



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Sophocleous
Name:	Antonia
Rank:	Assistant Professor
Faculty:	School of Humanities & Social Sciences
Department:	Architecture
Scientific Domain:	Research Methodology, Structural & Earthquake Engineering & Design., Construction Management.

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Architecture	2012	University of Cyprus	Architecture	“Adaptable Dual Control Systems”
Master in Management	2005	Mediterranean Institute of Management	Management	Management Strategies to improve FP Marine practices
Civil Engineering (Structural Engineering concentration) 5-year Diploma	1994	National Technical University of Athens, GR	Civil Engineering	“Investigation of the effectiveness of various schemes for characterizing the Intensity of a ground motion for structures that respond inelastically”.

Employment history

Period of employment		Employer	Location	Position
From	To			
2005	present	University of Nicosia	Nicosia, CY	Assistant Professor
2015	present	Architecture Research Center ARC, University of Nicosia	Nicosia, CY	Researcher, Research Methodology course coordinator and teaching
2008	2015	University of Cyprus	Nicosia, CY	Adjunct Faculty
2000	Ongoing collaboration	Santamas Bros, Architects - Engineers	Nicosia, CY	Structural Engineering Analyst and Designer. Construction Management Supervisor.

Key refereed journal papers, monographs, books, conference publications etc.						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	“Computational Design: Form-finding Method: The case of Sydney Opera House”	P. Fereos, M. Georgiou, A.Balabanides	ICSA2022: 5th International Conference on Structures & Architecture (https://www.icsa2022.create.aau.dk/Call+for+Participation/)	Aalborg University, Aalborg Denmark, 6-8 July 2022.	TBA
2	2021	Adaptable design methodology for quality DL Education focusing on sustainable Architecture & Integrative Technologies	-	"The role of education for Civil Engineers in the implementation of the SDGs" 1 st Joint Conference of EUCEET and AECEF (https://websites.auth.gr/euceetaecef2021/)	Thessaloniki, Greece, Nov 12 th , 2021	TBA
3	2013	Dual system configuration for earthquake safety (LINK)	Phocas, M.C.	Journal of Advances in Structural Engineering	Vol.2, No.1., 1000108, Paper No. 12-1605, ISSN: 2168-9717-2-108	9
4	2012	Adaptable dual control systems: A comparative parametric analysis (LINK)	Phocas, M.C.	International Journal of Safety and Security Engineering , SAFE149, WIT-Press	Vol.2, No.3. /Paper DOI 10.2495/SAFE-V2-N3-	280-296
5	2012	Numerical verification of a dual's system's seismic response (LINK)	Phocas, M.C.	Journal of Earthquakes and Structures , Techno-Press	Vol.3, No.5. / ISSN: 2092-7614. (57)	749-766
6	2013	Hybrid structures: A case of a pedestrian bridge	Phocas, M.C.	2nd International Conference on Structures and Architecture, ICSA2013, Portugal.		
7	2013	Cable Bracing Design in Adaptable Dual Control Systems	Phocas, M.C.	9th International Conference on Earthquake Resistant Engineering Structures VIII, ERES2013, A Coruña, Spain		

8	2012	Bracing Design in Dual Systems for Earthquake Resistance	Phocas, M.C.	15 th World Conference on Earthquake Engineering, 15 th WCEE, Lisbon, Portugal.		
9	2011	Adaptable dual control systems for earthquake resistance	Phocas, M.C.	Earthquake Resistant Engineering Structures VIII, ERES 2011, WIT Press, Southampton		
10	2011	Dual structure configuration for earthquake resistance	Phocas, M.C.	Proceedings of 8th International Conference on Structural Dynamics, EURODDYN 2011, Leuven, Belgium.		

Exhibitions

Ref. Number	Date	Topic	International / Local	Location	Role in Exhibition
1	Yearly since 2012	End of year exhibition of the graduate students in Architecture	Local	Nicosia	Team Member

Research Projects.

Ref. Number	Date	Title	Funded by	Project Role
1	2021	Education of Civil Engineers in the Implementation of Sustainable Development Goals	EUCEET and AECEF	Qualified Member, reviewer, program committee member
2	2012-present	Adaptable Dual Control Systems		Patent Researcher
3	2003-present	Seismic Upgrade of high school, apartment and residences, renovation of shops, additions to buildings	Santamas.org	Research team member
4	2016-present	Sustainable Architecture and Integrative Technologies		Coordinator
5	2007-present	Interdisciplinary work and educating architects and structural engineers		Researcher

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

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	31st Mar 2021-present	World Engineering Education Forum International Federation of Engineering Education Societies The Global Engineering Deans Council	Reviewer and Program Coordinator (https://www.conftool.org/weefgedc2021/index.php?page=showPerson)	Review papers, Coordinate program sessions, Select priority topics, Bid for contributions, Edit and Survey submissions.
2	10/2017 – present	Science Publishing Group (SciencePG), USA.	Reviewer of International Journal of Architecture, Arts and Applications (http://www.sciencepublishinggroup.com/journal/peerreviewers?journalid=383)	Review research paper
3	2014-present	Scientific & Academic Publishing, USA. Editor, David Thomas	Reviewer for the “review.sapub” technical journal, SAP. (http://www.sapub.org/)	Review papers (i.e. id: IJCEM-110500092. Paper Id: IJSEM – 110500092; Paper Title: “Developing Integrated Model of Data Envelopment Analysis (DEA) and Data Mining to Evaluate Performance of Logistics Service Suppliers”. (http://www.sapub.org/))
4	2000--present	Santamas Bros, Architects and Civil Engineers consultancy. (www.santamas.org/)	Structural Engineering Consultant	Structural Analyst, Designer and Construction Management Supervisor
5	10/2007-present	University of Nicosia, Architecture Department	Advisor on Structures and Research Methodology and Programme Coordinator of a Master Program (2017)	Graduate- and 4 th year students’ studio project advising / Coordinating the Master Program in Sustainable Architecture and Integrative Technologies

Awards / International Recognition

Ref. Number	Date	Title	Awarded by:
1	June 2021	Coordinator and Qualified Member of the Research and Innovation Committee of ETEK	Cyprus Scientific and Technical Chamber (E.T.E.K.)
2	July 2019	Expert in building and technological infrastructure for participation in the evaluation process of the Cyprus Agency of Quality	Cyprus Agency of Quality Assurance and Accreditation in Higher Education institution

		Assurance and Accreditation in Higher Education institution	
3	2017-present	Publications read achievements (readers stats: most read in the department)	Research Gate
4	1994-present	Qualified member	Cyprus Scientific and Technical Chamber (E.T.E.K.)
5	2010	Analysis and design of two pedestrian bridges, proposals' no: 286294	European architectural-construction competition of footbridges in the south-eastern city of Pafos, Cyprus

Other Achievements			
Ref. Number	Date	Title	Key Activities:
1	Sep 2021	ΕΔ ΛΑΡ 063/2021 "Tender for the provision of design office services for the preparation of a study and the supervision of a bridge construction in Kalavassos Larnaca, Cy".	Integrated engineering services (Bridge analysis, hydraulic and topographic study, according to Νόμος 73(I)/2016 (2014/24/EU Classic). TBA
2	2019-present	Qualified Member of the Research Programs Committee CyACE	The acquaintance of Civil Engineers with the research and innovation system and with the existing research infrastructure of Cyprus; The recording of the research needs that exist in the field of Civil Engineering; The regular information of the members of CyACE about the opportunities for participation in research programs and for the receipt of sponsorships to support innovative activities.
3	1994-present	Qualified member of professional organizations.	Cyprus Civil Engineer Association (ΣΠΟΛ. ΜΗΧ.). And Cyprus Civil Engineer and Architects Association (Σ.Π.Μ.Α.Κ.)
4	May 2021	Energy Efficiency of Buildings/ the Cyprus Energy Agency	Learner; Skilled Expertise for Energy Efficiency Certification of buildings; new Directive 2002/91 / EC of the European Parliament and of the Council of 16 December 2002 on the energy performance of buildings; e.iSBEMCy software and SEAK
5	June 2019	Participant in the "Utilization of research and technology for optimal and sustainable infrastructure management" seminar	Learner; The Cyprus group of Civil and Mechanical Professional Engineers