

Carlo Viggiani

Carlo Viggiani graduated in Civil Engineering in 1960 at the University of Napoli. He has been teaching in different Italian Universities; from 1974 to 2011 Professor of Foundation Engineering at the University of Napoli Federico II, where he is at present Emeritus Professor.

State of the Art Reporter at the International Conferences on Soil Mechanics and Geotechnical Engineering in New Delhi, 1994 (Mitigation of Natural Hazards: Landslides and Subsidence) and in Osaka, 2005 (Pile foundations).

Author or Co-Author of 4 books and more than 200 technical papers; his research interests include Theory of Consolidation, Soil-Structure Interaction for Shallow and Deep Foundations, Earthquake Engineering, Applications of Geotechnics to the Conservation of Monuments and Historic Sites.

Chairman of TC19 (later TC301) (Preservation of Monuments and Historic Sites) of the ISSMGE from 1991 to 2013, and involved in the conservation of a number of monuments affected by geotechnical problems.

From 1990 to 2002 member of the International Committee for the Safeguard of the Leaning Tower of Pisa, and presently member of the Monitoring and Surveillance Committee of the Tower. His interest to the Tower dates back to 1963.

Geotechnical consultant in the design and construction of a number of civil engineering structures: earth dams, civil and industrial buildings, bridges, tunnels and underground constructions, stabilisation of landslides. Consultant for Italian Railways and Underground Transportation Systems in Rome, Napoli, Torino, Bologna, Firenze. Involved in the design of the suspension bridge over the Messina Straits.