

## CURRICULUM VITAE

Name: **Giuseppe Silvestro**  
Birth Place: **Melfi (Potenza) - Italy**  
Birth Date: **September 27th, 1982**  
Postal address: **Vico S. Dionisio, 26 – 85025 Melfi (Pz)**  
Nationality: **Italian**  
Mobile: **+39.333.7147614**  
E-mail: **giuseppe.silvestro@aol.it**  
Skype: **giuseppe.silvestro.82**

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### EDUCATION

2017 **MBA** Executive format – ESCP Europe (Paris; London; Berlin; Bruxelles; Madrid; Turin)  
2007 **2nd level Master** “*Environment and Sustainable Development*” – Milan University of Technology  
2006 **MSc Civil Engineering** – Milan University of Technology  
2004 **BSc Civil Engineering** – Milan University of Technology

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### EXECUTIVE TRAINING

“*Power and Negotiation*”, SDA Business School – Bocconi University, Milan (IT)  
“*Business English Advanced*”, A2Z School, Manchester (UK)  
“*Problem Solving and Decision Making*”, ESPC EUROPE Business School, Turin (IT)  
“*PMI – PMbok Guide – Fifth Edition*”, Master School “*F.lli Pesenti*”, Milan (IT)  
“*Project performance, risk and control management*”, MIP Business School, Milan (IT)  
“*Project Management*”, MIP Business School, Milan (IT)

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### PROFESSIONAL TRAINING

“*Health and Safety Supervisor*” under Canadian rule, Ontario Government  
“*Health and Safety Expert*” under Italian rule (italian: CSP-CSE-RSPP), Order of Engineers  
“*Energy Management Expert*” under ISO – EN – UNI Standard (Italian: EGE)  
“*Design and Construction under LEED Standard*”, Order of Engineers  
“*Nonlinear Analysis for seismic design*”, EUCENTRE Foundation, Pavia  
“*CE Mark and standard of conformity*” for concrete products, Bergamo

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### WORK EXPERIENCE

**Professional Engineer**  
- Structural, geotechnical, H&S and Environmental consultant  
- Process and product management (also consultant of Italian Justice Administration)

2015 – 2017 **Norda-Gaudianello-Sangemini Group**  
- IFS Consultant for product-defense procedures and activities (food defense) on national plants (5 plants)  
*Total amount of works:* 100.000,00 euro  
- Design and management of structures and procedures for control of pollutant emissions  
*Total amount of works:* 30.000,00 euro

2016 **Trojan Technologies – London ON (CA)**  
- Wastewater disinfection procedures using new (semiconductors) and well-known technologies (UV)  
*Total amount of works:* not applicable

2015 – 2016 **FCA Fiat-Chrysler-Automobiles**  
- HSE contractor with legal accountability during revamping activities (24/7) – Melfi plant  
*Total amount of works:* 2.000.000,00 euro

2008 – 2014 **Italcementi Group**  
- Management of activities in difficult situations in Sicily: structural safety and product quality  
*Total amount of works:* not applicable  
- Supervisor according to rules and standards (186 plants): quality of production, environment, H&S  
*Total amount of works:* not applicable  
- Technical consultant on R&D projects for national activities  
*Total amount of works:* not applicable  
- Process and procedure designer for production – Ait Baha plant (**Morocco**)  
*Total amount of works:* 3.500.000,00 euro

2013 **“Politecnico di Milano” Foundation**  
- Management of public co-funded R&D projects: ITC, Cultural Heritage and Renewable Energy  
*Total amount of works:* 4.000.000,00 euro  
- Management of team works: Civil and Information Engineering field  
*Total amount of works:* not applicable

2012 – 2013 **Calcestruzzi S.p.A.**  
- Design and implementation of Audit Compliance service on national plants (46 plants)  
*Total amount of works:* not applicable  
- Technical evaluation of projects for water treatment plants (46 plants)  
*Total amount of works:* 1.500.000,00 euro total amount of project

2010 – 2012 **CIS-E Consortium** (a start-up company of Milan University of Technology)  
- Project coordinator or team member for special-construction and revamping works (civil and military)  
*Total amount of works:* usually more than 1.000.000,00 euro for private buildings in Milan (team member)  
*Total amount of works:* not applicable for dry dock in Messina Military Harbour (Project Coordinator)

- Project Coordinator of R&D private-funded activities  
*Total amount of works:* not applicable
- Validation of three heavy-construction projects (3 student houses) under Italian rule (DPR 207/2010)  
*Total amount of works:* 3.000.000,00 euro for each of the residence
- 2008 – 2009 **Relight Group**
  - Structural and geotechnical design of wind and solar power plants (6 plants)  
*Total amount of works:* between 5 and 20.000.000,00 euro for each plant
- 2007 – 2008 **RockSoil S.p.A.**
  - Junior designer of heavy-construction works (tunneling, underground lines and geotechnical projects)  
*Total amount of works:* 5.000.000,00 euro – Milan Underground – Line 3, Northern Extension  
*Total amount of works:* more than 10.000.000,00 euro “Variante di Valico”, site n°10 and n°12  
*Total amount of works:* more than 10.000.000,00 euro Rome Underground – Line C

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## ACCADEMIC EXPERIENCE

- 2016 Temporary Associate (*with a CNI-ISSNAF Scholarship*) – Western University – London ON (CA)
- 2012 – 2014 Temporary Teacher at Summer School – University of L’Aquila (IT)
- 2010 – 2013 Temporary Teacher at Master School “*F.lli Pesenti*” – Milan University of Technology (IT)
- 2006 ALERT School “*in geomaterials*” – Aossuoi (Fr) – Int. alliance of geotechnical university laboratories

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## SCIENTIFIC WORKS

- N. Longarini, M. Zucca and G. Silvestro, “*The Constructions Vibration Control by Tuned Mass Damper*”, IABSE Conference 2015 – “Structural Engineering: Providing Solutions to Global Challenges”, Geneva (CH)
- N. Longarini, M. Zucca and G. Silvestro, “*Tuned mass damper use for structural improvement behavior in some representative Italian constructions*”. I.Co.E.V. 2015, Lubiana (SLO)
- N. Longarini, P. Crespi, M. Zucca, N. Giordano, G. Silvestro, “*The advantages of Fly Ash use in concrete structures*” – Inzynieria Mineraria; Journal of Polish Mineral Engineering Society 2/2014 (n°34), Cracow (PL)
- G. Silvestro, N. Longarini, P. Crespi, N. Giordano, “*Prestazioni, accettazione e norme di prodotto per i materiali da costruzione alla luce della normativa vigente – il caso del calcestruzzo*” – Atti “*Giornate AICAP 2014*”, Bergamo (IT)
- N. Longarini, M. Zucca, G. Silvestro, “*Le ceneri volanti nel confezionamento dei calcestruzzi ad alta resistenza*” – Atti “*Giornate AICAP 2014*”, Bergamo (IT)
- P. Crespi, N. Giordano, N. Longarini, G. Silvestro, “*Analisi di Vulnerabilità sismica dei viadotti autostradali*” – Atti “*Giornate AICAP 2014*”, Bergamo (IT)
- N. Longarini, P. Crespi, M. Zucca, N. Giordano, G. Silvestro, “*The use of fly ash in high strength concrete mix design*” – 18th Conference on Environment and Mineral Processing & Exhibition – Technical University of Ostrava, Ostrava (CZ)
- N. Longarini e G. Silvestro, “*Il calcestruzzo: normative, prestazioni e accettazione*” – convegno internazionale CIAS 2013 (prolusione ed atti pag.80), Creta (GR)
- M. Borsa, G. Silvestro, G. Plizzari et al. “*Il velario della chiesa del nuovo ospedale di Bergamo, aspetti strutturali*”, atti convegno CTE 2012, Bologna (IT)
- N. Longarini, F. Pizzamiglio, G. Silvestro, “*Prove cicliche su nodi pilastro-trave di fondazione per l’adeguamento sismico di strutture esistenti, verifica comparativa tra due tecniche diverse*”, atti convegno CTE 2012, Bologna (IT)
- N. Longarini, P. Crespi, G. Silvestro et al. “*An innovative tall building conception: the sphere*” – Act of IABSE-IASS Symposium “*Taller, Longer, Lighter*”, 2011 Sept., London (UK)
- G. Silvestro, N. Longarini e N. Spiliotopoulos, “*Un canale navigabile per collegare il mare Adriatico con il Danubio*” – Atti giornate AICAP 2011 – 19-21 Maggio 2011, Padova (IT)
- A. Migliacci and G. Silvestro; “*Outlines of the Adriatic Project for an inland waterway connecting the Adriatic Sea and the Danube River*” – “*Studies and Researches*” vol. 27, ed. Starrylink (IT)
- G. Silvestro; “*Lavori di adeguamento dell’autostrada A1 Milano – Napoli nel tratto di attraversamento appenninico tra Sasso Marconi e Barberino del Mugello: La galleria Sparvo*” – Sommario tesi di master, “*Studies and Researches*” vol. 27, ed. Starrylink (IT)
- R. Castellanza, M. Parma, V. Pescatore and G. Silvestro; “*Modeling Footing Load Test on Soft Rocks*” – ASTM Geotechnical Testing Journal, Volume 32, Number 3 (USA)
- R. Nova, R. Lagioia, M. Parma and G. Silvestro; “*Plate Load Test on soft rock*” – act of ALERT School 2006 – Aossuoi (FR)

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## SKILLS

- Enrolments**
  - Order of Engineers – Potenza Chapter (n°2370)
  - Energetic Certifier – Lombardia Chapter (n°6640)
  - Technical Consultant of Justice Administration – Potenza Court (n°88)
  - HSE – Health and Safety Expert (Italian standard: RSPP and CSP/CSE)
  - PMI – PMP Project Manager Professional (in progress)
- Languages**
  - Italian** (Native language)
  - English** (Advanced – *CEFR C1*)
  - Spanish** (Intermediate – *CEFR B2*)
- Computer**
  - European Computer Driving Licence (*ECDL*)
- Others**
  - Amateur student of modern sociology
  - Rotary International Fellow
  - Historical writer and Sightseeing guide for Archeclub d’Italia (NGO Art-protection Charity)

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## PRIVACY

I allow using and processing of my personal data under Italian Privacy Code.