology and Geotechnical: geologic and geotechnical report writing, geologic and geotechnical survey execution and supervision. Subsoil investigation

planning and supervision (drilling, CPT, SPT, field tests etc). Single station seismic investigation with HVRS technique. Groundwater monitoring, sampling and survey.

- Hydrogeology: pumping tests planning and supervision, groundwater resource survey.

09/2008 – present - Sottosuolo s.r.l.

Geodatabase design, setup and management with the following functionalities: jobs and geological investigation location, geological data location and representation. Dynamic integration with public territorial databases.

Computer Skills

Microsoft Office Suite, Autocad, Arcgis 9.3, PHP, HTML

Languages

Italian (native language), English (intermediate level)