

PERSONAL INFORMATION Fabio Zampetti



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PERSONAL STATEMENT

Geologist with specialization in GIS and environmental monitoring. Participation in consultancy work with other technical professionals, performed statistical analysis as well as made IT frameworks for storing scientific data. Always looking for new challenges to further develop the skills and experience gained in exploiting the ability to adapt quickly to new situations.

WORK EXPERIENCE

July 2016 – September 2016 Independent consultant

SAIP Formazione, 20 Via Ufente, Latina (LT), 04100, Italy

Computer science professor for relocation training course with the part of "Digital competence for the administrative management of medical study"

Business or sector IT technology

March 2016 – May 2016 Independent consultant

Unione Astrofili Italiani, "Fuligni" Astronomical Observatory, Via Lazio, 14, Rocca di Papa, Rome, Italy

RSA COSMOS-server cluster programming in RainbowMagicLand playground with proprietary scripting language for the realization of astronomical educational shows.

Business or sector IT technology Consultant, Astronomer

April 2015 – June 2015 Independent consultant

Ministry of Heritage and Culture, Sultanate of Oman

Geological survey near the Wadi Al Jizi and near Bani Umar Al Gharbi, for archaeological excavation of the omani necropolis, including geological survey, facies analysis, study of the relationship between structures of the necropolis with the geological substratum and wadis evolution.

Business or sector Geology

June 2014 – February 2015 Independent consultant

Image srl, Viale Abruzzi, 24, Milan, 20141, Italy

Improvement and optimize of OnBoardTv™ Web Portal

- creation of virtual network for portal deploy
- systems analyst of Windows Server 2008™ for portal deploy
- improvement and enhanced with web programming language

Business or sector IT technology

April 2014 – June 2014 Independent consultant

Geological Office of Maurizio Scardella, 115/a Viale I maggio, Grottaferrata (Rome) 00046, Italy

Geological study and report in collaboration with other technical experts for stabilization of instability have taken place in a building located at Albano Laziale parts near Rome city, including drillings, SPT tests, visual inspection of cavities, calculating RQD and RMR for the determination of geotechnical model of the subsurface

Business or sector Geology and Geotechnics

July 2013 – March 2014 Independent consultant

Comunità Montana dei Castelli Romani e Prenestini, 117 Via della Pineta, Rocca Priora (Rome) 00040, Italy

IT consultant for the implementation of the 'Documentation Centre for the Museum Grand Tour at the Comunità Montana dei Castelli Romani e Prenestini'

Business or sector IT technology

May 2013 – July 2013 **Independent consultant**

Geological Office of Maurizio Scardella, 115/a Viale I maggio, Grottaferrata (Rome) 00046, Italy
Analysis of seismic data as evidence in a lawsuit

Business or sector Geology

February 2013 – August 2013 **Independent consultant**

E4E srl, 4 Via S. Tarcisio, Rome 00178, Italy

Consulting and implementation of a database for the management of water resources and drinking water of the Servizio Idrico Integrato (SII) of Terni City

Business or sector IT technology - Geology

September 2012 – January 2013 **Independent consultant**

Leonardo Sistemi srl, 39 Via Nadir Quinto, Rome 00127, Italy

Environmental consultant and technical project manager for environmental monitoring of the Parco Regionale dei Castelli Romani

Business or sector IT technology -

Geology September 2010 – June 2012 **Independent consultant**

E4E srl, 4 Via S. Tarcisio, Rome 00178, Italy

- consultant for project monitoring Mo.Net (MOnitoring NETwork) of energy production facilities
- realization, implementation and configuration of Mo.Net, applied to the production of photovoltaic production facilities
- geological study and report for the construction of a tower used as a meteorological station
- statistical analysis of meteorological data

Business or sector IT technology - Geology

July 2008 – July 2010 **Environmental consultant**

Leonardo Sistemi srl, 39 Via Nadir Quinto, Rome 00127, Italy

- consultant of projects for environmental monitoring
- study and implementation of prototype environmental monitoring Sistema MOnitoraggio (Si.Mon) frameworks of monitoring environmental for the Consorzio di Bonifica dell'Agro Pontino
- consultant and web designer for the creation of portals for environmental issues ('Informambiente' web site)

Business or sector IT technology - Geology

April 2007 – July 2008 **IT consultant**

Consorzio SBCR - Biblioteca di Genzano di Roma, Viale Mazzini 12, 00045, Genzano di Roma, Rome; Italy

Web designer, HTML and PHP programming, graphic using Adobe Photoshop and Illustrator, QuarkXpress; pager with software usage for local magazine

Business or sector IT technology

February 2007 – April 2007 **Environmental consultant**

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Course organizer on the solar system and energy technologies ; Environmental educator

Business or sector Environmental education

April 2006 **IT consultant**

Ajilon Solution, Via Dante 4, 20121 Milan, Italy

IT consultant for the proper management and success vote count in the pilot project of election review for the parliamentary elections in the 2006 year

Business or sector IT technology

November 2005 - January 2006 **IT consultant**

Dipartimento di Pianificazione territoriale ed Istituzionale Urbanistica building, Via Luigi Pianciani 22, 00185, Rome; Italy

Georeferencing and vectorialized of technical cartography with software GIS MapInfo™ and ARCGIS™ for the cataloguing of building of the "Provincia di Roma"

Business or sector IT technology

September 2002 - September 2003 **IT consultant**

ISIS srl, Via del Pianeta Terra, 83 00144, Rome, Italy

PHP, HTML programmer; Visual Basic consultant for SHADES (Software for Historical Archives DEscription) for "Istituto per la Storia del Risorgimento Italiano"; software responsible of network computer at INA and "Istituto del Risorgimento Italiano"; System tester at ACI;

Business or sector IT technology

January 2002 – May 2002 **Graduating**

Earth science building, University "La Sapienza", P.le Aldo Moro 5, 00185, Rome, Italy

Interpretation and georeferencing of aerial pictures, digital cartography achievement.

Business or sector Geology

December 2000 – December 2001 **Graduating**

Earth science building, University "La Sapienza", P.le Aldo Moro 5, 00185, Rome, Italy

Geochemical analysis of water stratum near Tirana city, Albania

Business or sector Geology

COURSE AND LECTURES

May 2012 **Professor of Geology**

Public Museums Circuit of Albano Laziale, Rome; Italy

Professor of Geology in Landscape in time with The Geomorphological origin of Castelli Romani, Alban Hills, Italy - Archeological and Environmental tutorial

April 2012 – July 2012 **School education**

Albafor S.p.A., Via Rossini, 107, 00041, Albano Laziale, Rome, Italy

Teacher of technology science

2006 - 2007 **Professor of photovoltaic plant and solar thermal plant course**

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Professor of photovoltaic plant and solar thermal plant course

November 2006 - December 2006 **School education**

Public School Tino Buazzelli, Via Risorgimento 3, 00044, Frascati, Rome, Italy

Teacher of mathematics science

September 2006 **Professor of Geothermic Energy**

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Professor of geothermic energy in Solar energy and energetic analysis technician expert course

EDUCATION AND TRAINING

December 2016 **Asbestos How to use**

ALIS srl., Piazza delle Cinque Scuole, Rome, Italy

Detection of asbestos: census, mapping, identification, evaluation, cleaning methods and decision criteria

October 2016 **Protecting Endangered Species with Continuous Water Quality Data Webinar**

Aquatic Informatics Inc., West Georgia St Vancouver, BC V6E 4M3

Protecting endangered species with continuous water quality data combined sample and hydrometric data

June 2016 – October 2016 **Geological and Geomorphological Cartography in professional practice**

ISPRA, Istituto Superiore per la Protezione e la Ricerca dell'Ambiente

- stratigraphic and structural mapping of Italy with CARG methods and national standard procedures of survey
- geomorphological mapping of Italy, surveying of the continental and seabed Quaternary sediments and of volcanic areas with CARG methods, national standard procedures of survey
- reading of geological and geomorphological samples maps
- field survey for exercise on the topics covered in the course

- November 2015 **Evolution of Roman River Basin pattern and relative urbanization**
Società Italiana di Geologia Ambientale (SIGEA)

A study of land use in relation to the southeast secondary sector of the Rome, between this and the Alban Hills, from the Unification of Italy to today

- October 2014 **Geosites in Rome: book presentation**
Società Italiana di Geologia Ambientale (SIGEA)

Geosites in the territorial of Rome, Capital of Italy

- April 2014 **The hydrogeological: prediction, prevention and mitigation of risk**
Società Italiana di Geologia Ambientale (SIGEA)
 - hydrogeological settings: prediction of risk
 - prevention and mitigation of risk

- March 2013 **Urban planning and hydrogeological risk**
Società Italiana di Geologia Ambientale (SIGEA)

Geomorphologic and geological aspects of the Volcano "Colli Albani" able to identify the structure, shape and materials in relation to the expansion and consumption of the soil and the pressure of the city of Rome

- November 2012 **Remediation of contaminated sites: the plan for the site-specific environmental characterization**
Geocorsi e-learning platform for continuing professional education (<http://www.geocorsi.it>)
 - aspects of the technical and administrative procedural of the characterization plan in accordance with the Italian regulations 152/2006
 - geo-environmental investigations for matrix soil/subsoil and groundwater
 - processing and return of the survey results

- October 4 – 10, 2011 **Aeolian Cetacean Project**
Necton S.C., Via Celona, 11, 98165, Ganzirri (ME), Italy

Study of the life and habits of cetaceans of the Aeolian islands, collecting data at sea to conduct a post data collection

- July 2008 **The Environmental Management System and Italian Environmental Regulations**
Nova Consulting, Via di San Tarcisio, 4, 00178, Rome, Italy

The Italian Legislative Decree 152/2006, "Environmental Regulations" EIA and SEA, soil conservation and water pollution, waste management and remediation of contaminated sites, air emissions.; EMAS; ISO 14000

- February 2007 **Large solar thermal systems use**
Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Detailed principles of operation and basic principles of design and construction of solar thermal systems for residential large use

- September 2006 **Technique of ancient hydraulic buildings**
Società Italiana di Geologia Ambientale (SIGEA)

- May 2006 **Solar Industry – Task 33**
Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

First logical principles and operation of solar thermal systems for industrial use

May 2006 Local status of environmental communication strategies

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Technical criteria concerning the environmental status, environmental communication strategies, development tools in the field of environmental economics

March 2006 SOLARGE – Solar thermal plant for residential large use

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

- first principles of operation of solar thermal systems for residential large use
- project SOLARGE

March 2006 Solar cooling

Reseda SCS Onlus, Via Lombardia 19, 00045, Genzano di Roma, Rome, Italy

Principles of operation and design of solar thermal systems for use in cooling systems for buildings

2005 Urban geology of Rome

Società Italiana di Geologia Ambientale (SIGEA)

- resources and geological hazards in Rome
- the works and their interference with the geological environment

2005 - 2006 Technician of environmental impact studies means remote sensing and GIS tools

System Service, 31 Via Falessi, Albano Laziale (Rome) 00041, Italy

- remote sensing images interpretation
- theory of cartography, analysis of maps, theory of Geographic Information System
- theory of database, Microsoft Access™ database user
- theory of Environmental Impact Studies
- examples of works
- internship at Provincia di Roma urban planning sector

November 2002 Rational Team Test for Performing Testing

Rational, Rome, Italy

- analysis of complex HW / SW resource
- improvement of complex HW / SW systems
- use of testing Rational Performance Test Package

2002 Graduated in Geological Science

University of Rome 'La Sapienza', 5 Piazzale Aldo Moro, Rome 00185, Italy

- courses related to Earth Sciences
- geotechnics specialization
- title of the first thesis 'Geochemical analysis of water stratum from the floor before Tirana City, Albania'
- title of the second thesis: 'Aerial pictures and GIS in the geoenvironmental analysis: an example for coast lake'

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING

SPEAKING

WRITING

Listening

Reading

Spoken interaction

Spoken production

English

B1

B2

A2

A2

B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- four years of work in team for the develop of framework for the storage and analysis of scientific data for Leonardo Sistemi and Nova Consulting

Organisational / managerial skills ▪ capability in coordinating and managing activities of boy group for associative work ▪ responsible of environmental projects

Job-related skills ▪ know ledge of Italian legislation useful to prepare geological and technical reports
▪ in-depth knowledge of geotechnical tools
▪ expertise in the applied geology science
▪ knowledge of the planning instruments and land management
▪ in-depth knowledge of Italian environmental legislation

Computer skills ▪ good web language programmer in php, asp for made of:
· website for StudioCommercialeCS, Albano Laziale, Rome, Italy, 2009
· web portal for AlbanoCalcioA5 association, Albano Laziale, Rome, Italy, 2012
· web portal for Omani Archaeological mapping system, Sultanate of Oman, Oman, 2015
· web site for Studio Geologico PDM, Grottaferrata, Rome, Italy, 2016
· web site for Arcieri del Falco Association, Ciampino, Italy, 2016
· web site for SINGEOP – Sindacato Nazionale Geologi Professionisti, Roma, Italy, 2016
· web site for ATA Research Group, Rocca di Papa, Italy, 2016
▪ Java programmer,
▪ knowledge of MySQL for professional experience
▪ good knowledge of GIS software for professional experience, knowledge base of AutoCAD™
▪ basic knowledge of remote sensing software
▪ excellent knowledge of Office™
▪ user of O.S. like Windows NT™ and like UNIX
▪ basic skills of image processing software for astronomical data analysis for avocation

Other skills ▪ chartered geologist
▪ enrollment as associate member of the Società Italiana di Geologia Ambientale (SIGEA)
▪ passionate about astronomy and planetary science; amateur researcher at the Associazione Tuscolana di Astronomia (ATA)
▪ participant as a geologist in the 'Laboratorio urbanistico partecipato' (Urban-planning laboratory) with purpose to the study and improvement of the city of Albano Laziale (Rome, Italy)
▪ enrollment to AMLAS Singing School Association of Albano Laziale
▪ enrollment as an associate investigator at the Necton-Delphis Association for the Study of Cetaceans in the Mediterranean Sea

Driving licence ▪ A
▪ B

ADDITIONAL INFORMATION

Presentations ▪ presentations of the esogeology of Moon and Mars for the Associazione Tuscolana di Astronomia (ATA) School of Astronomy (2013-2014)
▪ Author of the section "Esploriamo la superficie di Marte" for the "Astronomy" UAI magazine.

Projects ▪ Albadata and Quercie Digitali projects, with the purpose of implement a database of historic trees o the Alban Hills, Albano Laziale and Rocca Priora City, Rome, Italy (2014)
▪ Ville di Roma project; an application for smartphones information and documents on the environment and the urban territory (A.R.E.A. GIS s.r.l., 2014)
▪ Educazione Stradale Project with making of the website of Project, (Albano Laziale, Rome, Italy 2012)
▪ Mo.Re. & Mo.Re. More Reusing - More Recycling: LIFE+ European project aimed at raising awareness of the re-use of waste (NOVA CONSULTING srl, Rome Italy, 2010-2012)
▪ Inform Ambiente project, with the purpose of spread the environmental culture and the Italian environmental legislation (CREIA, Rome Italy, 2009)