

Curriculum Vitae Anna Scotto di Santolo

Dr Scotto di Santolo received her Master degree in Civil Engineering from the Faculty of Engineering at University of Naples Federico II in 1995. She continued her studies at the Department of Geotechnical Engineering of Federico II and at Bristol University (UK) through a research project "Use of large facilities" funded by the European Community under the program ECOEST, where she was involved in experimental activities on scaled shaking table tests. She obtained a PhD in 2000 in Geotechnical Engineering at University of Rome, La Sapienza. During her doctoral studies she was involved in the hazard assessment and risk mitigation related to the debris flows occurred in Campania region, southern Italy.

Her primary research work is focused on soil mechanics. Her research uses experimental techniques and numerical modelling (FEM and DEM). She has been applying these techniques to look at pyroclastic soil and rock behavior also in partly saturated conditions, slope stability and static and seismic performance of geotechnical structures (2 and 3D).

She actively participated in several research projects of National Interest (e.g. PRIN 2001 principal investigators Prof. A. Pellegrino Federico II University, and PRIN 2006 p.i. Prof. L. Picarelli, Second University of Naples; PON 2006, PON 2010; now PRIN 2020 principal investigators Prof. M. Di Prisco, Politecnico di Milano), and European interest (like "Experimental Investigation of the Dynamic Behavior of Cantilever Retaining Walls", funded by the European Community under the program Seismic Engineering Research Infrastructures for European Synergies - SERIES, leader prof. A. Evangelista - European Union Seventh Framework Programme (FP7/2007-2013) for access to the Bristol Laboratory for Advanced Dynamics Engineering (BLADE), University of Bristol (UK under grant agreement 227887).

She participated in the research activity related to the rigid and flexible retaining walls in the ReLUIS 2009-2012 project. AT2.1 Task MT3 UR, Unina leader Prof. F. Silvestri.

She was the scientific head of the research "RADICES Recupero Ambientale di Cavità nei centri storici" funded by the Campania Region as part of the public advice "Borse di ricerca volte al sostegno di ricercatori per la promozione di processi di open innovation negli ambiti tecnologici prioritari della RIS 3".

She was team leader of the scientific projects: AMUSE (*Augmented MUSEums* - Strumenti avanzati per la creazione e gestione di tecnologie a favore della musealizzazione), for Pegaso University, within the POR Calabria FESR- FSE 2014-2020, Asse I, O.S. 1.2, 1.2.2; TISMA (*Tecnologie e metodologie Innovative e Smart per un Monitoraggio di borghi storici minacciati da rischi Ambientali e antropici*) POR Campania FSRE POR FESR CAMPANIA 2014/2020, Asse I, O.S. 1.1 (DD 532 del 10/10/2018); SCOPERTA (Siti culturali e offerta di percorsi emozionali con reti di tecnologie avanzate) POR CAMPANIA FESR 2014/2020.

She participates in the research activity on the “soil-foundation-structure interaction also in the presence of anthropic cavities” within the project Executive Agreement AQ DPC / ReLUIIS 2014-2018 RELuis UR WP1-WP3 2017-2018 Prof. F. Silvestri.

She was a Research Fellow at the Department of Civil Engineering at the University of Bristol (UK) in 2010- 2012.

In 2012 she was contract professor at the University of Sannio (Italy) of the course “Geotechnics for the Hazard assessment and Risk Mitigation”.

Since 2013 to 2017 she was lecturer (art. 24 c.3-a L. 240/10) at the Telematics University Pegaso where she was actively involved in teaching Geotechnical Engineering at undergraduate levels (L7) and Earthquake Foundation risk management for Master degree students (LM26). She was supervisor or co-supervisor of more than 50 Master Theses.

In July 2014 she received the national academic qualification for associate professor of 08 / B1 – SSD: ICAR/07. In 2020 she received the national academic qualification for full professor of 08 / B1 – SSD: ICAR/07.

Since November, 2nd 2021 she is full professor of 08 / B1 – SSD: ICAR/07 at Pegaso University.

AREAS OF EXPERTISE:

Slope stability, Laboratory testing and data interpretation, Retaining structures, Environmental monitoring, Numerical modeling of fast landslides, Rock engineering, Geotechnical earthquake engineering, Risk management.

ENGINEERING ASSOCIATION:

Certificate of qualifying examination for the practice of the profession as Engineer (April, 16, 1996). On the register of the Napoli Engineering Association since 1996.

Member of: the Associazione Geotecnica Italiana and “Consorzio Inter-Universitario per la Previsione e Prevenzione dei Grandi Rischi C.U.G.RI” of University of Napoli and Salerno.

Since September 2017 she is member of the research center Benecon scarl.

PUBBLICATIONS

Author of 133 scientific documents and papers, [orcid.org/ 0000-0001-6653-2470](https://orcid.org/0000-0001-6653-2470). To this date, according to SCOPUS database it results - 42 documents, 57 co-authors, 452 citations, h-index=12.

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