

EUROPEAN
CURRICULUM VITAE
FORMAT



Curriculum Vitae

PERSONAL INFORMATION

Name

BARUFFINI , Mirko

Company Name

Studi Associati SA

Company Address

Via Z*****, ***** , Switzerland

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mirko.baruffini@*****

Nationality

Italian

Date of Birth

29th July, 1980

CURRENT POSITION

Scientific Collaborator

EDUCATION AND TRAINING

Name and type of organisation
providing education or training

Phd candidate

Doctorat en géosciences et environnement mention "Sciences de
l'environnement",
Université de Lausanne, Lausanne, Switzerland

Date (from - to)

Academic year 2007- Academic year 2011
(not achieved)

Name and type of organisation
providing education or training

Laurea (University Degree) in Ingegneria per l'Ambiente e il Territorio
(Environmental Engineering), 18th April, 2005.
Politecnico di Milano,
Distinction: 96/100

Dissertation: "LE NTIC NELLA PIANIFICAZIONE PARTECIPATA. Applicazione
di un metodo di Foresight alla pianificazione: progetto AlpTransit e regione
insubrica" ["Information and Communication Technologies (ICT) and the
Participatory Spatial Planning. Application of a Foresight method to spatial
planning: project Alptransit and Insubria region"]; Authors: Mirko Baruffini
and Moreno Baruffini, Supervisors: Prof. Giovanni Antonio Rabino and
Prof.ssa Fulvia Pinto (Department of Architecture and Planning (DIAP
, Politecnico di Milano), Second Supervisors: Prof. Rico Maggi, Dr. Roman
Rudel and Dr. Simona Bolis (Institute for Economic Research, Faculty of
Economics, University of Lugano).

Date (from - to)

Academic year 1999- Academic year 2004

Name and type of organisation
providing education or training

Diploma di Diploma di maturità tecnica di ragioniere perito commerciale e
programmatore (Technical high school - Diploma in accounting, business and
programming - at GCSE level),
Istituto Tecnico Commerciale Statale Caio Plinio Secondo, Via Italia Libera 1,
22100 Como, Italy – school year 1998/99.
Distinction: 100/100

Date (from - to)

School year 1994 – School year 1999

PERSONAL SKILLS AND COMPETENCES
Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas

Languages

| | - Ability to read | - Ability to write | - Ability to speak |
|-----------------|-------------------|--------------------|--------------------|
| Italiano | | | |
| native speaker | native speaker | native speaker | native speaker |
| English | | | |
| good | good | good | good |
| German | | | |
| good | base | good | good |

SOCIAL SKILLS AND COMPETENCES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

Team work: I have worked in different situations where it was essential collaboration between different figures (customer-project manager-employee).
 Adaptability: I attended several meetings that were held in various locations in the Alps in reference to European projects INTERREG IIIB (use of different national languages).
 Interpersonal skills with other people: I have worked in various contexts (research institutes, universities, government offices) where I could develop a good ability to understand different requirements.

ORGANISATIONAL SKILLS AND COMPETENCES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

Ability to work in stressful situations: very often I had to manage stringent deadlines in professional situations.
 Results orientation: I often had to submit reports on the practical results achieved.
 Coordination and administration of projects: I have worked for a certain period of time on multiple projects simultaneously and in parallel.

TECHNICAL SKILLS AND COMPETENCES

With computers, specific kinds of equipment, machinery, etc.

Operative systems: Windows, Linux
 Imperative Programming Languages: VBA, C++, Turbo Pascal, Matlab
 Applicative Software: Suite Office, Esri ArcGis
 Database: MySQL

ARTISTIC SKILLS AND COMPETENCES

Music, writing, design, etc.

Literature – acquired through school and leisure activities

OTHER SKILLS AND COMPETENCES

Competences not mentioned above.

Sports (skiing, swimming, football, basketball) – acquired through school and leisure activities

Driving licence(s)

Category B - vehicles

MEMBERSHIP OF PROFESSIONAL SOCIETIES

ORDINE INGEGNERI PROVINCIA DI COMO, NUM. 2475 A
AIAT (ASSOCIAZIONE INGEGNERI PER L'AMBIENTE E IL TERRITORIO, ITALY)

WORK EXPERIENCE

From April 2012

Scientific Collaborator, Studi Associati SA, Lugano.

Project:

- Programma d'agglomerato del luganese di seconda generazione;
- Pedemontana ferroviaria briantea;
- Raumkonzept Graubünden, Forum 1: Regionaler Begleitausschuss Calanca, Mesolcina, Regioviamala; Forum 2: Kantonales Forum.

From May 2005 to April 2007

Research Fellow, Centro Economia Trasporti E Mobilità (CETEM), Institute for Economic Research, Faculty of Economics, University of Lugano.

Project:

- Web based map of the transport networks across the Alps;
- "MONITRAF (WP7), INTERREG III B".

From Februar 2006 to September 2006

Consultant, centro Metodi E Tecnologie Innovative per la Didattica (METID), Politecnico di Milano.

Projects:

- "StraDe, strumento per la conoscenza e diffusione del Piano Strategico della Città di Verona";
- "University Explorer, progetto per l'orientamento pre-universitario".

SELECTED RESEARCH ACTIVITIES. EXPERIENCE

From April 2007 To December 2011

Researcher, institute of Earth Sciences, University of Applied Sciences of Southern Switzerland. Project: "Evaluation of the optimal resilience for vulnerable infrastructure networks – an interdisciplinary pilot study on the transalpine transportation corridors - The national research programme "sustainable development of the built environment" (NRP 54)", a joint collaboration between the institute of Earth Sciences of the University of Applied Sciences of Southern Switzerland and the Institute for Economic Research of the University of Lugano.

From October 2004 to March 2005

Visiting Student, Institute for Economic Research, Faculty of Economics, University of Lugano.

INTENDED FUNCTION IN DELIVERY OF THE SERVICE

ADDITIONAL INFORMATION

deputy mayor (municipal level) in my native town

Fellowships And Awards

Menzione di Merito, Premio "TESI PA Lattanzio e Associati - Borsa di Studio per Tesi su Temi di Frontiera ed Innovazione nella Pubblica Amministrazione", fist edition, 2007; awarded by Professor Mario Monti in Rome;

Premio di Laurea "Commissione Iniziative Insubriche del Rotary International 2007";

Premio di Laurea CIRITA 2005 , Centro Interdipartimentale di Ricerca Informatica Territoriale e Ambientale (CIRITA), Politecnico di Milano, A.A. 2003/2004.

Publications:

Articles

- Baruffini, Mirko e Baruffini, Moreno. "Le NTIC nella pianificazione partecipata. Applicazione di un metodo di Foresight alla pianificazione: progetto AlpTransit e regione insubrica" in Cecchini, Arnaldo e Plaisant, Alessandro (a cura di) (2005). *Analisi e modelli per la pianificazione Teoria e pratica: lo stato dell'arte*, FrancoAngeli, Milano

Seminars and conferences

September 2011 Baruffini, M. (2011). "Analysis of the potential effects of dam break flooding using a GIS-tool for risk assessment in mountain regions. An exploratory study on an hypothetical event: the Val Canaria flood". Scientific Poster, VIII Forum of Earth Science GEOITALIA 2011, Torino

May 2010 Baruffini, M. (2010). "Mountain Risks and integrated multi-risk analysis: predictions, management and governance - in context of climate and societal change" and "Landslide risk assessment methods and strategies", Scientific Posters, Geosciences Union General Assembly 2010, Wien

October 2009 Baruffini M. (2009). Risk, measured risk aversion and individual characteristics. Scientific Poster. 7th Swiss Geoscience Meeting, Neuchâtel

September 2009 Baruffini M. (2009). "Valutazione della resilienza ottimale delle infrastrutture vulnerabili - Studio sulla riduzione sostenibile della vulnerabilità del corridoio di transito del San Gottardo" – AISRe, Associazione Italiana di Scienze Regionali XXX Conferenza scientifica annuale, Firenze

April 2009 Baruffini, M. (2009). "Risk Management in the Alps" and "Teaching on Hazard and Risk Management", Scientific Posters. Geosciences Union General Assembly 2009, Wien

December 2008 Baruffini, M. (2008). Valutazione della resilienza ottimale delle infrastrutture vulnerabili - Studio sulla riduzione sostenibile della vulnerabilità del corridoio di transito del San Gottardo" – Idee del mondo per la Lombardia: Magellano 2008, Milan

April 2008 Baruffini, M. (2008). "Risk Analysis of Natural Hazards", Scientific Poster. Geosciences Union General Assembly 2008, Wien

May 2007 Rudel R., Baruffini Mi. and Baruffini Mo. (2007). MONITRAF - Rapporto finale WP 7. Team di progetto MONITRAF.

September 2005 Baruffini M. (2005). Osservatorio infrastrutture alpine, una visione integrata. Tavola permanente sui trasporti delle Camere di commercio dell'area Alpina, Lugano.