Curriculum

Prof. Ing. Lucio Olivares

1991: graduated in Civil Engineering University of Naples Federico II

1996: Ph.D.in Geotechnical Engineering

Academic Position:

1996-2009: Academic Researcher (Second University of Naples - SUN)

2010-2020: Associate Professor (University of Campania Luigi Vanvitelli- Italy);

2002-today: Director of the Geotechnical Laboratory of University of Campania "Luigi Vanvitelli" (R.A.D.O.R.)

Current Academic Position: full Professor (University of Campania "Luigi Vanvitelli" - Italy);

Teaching: Soil Mechanics, Retaining Structures, Slope Stability and Landslides, principles of geotechnics for building restoration

Research activities: Geotechnical Earthquake Engineering, Soil Laboratory Testing, Clay Shale, Pyroclastic Soil, Unsaturated Soil, Geotechnical Engineering, Hydrology and Landslides, Physical Modelling, Flowslides Risk Mitigation

Scientific activities:

Author of more than 150 papers International Conferences and Journals

Referee and editor of Int. Journals

member of Scientific Committees for international conferences.

Invited Lecturer and member of Organizing committee at several National and International Conferences:

2001_Fourth Int. Conf. on Recent Advances in Geotech.Earthquake Eng. and Soil Dynamics"-San Diego,USA, Official Discusser

2001-XV Int. Conf. on Soil Mech. and Geotech. Eng.- Landslides on transition from Slide to Flow:Mechanisms and remedial Measure, Trabzon, Turkey

2003 – of Member of the Organizing Committee of International Conference "Fast Slope Movements - Prediction and Prevention for Risk Mitigation" FSM 2003 Napoli 11-13 Maggio 2003, Italy.

2003 Member of the Organizing Committee of International Workshop "Occurance and mechanisms of flow-like landslides in natural slopes and earthfills" (IW flows2003), 14-16

Maggio 2003, Sorrento (NA), Italy.

2004- 9th ISL Int. Symp. of Landslides-Rio De Janeiro, Panelist

2005-XVI Int. Conf. of ISSMGE Workshop on Unsaturated Soil-Case History in Unsaturated Soil Mechanics-Osaka

2006-Int. Conf. on Physical Modelling in Geotechnics-Hong Kong, General Reporter

2008-10th ISL Int. Symp. of Landslides-Xi'an, Special Lecturer

2015 - Member of the Organizing Committee of XXIV Convegno Nazionale di Geotecnica "Innovazione Tecnoclogica nell'Ingegneria Geotecnica", 22-24 giugno 2011, Napoli, Italia.

2015 – Member of the Organizing Committee of International Workshop on Volcanic Rocks and Soils, ISCHIA, Italia.

2018- "Chairperson" of the 7th International Conference on Unsaturated Soils (UNSAT2018) Parallel session 2B (August 2018). Hong Kong, Cina.

2018 Editor-in-Chief of Internazional Journal "Geosciences" (ISSN 2076-3263) for the Special Issue "Innovative Strategies for Sustainable Mitigation of Landslide Risk" for the research project PRIN2015 "Innovative monitoring and design strategies for sustainable landslide risk mitigation"N◦201572YTLA, Ministero dell'Istruzione, dell'Università e della Ricerca.

Member of the Ph.D. School:

2013 Ph.D. School - Geotechnical Engineering (University of Naples Federico II - A.C.);

2013-today Ph.D. School - Environment, Design, and Innovation (University of Campania "Luigi Vanvitelli")

International Committees: 2002 - 2006 Member of Technical Committees of the Int. Society for Soil Mechanics and Geotetechnical Engineering (ISSMGE): Unsaturated Soil TC6

Technology transfer in terms of creation of Academic Spin-Off and Industrial patents:

2019–today: Academic spin-off Strain s.r.l. of the University of Campania Luigi Vanvitelli (University proponent: Lucio Olivares) for the implementation of the project "Smart Transducers and Reinforcements for the Development of Artificial INtelligence in Civil Engineering Application" [STRAIN]

2019 - Patent for industrial invention of the NSTH Improved Transducer "New Smart distributed optical fiber Transducers made of Hybrid composite material for civil and environmental monitoring" WO IT WO2020193804A1 Lucio OLIVARES University of Campania "Luigi Vanvitelli" Priority 2019-03-28 • Filed 2020-03-30 • Published 2020-10-01