

Dr Francesco Basile, PhD

Personal details

Nationality Italian
Date of Birth 6th June 1969
Profession Civil Engineer
Specialisation Geotechnics
Company Geomarc Ltd
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Key qualifications

- Over 25 years' international experience in geotechnical engineering design, analysis, and research. Work carried out includes interpretation of data and preparation of site investigation reports, analysis and design of shallow/deep foundations, retaining walls, cut and cover structures, slopes, ground improvement, reinforced earth structures, geotechnical monitoring, and site supervision. Major projects include Revolving Orchid Tower (Bahrain), Opera Grand Tower (Dubai), UNSW Science Building (Australia), Tracoccia Tunnel (Italy), Channel Tunnel Rail Link (UK), Docklands Light Railway Extension to London City Airport (UK), Submarine Refit Complex at Devenport Royal Dockyard (UK).
 - Internationally recognised expert on pile foundations and numerical analysis of soil-structure interaction. Author of BEM code for pile-design software Repute, market leader in the UK and used by 400+ major companies worldwide. Two theses, a book chapter, and over 30 papers on pile behaviour published in reputed international journals and conference proceedings.
 - Current UK delegate on ISSMGE technical committee TC212 "Deep Foundations".
 - Current Italian delegate on Eurocode 7 technical committee CEN TC250/SC7/WG3/TG3 "Pile foundations".
 - Contract Professor in "Foundation Engineering" at Catania University, Italy (2001-2002). Scientific referee for leading international journals, including Géotechnique, Soils and Foundations, and Canadian Geotechnical Journal. Frequently invited to give lectures and presentations on pile behaviour at leading educational establishments, international conferences, engineering consultants and contractors.
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Professional record

- 2003-present: Geomarc Ltd, Messina, Italy
 - 1999-2003: Halcrow Group Ltd (now Jacobs), London, UK
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Education and Professional status

- PhD Geotechnical Engineering, Glasgow University, UK, 1999
 - MEng Civil Engineering, Catania University, Italy, 1993
 - Chartered Member of "Ordine degli Ingegneri", Italy, 1994
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Languages

- Italian: Mother tongue
- English: Fluent