

# Dr Francesco Basile, PhD, MEng

Profession: Civil Engineer  
Specialisation: Geotechnics  
Nationality: Italian  
Date of birth: 6<sup>th</sup> June 1969  
Company: Geomarc Ltd  
Via C. Pompea 1943 Ganzirri, 98165 Messina, Italy  
11 Southbrae Gardens, Glasgow G13 1UB, United Kingdom  
tel +39 338 7038381  
francesco.basile@geomarc.it – www.geomarc.it

## 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/pile 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), Sydney Airport (Australia), High Speed 1/Channel Tunnel Rail Link (UK), Docklands Light Railway Extension to London City Airport (UK), Submarine Refit Complex at Devenport Royal Dockyard (UK), Tracoccia Tunnel (Italy).
- Internationally recognised expert on pile foundation design and analysis, particularly pile groups and piled rafts. Author of boundary element code for REPUTE, the UK's leading software for pile design used in thousands of major projects worldwide. Over 30 papers on pile behaviour published in refereed journals and conference proceedings.
- Current UK delegate on ISSMGE technical committee TC212 "Deep Foundations".
- Current Italian delegate on Eurocode 7 technical committees CEN TC250/SC7 "Pile foundations" and "Numerical methods".
- Contract Professor in "Foundation Engineering" at the University of Catania, Italy (2001-2002). Scientific referee for leading international journals. Frequently invited to give lectures and presentations on pile behaviour at leading educational establishments, international conferences, engineering consultants and contractors.

## Professional record

- 2003 – present Geomarc Ltd, Messina, Italy
- 2005 – 2007 R.F.I./Italian Railways, Messina, Italy
- 1999 – 2003 Halcrow Group Ltd (now Jacobs), London, UK
- 1997 – 1998 Halcrow Group Ltd (now Jacobs), Glasgow, UK

## Education and Professional status

- PhD Geotechnical Engineering, University of Glasgow, UK, 1999
- MEng Civil Engineering (110/110 *cum laude*), University of Catania, Italy, 1993
- Member of International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE), since 1997
- Member of British Geotechnical Association (BGA), since 1997
- Member of Ordine degli Ingegneri (Chartered Engineer), Italy, since 1994
- Member of Italian Geotechnical Association (AGI), since 1994

## Languages

- Italian: Mother tongue
  - English: Fluent
-