

# Curriculum vitae

*Elisabetta Fortunato*

## Personal information

- *First name* Elisabetta
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- *Nationality* Italian
- *Date of birth* June, 20, 1980,
- *Place of birth* Polla (Sa)

## Education

- 02/22/2006 Degree in Geological Science *cum laude*, University of Rome “La Sapienza”  
  
Thesis: “Integrated geophysical studies (gravimetrical, seismic and geoelectrical) for the localization of the sinkhole risk zones in S. Vittorino’s plane (Ri)”.
- *Principal subjects* Engineering geology: geotechnics, technical survey of many problems (roads, tunnels, side stability etc.), subsoil exploration, geophysics applied to geology and hydrogeological problems (hydrogeological survey, waters geochemistry, design of water wells, spring picking up); mineralogy: diffractometric analysis.  
  
Short dissertation in Applied Mineralogy: “Mineralogical characterization of two natural pigments: azurite and malachite”.
- 09/25/2006 Professional qualification, University of Basilicata.
- 06/25/2008 Qualification teaching for science (natural science, chemistry, geography and microbiology) in secondary school with first class honour.  
I’m frequenting other courses to science and mathematical qualification in secondary (junior) school; I’ll qualify in June 2009.

From 06/30/2008 to  
07/04/2008

Summer School by Fondazione Eni Enrico Mattei.

### **Language**

- *Mother tongue* - Italian
- *Other language* - English
- *Reading* - good
- *Writing* - good
- *Speaking* - sufficient

### **Personal skills and competences**

- Word, power point, excel.
- Contouring program Surfer 8.5;
- Digitizing program Digger 3;
- Graphic program (Paint Shop Pro 9, Adobe Photoshop 7);
- Programs for reading and interpretation of powder diffractions (PowderX 5, Lsq);
- RES2DINV: processing of bidimensional models of resistivity.
- AUTOCAD.
  
- Gravimeter Graviton EG LaCoste & Romberg;
- geoelectric exploration fixture;
- seismic exploration fixture;
- Phreatimeter.

### **Drive licence**

B

### **Work experience**

- From 09-26-2006 to 09-30-2006 Doc. Priore Antonio's geotechnical study
  
- *Occupation* collaborator
  
- *Main activities and responsibilities* Geological mapping, data processing, geotechnical reports.
  
- From June 2006 to September 2006 Doc. CRISTALLO Filippo's geotechnical study
  
- *Occupation* collaborator

- *Main activities and responsibilities* Geological mapping, data processing, geotechnical reports.
- From 09/20/2008 Fondazione Eni Enrico Mattei
- *Occupation* Activities for teaching science
- *Main activities and responsibilities* Theoretical and laboratory lessons for schools
- From September 2008 Istituto Professionale Paritario per i Servizi Sociali e Istituto Tecnico Paritario per Geometri (Marsico Nuovo, PZ)
- *Occupation* Teacher
- *Teachings* Medical culture, chemistry, natural science and geography.

### **Other work experience**

Drilling of a well in Padula (Sa);

#### ***Geoelectric exploration:***

- Testing of a controlled dumping in Civitavecchia (Rm);

- S.E.V. and geoelectrical tomography in: Sermoneta (Lt), Cittaducale (Ri) and processing data.

#### ***Microgravimetric exploration:***

- Alluvional plain: Sermoneta (Lt), Pontina Plain (resorts Monticchio e Zellone), for individuation of sinkhole;

- Cittaducale S. Vittorino's plane;

- Cities: Tivoli;

- Archaeological regions: in the excavations of Pompei; Basilica of S. Maria Maggiore (Roma).

#### ***Seismic exploration:***

- Down-hole tests in Matera;

- Seismic refraction: Basilica di S. Maria Maggiore, Roma; Testaccio (Roma).

