

## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s)

**Dr. Alessandro Dazio**

Address(es)

Via Prati Grandi 25, CH-6593 Cadenazzo, Switzerland

Telephone(s)

+41 (91) 850 20 80

Fax(es) +41 (91) 850 20 89

E-mail

adazio@dazio.com

Nationality

Swiss

Date of birth

February 9, 1970

Gender

Male

### Occupational field

**Structural engineering & Earthquake engineering and structural dynamics**

### Work experience

Dates

October 2013 onwards

Occupation or position held

Project manager and Co-Director

Main activities and responsibilities

Design and assessment of civil engineering structures ([www.dazio.com](http://www.dazio.com))

Name and address of employer

Studio d'Ingegneria G. Dazio & Associati, Via Prati Grandi 25, CH-6593 Cadenazzo

Type of business or sector

Design and Consulting

Dates

February 2010 onwards

Occupation or position held

Consultant and CEO

Main activities and responsibilities

Consulting activity in the fields of earthquake engineering and structural dynamics

Name and address of employer

Dazio Engineering & Consulting Sagl, Via Prati Grandi 25, CH-6593 Cadenazzo

Type of business or sector

Consulting

Dates

May 2010 – September 2013

Occupation or position held

Deputy Director of the UME School and Head of the Reinforced Concrete Research Group

Main activities and responsibilities

Academic management of the UME School ([www.umeschool.it](http://www.umeschool.it), [www.roseschool.it](http://www.roseschool.it)). Teaching of master and doctoral-level courses in earthquake engineering and structural dynamics. Leading and conducting research on the seismic design and assessment of RC structures through large-scale structural testing, numerical simulation and analytical models.

Name and address of employer

EUCENTRE, Via Ferrata 1, I-27100 Pavia

Type of business or sector

Higher education

Dates

August 2003 – January 2010

Occupation or position held

Assistant professor of earthquake engineering and structural dynamics

Main activities and responsibilities

Teaching of master-level courses in earthquake engineering, structural dynamics and vibration problems. Leading and conducting research on the seismic design and assessment of RC and masonry structures through large-scale structural testing, numerical simulation and analytical models.

Name and address of employer

ETH Zurich, Institute of structural engineering (IBK)

Type of business or sector

Higher education

Dates

January 2001 – June 2003

Occupation or position held

Post graduate researcher

Main activities and responsibilities

Numerical simulations and large scale tests in support of the design of the new East Spans of the San Francisco-Oakland Bay Bridge. Numerical and experimental investigation of the structural behaviour of the I-5 / Gilman drive advanced technology cable-stayed bridge. Blast tests on RC bridge decks.

Name and address of employer

University of California, San Diego (UCSD), Department of structural engineering  
Advisor and PI: Prof. Dr. Frieder Seible

Type of business or sector

Higher education / Consulting

Dates January 1994 – December 2000  
 Occupation or position held Graduate research assistant and PhD candidate  
 Main activities and responsibilities Investigation – through large scale testing, numerical simulation and analytical modelling – of the nonlinear cyclic behaviour of RC structural walls and its consequences on the seismic design and assessment of buildings. Teaching assistantship.  
 Name and address of employer ETH Zurich, Institute of structural engineering (IBK)  
 Advisor and PI: Prof. Dr. Hugo Bachmann  
 Type of business or sector Higher education

**Education and training**

Dates January 1998 – June 2000  
 Title of qualification awarded PhD in structural engineering (“Dr. sc. techn. ETH”)  
 Principal subjects/occupational skills covered PhD thesis ETH No. 13739: “Entwurf und Bemessung von Tragwandgebäuden unter Erdbebeneinwirkung (Design and detailing of RC wall buildings under seismic action)” supervised by Prof. Dr. Hugo Bachmann and co-supervised by Prof. Dr. Tom Paulay, University of Canterbury, NZ.  
 Name and type of organisation providing education and training ETH Zurich

Dates October 1989 – December 1993  
 Title of qualification awarded Master-equivalent degree in civil engineering (“Dipl. Bau-Ing. ETH”)  
 Principal subjects/occupational skills covered Diploma thesis “Erdbebensicherung eines Stahlbetonhochbaus nach der Methode der Kapazitätsbemessung (Capacity design of an RC building)”  
 Name and type of organisation providing education and training ETH Zurich

**Personal skills**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (\*)

**English**

**German**

**French**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	B1	Independent user

(\*) <http://europass.cedefop.europa.eu/LanguageSelfAssessmentGrid/en>

Social skills and competences Ability to adapt to multicultural environments and communication skills (teaching, presenting, discussing) developed through my working and military experiences.  
 Organisational skills and competences Leadership, gained through my working and military experiences. Acquisition, organisation and management of research projects. Organisation of national and international conferences up to 1'500 participants. Ability to work in stress-situation trained during working and military experiences.  
 Technical skills and competences Swiss blast permission C  
 Computer skills and competences Command of structural analysis (ABAQUS, SAP2000, Perform3D, RUAUMOKO, ...), visual data analysis (PV-Wave), 2D and 3D CAD (Autocad, Solidworks) and technical computing (Maple) codes. Programming in Fortran-like environments.  
 Driving licence Swiss driving license categories A, B, D1, BE, D1E

**Additional information**

MILITARY SERVICE: Absolved, rank: first lieutenant (commander of the S-49<sup>th</sup> SP-howitzer battery)  
 AWARDS: 1994: Medal of ETH for outstanding diploma thesis  
 1994: 2. Heinrich Hatt-Bucher Prize for outstanding diploma thesis  
 2001: Fellowship of the Swiss National Science Foundation for a research stay at UCSD  
 2001: Medal of ETH for outstanding PhD thesis  
 2010: “Golden Owl” Award for excellent teaching. 2010 winner for the D-BAUG Department at ETH Zurich  
 2010: Credit Suisse Award for Best Teaching 2009/10 für die exzellente Förderung und Unterstützung der Ausbildung von Studierenden an der ETH Zürich (for the excellent advancement and support of the education of students at ETH Zurich, [http://www.eule.ethz.ch/geschichte/index\\_EN](http://www.eule.ethz.ch/geschichte/index_EN))