



Academic Personnel Short Profile / Short CV

University:	Neapolis University Pafos
Surname:	Bardanis
Name:	Michael
Rank/Position:	Visiting Lecturer
Faculty:	School of Architecture, Engineering, Land & Environmental Sciences
Department:	Department of Civil Engineering
Scientific Domain:	Geotechnical Engineering

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD Geotechnical Engineering	2016	National Technical University, Athens, Greece	Civil Engineering	Experimental and analytical investigation of the mechanical behaviour of unsaturated soils
MSc in Soil Mechanics	1998	Imperial College, London, UK	Civil Engineering	An experimental study of the 'robustness' of the Intrinsic Compression Line
Diploma of Civil Engineering	1997	National Technical University, Athens, Greece	Civil Engineering	Application of the theory of plasticity in the investigation of the mechanical behaviour of structured soils

Employment history in Academic Institutions/Research Centers				
Period of employment		Employer	Location	Position
From	To			
October 2018	Present	Neapolis University Pafos	Pafos, Cyprus	Visiting Lecturer
1999	2004	National Technical University of Athens (NTUA)	Athens, Greece	Research/Scientific Associate Geotechnical Section, Department of Civil Engineering

Key <u>refereed</u> journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	Long-term suction measurements in Greece & Cyprus. A continuous update.	D. Loukidis	Proc. 4 th Eur. Conf. on Unsaturated Soils, Lisbon, Portugal, 19-21 October, 2020		
2	2019	Moisture Migration Under Mat Foundations in Nicosia Marl	G. Lazarou, D. Loukidis	Geotechnical and Geological Engineering Journal, Springer	2019	
3	2019	Effect of compaction energy and vertical stress on fines' content and permeability of sandy materials	G. Dounias, I. Panagiotopoulou	Proceedings 11 th ICOLD European Club Symposium, Chania, Crete, 2-4 October 2019		
4	2019	Numerical simulation of swelling soil – mat foundation interaction	D. Loukidis, G. Lazarou	Proceedings of the 17 th European Conference on Soil Mechanics and Geotechnical Engineering		



5	2019	Roads under runways: The geotechnical investigation for the persistent pavement distresses at Ch. 1+395 of Runway 07-25 of Diagoras International Airport, Rhodes, Greece	Fikiris, I., Papakatsikas, Ch., Fullerton, B.	2 nd International Conference on Natural Hazards & Infrastructure 23-26 June, 2019, Chania, Greece		
6	2019	The failure of homogeneous dams by internal erosion – The case of Sparmos Dam, Greece	G. Dounias	Proceedings Sustainable and Safe Dams Around the World – Tournier, Bennett & Bibeau (Eds)		833-845
7	2016	Low-cost alternatives to estimate unsaturated soil shear strength parameters	Grifiza, S.	Proc. 3 rd Eur. Conf. on Unsaturated Soils, Paris, France, 12-14 September, 2016		
8	2016	Volumetric water content measurement probes in earth-dam construction		Proc. 3 rd Eur. Conf. on Unsaturated Soils, Paris, France, 12-14 September, 2016		
9	2016	Swelling and collapse of compacted soils to be used as earth dam cores	Grifiza, S.	Proc. 3 rd Eur. Conf. on Unsaturated Soils, Paris, France, 12-14 September, 2016		
10	2014	Collapse of coarse-grained materials due to inundation under one-dimensional compression conditions		Proc. 6 th Int. Conf. on Unsaturated Soils, 2-4 July 2014, Sydney, Australia	2	1659-1665

Exhibitions

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	2019	8 th Hellenic Conference on Geotechnical Engineering	National Conference	Athens, Greece	Organiser / Responsible for Proceedings / Speaker
2	2019	One-day Evening Workshop on Unsaturated Soils	National Workshop	Athens, Greece	Organiser / Responsible for Proceedings / Speaker
3	2015	15 th European Conference on Geotechnical Engineering	International Conference	Athens, Greece	Organiser / Speaker
4	2014	7 ^o Hellenic Conference on Geotechnical Engineering	National Conference	Athens, Greece	Organiser / Speaker
5	2010	6 ^o Hellenic Conference on Geotechnical Engineering	National Conference	Volos, Greece	Organiser / Speaker
6	2001	4 ^o Hellenic Conference on Geotechnical Engineering	National Conference	Athens, Greece	Organiser / Responsible for Proceedings / Speaker

Research Projects

Ref. Number	Date	Title	Funded by	Project Role
1	2019-Present	Physico-mechanical characterisation of ancient adobe bricks and investigation for raw material and new adobe bricks	Ministry of Culture, Greece	Project coordinator
2	2013-2015	ECOCEMENT- A Novel Bio-Mimetic Technology For Enzyme-Based Microbial Carbonate Precipitation Through The Revalorization Of Industrial Waste As Raw Materials, In Order To Produce Eco-Efficient Environmental Cement	European Commission	Head of External Laboratory where tests were outsourced

Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2019-Present	Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE)	President	Presiding over the Hellenic Society of Soil Mechanics and Geotechnical Engineering, representing it in the International Society of Soil Mechanics and Geotechnical Engineering for all its activities
2	2015-2019	Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE)	Secretary General	Organising the activities of the Hellenic Society of Soil Mechanics and Geotechnical Engineering
3	2018-2023	Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE)	Chairman of the 8 th International Conference on Unsaturated Soils	Chairing and managing the organising and scientific committee of the 8 th International Conference on Unsaturated Soils
4	2017-2019	Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE)	Key member of the organising committee of the 8 th Hellenic Conference on Geotechnical Engineering	Managing the organising and scientific committee of the 8 th Hellenic Conference on Geotechnical Engineering and editing the proceedings
5	2012-2014	Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE)	Key member of the organising committee of the 7 th Hellenic Conference on Geotechnical Engineering	Organising papers in the 7 th Hellenic Conference on Geotechnical Engineering and editing the proceedings



Awards / International Recognition			
Ref. Number	Date	Title	Awarded by:
1	2010-2011	Distinction at the 1 st Innovation Contest organized by SEV and Eurobank in 2010-2011 for a new laboratory apparatus for studying the long-term performance of fine-grained filters of dams from broken limestone (along with G. Dounias and S. Cavounidis)	Hellenic Federation of Enterprises and Eurobank
2	2000-2003	Scholarship for Doctoral Studies (after written examinations in which I came first)	State Scholarship Foundation (IKY) of Greece
3	1993-1994	Technical Chamber of Greece Merit for student performance for the academic year 1993-1994	Technical Chamber of Greece (TEE)

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	2009-Present	Founder and Head of the Soil & Rock Mechanics Laboratory of EDAFOS Engineering Consultants S.A.	Managing, promoting and continuously developing the Soil & Rock Mechanics Laboratory of EDAFOS Engineering Consultants S.A. in support of the company's geotechnical investigations and design studies in Greece and other countries
2	2015-2016	Founder and managing director of Bardanis Geotechnical Testing Systems (BGTS) a specialized private company focusing on modern equipment for soil testing	Managing and organizing the company, representation to clients, product development and promotion