

## **Duccio Monaci Naldini**

V. Pantaneto, 97 – SIENA – 53100

### **Date and place of birth:**

2 dicembre 1970, Siena

Fiscal Code: MNCDCC70T02I726U

VAT number: 01149260521

Tel. 335/6140029; 05771915438

E-mail: monacinaldini@eutelia.com

### **Present status**

- Freelance

### **Professional certificate**

**1999:** state certification qualifying examination for the profession of geologist

### **Large scale geological studies**

**2001:** Geolocial/geomorphological and hazard mapping - Project 1 Northern Area . Projects for the reconstruction of the areas affected by the earthquake - Contract between Marche Region and University of Siena - Scale 1:10000 - Sections "Pergola" e "Loretello": geological/geomorphological survey - 31 Sections of the Sheets "Jesi", "Tolentino", "Pieve Santo Stefano", "Fossombrone": geomorphological survey.

**2002:** Cohoperation for the geomorphological survey for the geomorphological mapping of the Siena Province. Coordinator Prof. Mauro Coltorti. Contract between the University of Siena and the Province of Siena.

**2003:** Agreement between ITALFERR s.p.a. and the Centre fo geotechnologies of the University of Siena: geological/geomorphological mapping for the Railway Foligno - Fabriano (Umbria)

**2004:** Contract between Emilia-Romagna Region and the University of Siena. Landuse mapping of the Emilia-Romagna Appenines and realisation of the geothematic database

**2005:** Geological/geomorphological study of the area affected by landslide phenomena on the A16 Napoli-Canosa. Cohoperation for the geomorphological analisys. Agreement between ITALFERR s.p.a. and the Centre fo geotechnologies of the University of Siena

**2005:** Geomorphological study of the Corniglio landslide (Parma Province). Cohoperation for the geomorphological analysis. Agreement between Studio Geotecnico Italiano and the University of Siena.

**2006:** Geological/geomorphological study for the new railway Ferrandina - Matera (Basilicata). Cohoperation for the geomorphological analysis. Agreement between ITALFERR s.p.a. and the Centre fo geotechnologies of the University of Siena

**2006:** Agreement between Studio Geotecnico Italiano and the University of Siena - geomorphological study for the railway Olbia - Oristano (Sardegna). Cohoperation for the geomorphological analysis

**2010:** Geolocial/geomorphological mapping of the area C.T.R., Sezione n. 322010 - project for the geological mapping. Umbria Region

### **educational qualification and courses**

**1989:** school leaving certificate at the Liceo Classico "Enea Silvio Piccolomini"

**1998:** University degree in Geological sciences at the University of Siena (107/110 e lode). Geomorphological specialisation. Thesis on: "Plio-Pleistocene evolution of the landscape in the Cetona Mount area.

**1999:** Fellowship with the University of Siena for research project (MURST ex-40% Dipartimento di Scienze della Terra) on: "Depositional cycles and Plio-Quaternary bioevents in the geological and climatic evolution of Ecuador".Coordinator: Prof. Mauro Coltorti

**2000:** P.h.d. in Geological science (XVI cycle). University of Siena. (November 2000 – December 2005)

**2003:** Professional Master in "Natural hazards". ITC – Institute for Geoinformation Science and Earth Observation – Enschede – The Netherlands (September 2003 - September 2004)

**2005:** Research contract at the Centre for Geotechnologies of the University of Siena (January 2005 - December 2006)

**2005:** Short Course on: "Morphotectonic Analyses Using GIS/DEM". Instructor: Dr. Frank J. Pazzaglia; Department of Earth and Environmental Sciences, Lehigh University. University of Siena, Department of Geological Science

**2005:** Short Course on: "Slope stability: Practical and quantitative approaches to landslide problems ". Professor: Oldrich Hungr, UBC, Vancouver – Canada. University of Rome "La Sapienza" C.E.R.I.

**2011:** Short course on: "Rock Engineering"- Prof. Nick Barton. San Giovanni Valdarno.

### **Participation in public commissions**

**2007:** Member of the environmental commission for the municipality of Siena

**2011:** Member of the building commission for the municipality of Poggibonsi

**2011:** Court of Siena - Section of Poggibonsi. CTP for the Preventive Technical Assessment R.G. 549/2011

**2015:** Member of the building commission for the municipality of Poggibonsi

**2015:** Member of the environmental commission for the municipality of Monticiano

**2017:** Member of the examination board for the state certification qualifying examination for the profession of geologist

### **Research activities**

**1999:** Research project (MURST ex-40% Dipartimento di Scienze della Terra) on: "Plio-Quaternary evolution of the tectonic basins of the Northern Apennines". Coordinator: Prof. Mauro Coltorti

**1999:** Research project (MURST ex-40% Dipartimento di Scienze della Terra) on: "Depositional cycles and Plio-Quaternary bioevents in the geological and climatic evolution of Ecuador".Coordinator: Prof. Mauro Coltorti

**2000:** Cooperation with Sovrintendenza dei Beni Culturali della Provincia di Bolzano for the sedimentological analysis of archaeological sites. Coordinator: Prof. Mauro Coltorti

**2000:** Research activities during the P.h.d. in Scienze della Terra (XVI cycle) on slope stability in the Apennines area. Tutor: Prof. Luigi Carmignani. (November 2000 – December 2006)

### **Academic activities**

**2001:** Co-Lecturer of the course on "applied geomorphology", degree course in geological science. Department of earth science of the Siena University

**2002:** Lecturer of the course on "applied geomorphology", degree course in geological science. Department of earth science of the Siena University

**2003:** Lecturer of the course on "geomorphology" and of the course on "applied geomorphology", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2004:** Lecturer of the course on "geomorphology" and of the course on "applied geomorphology", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2005:** Lecturer of the course on "geomorphology" and of the course on "physical geography", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2006:** Lecturer of the course on "geomorphology" and of the course on "physical geography", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2007:** Lecturer of the module 2 of the course on "Photogeology", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2007:** Lecturer of the module 3 of the course on "geomorphology", degree course in geotechnologies. Centre for Geotechnologies. S. G. Valdarno. University of Siena

**2008:** Lecturer for the short course on "debris flow modeling in Apuan area". University of Siena. Department of earth science

**2012:** Lecturer for the short course on "from geognostics to geotechnics". University of Siena. Department of earth science