



Academic Personnel Short Profile / Short CV

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| University: | University of Nicosia |
| Surname: | Kyriakides |
| Name: | Marios |
| Rank/Position: | Assistant Professor |
| Faculty: | Sciences and Engineering |
| Department: | Engineering |
| Scientific Domain: * | Seismic Retrofit Techniques for Structural Systems, Reinforced Concrete Structures, Earthquake Engineering, Innovative Materials (HPFRCCs, ECC, FRP), Earth-Based Building Materials, Nonlinear FEA, Experimental Methods in Civil Engineering, Simplified Methods for Assessing Structural Performance, Structural Health Monitoring. |

* *Field of Specialization*

Academic qualifications (list by highest qualification)

| Qualification | Year | Awarding Institution | Department | Thesis title (Optional Entry) |
|-------------------|------|---|-------------------------------------|---|
| PhD | 2011 | Stanford University, California, USA | Civil and Environmental Engineering | Seismic Retrofit of Unreinforced Masonry Infills in Non-Ductile Reinforced Concrete Frames Using Engineered Cementitious Composites |
| MSc | 2006 | Stanford University, California, USA | Civil and Environmental Engineering | - |
| BSc/5-year degree | 2004 | National Technical University of Athens, Greece | Civil and Environmental Engineering | Dynamic response of ground, locally reinforced with gravel piles |



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

| Period of employment | | Employer | Location | Position |
|----------------------|---------|-----------------------|-----------------|---------------------|
| From | To | | | |
| 09/2019 | - | University of Nicosia | Nicosia, Cyprus | Assistant Professor |
| 01/2017 | - | University of Cyprus | Nicosia, Cyprus | Special Scientist |
| 09/2015 | 05/2019 | University of Nicosia | Nicosia, Cyprus | Adjunct Faculty |

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 | Experimental investigation of non-stabilized compressed earth blocks | Panagiotou, R., Illampas, R., Tapakoudis, M., Ioannou, I. | LEHM 2020, International Conference on Building with Earth, Weimar, Germany, 30-31 October 2020 | https://www.dachverband-lehm.de/lehme2020/online | 1-6 |
| 2 | 2018 | Numerical evaluation of multi-metric data fusion based on structural health monitoring of long span bridge structures | Soman R., Onoufriou, T., Ostachowicz, W. | Journal of Structure and Infrastructure Engineering-Taylor & Francis | DOI: 10.1080/15732479.2017.1350984 | 1 – 12 |
| 3 | 2014 | Multi-type, multi-sensor placement optimization for structural health monitoring of long span bridges | Soman R., Onoufriou, T., Votsis, R., Chrysostomou, C. | Journal of Smart Structures and Systems, Techno-Press | 14(1) | 55 – 70 |
| 4 | 2014 | Layout optimization of wireless sensor networks for structural health monitoring | Jalsan, K. E., Soman, R., Flouri, K., Feltrin, G., Onoufriou, T. | Journal of Smart Structures and Systems, Techno-Press | 14(1) | 39 – 54 |
| 5 | 2014 | Harvesting energy from vibrations of the underlying structure | Han B., Vassilaras S., Papadias C.B., Soman R., Onoufriou T., Nielsen R.H., | Journal of Vibration and Control | 19(15) | 2255 – 2269 |

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|----|------|---|--|--|-------------------------------|-------------|
| | | | Prasad R. | | | |
| 6 | 2014 | Behavior of unreinforced masonry prisms and beams retrofitted with Engineered Cementitious Composites | Billington, S.L. | RILEM Materials & Structures, | DOI:10.1617/s11527-013-0138-x | 1573 – 1587 |
| 7 | 2014 | Cyclic response of non-ductile reinforced concrete frames with unreinforced masonry infills retrofitted with sprayable Engineered Cementitious Composites | Billington, S.L. | ASCE, Journal of Structural Engineering | 140(2), 04013046 | 1 – 14 |
| 8 | 2013 | Shake-table tests of a three-storey masonry infilled RC frame retrofitted with composite materials | Koutromanos, I., Stavridis, A., Billington, S.L., Shing, B.P., | ASCE, Journal of Structural Engineering | 139, Special Issue: NEES 2 | 1340 – 1351 |
| 9 | 2012 | Simulation of unreinforced masonry beams retrofitted with Engineered Cementitious Composites in flexure | Hendriks, M.A.N. Billington, S.L. | ASCE, Journal of Materials in Civil Engineering | 24(5) | 506 – 515 |
| 10 | 2009 | Evaluation of a sprayable, ductile cement-based composite for the seismic retrofit of unreinforced masonry infills | Billington, S.L., Blackard, B., Willam, K., Stavridis, A., and Shing, P.B. | ATC & SEI Conference on Improving the Seismic Performance of Existing Buildings and Other Structures | DOI:10.1061/41084(364)75 | 823 – 834 |

| 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-present | EarthMasonry – “Development of an environmentally friendly earth masonry system using locally sourced raw materials” | Research and Innovation Foundation through the European Regional Development Fund | Researcher |
| 2 | 2014-2016 | JIP on Offshore Safety -“Development and Implementation of Safety Regime for Offshore Oil and Gas Operations in Cyprus” | Noble Energy International Ltd, eni Cyprus Ltd, Total E & P Cyprus, Schlumberger (SCYL Ltd) and Halliburton Mediterranean Ltd | Researcher |
| 3 | 2011-2014 | SmartEN Marie Curie ITN -“Smart Management for Sustainable Human Environment Initial Training Network” | European Commission through FP-7 | Technical Manager & Researcher |
| 4 | 2006-2011 | “Seismic Performance Assessment and Retrofit of Non-Ductile RC Frames with Infill Walls” | National Science Foundation - NEESR, USA | Researcher |

*Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other

**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 | 2015 | Cyprus University of Technology | Organizer | Organization of Regional Network Meeting for Collaboration on “Safety and Environmental Protection during Offshore Oil and Gas Operations in Deep Water” – November 6 th , 2015, Nicosia, Cyprus |
| 2 | 2014 | Cyprus University of Technology | Organizer | Organization of Regional Network Meeting for Collaboration on “Safety and Environmental Protection of Offshore Oil and Gas Operations in the Eastern Mediterranean Region”– September 25 th -26 ^h , 2014, Nicosia, Cyprus. |
| 3 | 2013 | Cyprus University of Technology | Organizer | Organization of the SmartEN Marie Curie ITN Final Conference – October 9 th -10 th , 2013, Limassol, Cyprus. http://www.smart-en.itn.eu/conference.html |
| 4 | 2013 | Cyprus University of Technology | Coordinator | Coordination of three (3) Special Issues in International Journals (Journal of Structure and Infrastructure Engineering-Taylor & Francis, Journal of Vibration and Control-Sage, and Journal of Smart Structures and Systems-Technopress) |



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| 5 | 2011 – | University of Nicosia, University of Cyprus, Cyprus University of Technology, Stanford University | Reviewer | Conference and Journal Reviewer (40+) |
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**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)(Optional Entry)**

| Ref. Number | Date | Title | Awarded by: |
|-------------|-------------|--|--|
| 1 | 2009 – 2011 | The John A. Blume Research Fellowship, Stanford University, California, USA | Stanford University, California, USA |
| 2 | 2009 | Visiting Researcher Fellowship, Technical University of Delft, The Netherlands | Technical University of Delft, The Netherlands |
| 3 | 2004 – 2006 | Combined School of Engineering/Department of Civil and Environmental Engineering Fellowship, Stanford University, California, USA | Stanford University, California, USA |
| 4 | 2004 | Silver medal of the Fire-Bearing of Prometheus (emblem of the National Technical University of Athens), (2004), National Technical University of Athens, Greece | National Technical University of Athens, Greece |
| 5 | 2004 | N.T.U.A. Award – Graduating 3 rd among the students of the Faculty of Civil Engineering, (2004), National Technical University of Athens, Greece | National Technical University of Athens, Greece |
| 6 | 2004 | Hellenic Republic, Ministry of Education & Religious Affairs Institute for State Scholarships (I.K.Y.) - “Always Excel”, Greece | Hellenic Republic, Ministry of Education & Religious Affairs Institute for State Scholarships (I.K.Y.) |
| 7 | 1999 – 2004 | Five(5) “Distinguished Performance” Awards from the Technical Chamber of Greece (top 1% out of 300 students in the NTUA School of Civil Engineering for five(5) consecutive years) | Technical Chamber of Greece |



| 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 | 2012 | SmartEN Mini Symposium, 6th International Conference of Association for Bridge Maintenance and Safety (IABMAS 2012), Lake Maggiore, Italy, July 2012. | Chair |
| 2 | 2012 | SmartEN Mini Symposium, 6th International Conference of Association for Bridge Maintenance and Safety (IABMAS 2012), Lake Maggiore, Italy, July 2012. | Referee Work |