

## PERSONAL INFORMATION



## Federica Antico

📍 via Martiri della Libertà 244/A, 30174 Venezia Mestre (Italy)

☎ +39 3498425994

✉ fedeantico@gmail.com

Sex Female | Date of birth 31 Dec 86 | Nationality Italian

## WORK EXPERIENCE

April 2012–May 2012

**Traffic surveyor**

Logit Engineering Studio, Castelfranco Veneto (Tv) (Italy)  
<http://www.studiologit.it/>

Traffic surveys; Origin/destination surveys: survey through interviews to obtain in addition to the O / D matrices, information on the frequency, the motivation of the journey, on vehicles occupancy and travel time.

June 2010–September 2010

**Promoter**

Private agency, Venice Mestre (Italy)

Trademark promoter in shopping centres and outlets.

October 2009

**Volunteer (2009 Earthquake crisis)**

Progetto Ecovillaggio Autocostruito (E.V.A.) per l'Abruzzo, Pescomaggiore, L'Aquila (Italy)

Volunteer in construction site activities to build eco-friendly houses in Abruzzo (Italy), after the earthquake of 2009.

March 2009–May 2009

**Internship**

Laboratory testing road materials - University of Padua, Padova (Italy)

Laboratory investigations on the use of recycled aggregates in the hydraulic mixtures for road foundations.

## EDUCATION AND TRAINING

March 2014–Present

**PhD Student**

Instituto Superior Técnico (IST), Lisbon (Portugal)

PhD Student at IST, Lisbon, Portugal in the project "Sediment transport in fluvial, estuarine and coastal environment" (SEDITRANS), funded under Marie Curie program of the European Union.

My work-programme addresses the reciprocal influences of bedload transport, bed morphology and flow turbulence in complex three dimensional flows such as those in bends, confluences or in the vicinity of obstacles. The ultimate objective is to derive conceptual models susceptible to be included in numerical models for the simulation of these flows.

January 2014

**"Esame di Stato" - Italian Professional Qualification in Civil Engineering**

University of Padua, Padua (Italy)

Passed the Government Exam and licensed as an Italian Professional Civil Engineer.

September 2013

**Business English training (Eighty-hour)**

Umana Forma Srl, Marghera (Venice) (Italy)

Grammar; lexicon; conversations about business and everyday situations.

October 2010–April 2013

**2nd cycle degree - Master in Civil Hydraulic Engineering. Final degree mark: 100/110; Thesis title: Sediment Dynamics in the Venice Lagoon.**

University of Padua, Padua (Italy)

Hydraulic constructions; Maritime structures; River hydraulics; Hydrodynamics; Hydrology; Advanced fluid mechanics; Irrigation and drainage; Structural analysis.

The topic of my Master Thesis explored the sediment transport processes in the Venice Lagoon, due to the combined effect of tidal currents and wind waves. I analyzed the temporal and spatial evolution of suspended sediment concentrations, computed through a numerical model, on the basis of a peak over threshold approach.

October 2005–April 2010

**1st level degree - Civil Engineering Degree. Thesis title: Laboratory investigation on the use of recycled aggregates in the hydraulic mixtures for road foundations**

University of Padua, Padua (Italy)

Mechanics of material and structures; Fluid mechanics and hydraulics; Numerical computing and programming; Soil mechanics; Safety in working areas; Roads, railways and airports; Materials technology and applied chemistry.

September 2000–July 2005

**High school diploma - Classical certificate**

Liceo Classico "Marco Polo", Venice (Italy)

Italian literature; Ancient Greek; Latin; Mathematics; English language.

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](http://www.cerl.eu)

Communication skills

Good communication skills. I am able to active collaborate with a wide range of colleagues, as demonstrated during my internship at the laboratory of the Padua University and during my promoter activities.

Organisational / managerial skills

Great organization in working autonomously but also strong ability to teamwork, developed during my construction site activities in Abruzzo and my University studies (I participated in group projects and I managed my duties through wise planning, time optimization, detail orientation and prioritization).

Computer skills

■ Microsoft Office tools (Word, Excel, Power Point and Access): excellent;

- Software AutoCAD: excellent;
- Software Incidenze (University of Padua) - Hydraulic simulation: excellent;
- Software Matlab: good;
- Software Fortran, Straus: basic.

**Other skills** During my free time I enjoy outdoor activities such as skating and beach volleyball.  
I also love to travel: discovering new places, meeting different people and cultures, making new friends and adapting myself to different situations.