

Francesco Silvestri - Short CV

Born in Napoli (Italy) in 1960, M.Sc. in Civil Engineering (1986), Research Assistant (1990) and Ph.D. in Geotechnical Engineering (1991) at University of Napoli Federico II. Associate Professor at University of Calabria in 1998, Professor since 2003, since 2007 back to University of Napoli Federico II.

Currently teaching '*Soil Dynamics and Earthquake Geotechnical Engineering*' and '*Static and Seismic Foundation Design*' at University of Napoli Federico II and '*Soil dynamics and non-linear site response analysis*' (Master on Geomechanics, Civil Engineering and Risks) at University of Grenoble-Alpes (France). Supervisor of 14 PhD theses in Geotechnical Engineering or Seismic Risk.

Experimental and analytical research on the seismic behaviour of soils, slopes, buildings and infrastructures; main current interests: seismic response analysis, seismic slope stability, liquefaction, soil-foundation-structure interaction, seismic performance of earth dams and underground excavations.

Scopus indicators of scientific productivity to date:

- total number of documents: 132 (61 journal articles);
- total number of citations: 1998;
- h-index: 26.

Coordinator of national and international Research Projects on soil dynamics and earthquake engineering.

Member of national and international Technical Committees on geotechnical testing and earthquake geotechnical engineering, including ISSMGE TC203 '*Earthquake Geotechnical Engineering*'.

Guest editor of special issues on the Italian Geotechnical Journal (*Rivista Italiana di Geotecnica*) and *Acta Geotechnica*.

Co-organizer and editor of the proceedings of the *International Symposium on Volcanic Rocks and Soils* (Ischia, 2015).

Invited lecturer, session chairman and discussion leader at national and international conferences, including *International Conference on Soil Mechanics and Geotechnical Engineering* (General Reporter in 2013), *Italian Conference in Geotechnical Engineering* (Keynote Lecturer in 2014), *International Symposium on Landslides* (Panel Reporter in 2016), *Performance-based design in Earthquake Geotechnical Engineering* (Theme Lecturer in 2017, Keynote Lecturer in 2022).

Chairman and editor of the proceedings of the 7ICEGE – 7th *International Conference on Earthquake Geotechnical Engineering* (Rome, June 17-20, 2019).