



Academic Personnel Short Profile / Short CV

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

** Field of Specialization*

Academic qualifications (list by highest qualification)

| Qualification | Year | Awarding Institution | Department | Thesis title (Optional Entry) |
|------------------------------|------|---|-------------------|--|
| 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 |
| MSc in Soil Mechanics | 1998 | Imperial College, London, UK | Civil Engineering | An experimental study of the 'robustness' of the Intrinsic Compression Line |
| PhD Geotechnical Engineering | 2016 | National Technical University, Athens, Greece | Civil Engineering | Experimental and analytical investigation of the mechanical behaviour of unsaturated soils |

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

| Period of employment | | Employer | Location | Position |
|----------------------|---------|---------------------------|---------------|-------------------|
| From | To | | | |
| October 2018 | To date | Neapolis University Pafos | Pafos, Cyprus | Visiting Lecturer |

Key refereed journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)

| 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. 4th 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 11th 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 17th 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 | Fikiris, I., Papakatsikas, Ch., Fullerton, B. | 2nd International Conference on Natural Hazards & Infrastructure 23-26 June, 2019, Chania, Greece | | |

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|----|------|---|-------------|---|---|-----------|
| | | International Airport, Rhodes, 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. 3rd Eur. Conf. on Unsaturated Soils, Paris, France, 12-14 September, 2016 | | |
| 8 | 2016 | Volumetric water content measurement probes in earth-dam construction | | Proc. 3rd 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. 3rd 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. 6th Int. Conf. on Unsaturated Soils, 2-4 July 2014, Sydney, Australia | 2 | 1659-1665 |

| Research Projects. List the five (5) more recent and other five (5) selected (max total 10) | | | | |
|---|------------|--|-----------------------------|---|
| Ref. Number | Date | Title | Funded by | Project Role* |
| 1 | 2019-Today | 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 | European Commission | Head of External Laboratory where tests were outsourced |

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|--|--|---|--|--|
| | | Materials, In Order To Produce Eco-Efficient Environmental Cement | | |
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| Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees. List the five (5) more recent (Optional Entry) | | | | |
|---|---------------|---------------------|---|---|
| Ref. Number | Period | Organization | Title of Position or Service | Key Activities |
| 1 | 2018-2022 | 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 |
| 2 | 2017-2019 | 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 |
| 3 | 2012-2014 | 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 |

| Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry) | | | |
|---|--------------|---|--|
| Ref. Number | Date | Title | Key Activities: |
| 1 | 2019-to date | President of the Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE) | 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 | Secretary General of the Hellenic Society of Soil Mechanics and Geotechnical Engineering (HSSMGE) | Organising the activities of the Hellenic Society of Soil Mechanics and Geotechnical Engineering |
| 3 | 2009-to date | 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 |