

# Andreas Kyriakidis

<b>Personal information</b>	
Date of birth:	11/03/1988
Home address:	15A, Ipostratigou Tassou Marcou Ave, 8560, Peyia, Paphos
Phone numbers:	+357 99923633
E-mail:	kyriakidis.andreas@ucy.ac.cy
<b>Education and Training</b>	
Dates:	2016 - Today
Title of qualification awarded:	Ph.D., Doctor of Philosophy in Architecture, University of Cyprus, Cyprus
Dates:	2014-2016
Title of qualification awarded:	M.Sc., Master of Science in Energy Technologies and Sustainable Design, University of Cyprus, Cyprus
Dates:	2015
Title of qualification awarded:	Qualified Energy Expert for houses, Ministry of Energy, Commerce Industry and Tourism
Dates:	2008-2013
Title of qualification awarded:	Diploma in Civil Engineering, Aristotle University of Thessaloniki, Greece
Dates:	2003-2006
Title of qualification awarded:	Apolitirion, 3 <sup>rd</sup> Secondary School of Limassol (Lykeion), Cyprus
<b>Work experience</b>	
Dates:	2022-2023
Occupation or position held:	External Consultant, Technical Services Department, Ministry of Education, Culture, Sport and Youth
Dates:	2019 - present
Occupation or position held:	Special Scientist Teaching, Department of Architecture, Faculty of Engineering, University of Cyprus
Dates:	2017-2018
Occupation or position held:	Teaching Assistant, Department of Architecture, Faculty of Engineering, University of Cyprus
Dates:	2016-present
Occupation or position held:	Researcher, Special Scientist, Energy and Environmental Design of Buildings Research Lab., Department of Architecture, Faculty of Engineering, University of Cyprus
Dates:	2014-2015
Occupation or position held:	Research Assistant, Department of Environmental Science and Technology, Cyprus University of Technology, Limassol Cyprus
Dates:	2014-2014
Occupation or position held:	Trainee, Town Planning and Housing Department, Ministry of Interior, Limassol, Cyprus, 2014
<b>Awards</b>	
Date:	2018
Award:	Scholarship for Doctoral Students- University of Cyprus
Date:	2016
Award:	Scholarship for Doctoral Students- National Scholarships Foundation of Cyprus
Date:	2008
Award:	Scholarship for Undergraduate Students- National Scholarships Foundation of Cyprus

<b>Personal skills and competences</b>	
Languages	Greek: Excellent written and orally (Native) English: Excellent written and orally (GCE)
Computer skills and competences	MS Office (Word, Excel, PowerPoint), Excellent Energy Plus (Open studio-SketchUp), Excellent SBEM, Excellent AutoCAD, Excellent SAP2000, Very Good Abaqus CAE, Good MATLAB, Good Climate Studio, Excellent COMSOL Multiphysics, Excellent
<b>Research experience</b>	
Dates:	2023 – on going
Project:	GreenBlock - Towards the production of a Green sustainable Block through industrial symbiosis
Dates:	2023 – on going
Project:	EcoSuBrick - Development of a novel eco-friendly and sustainable masonry brick
Dates:	2023 – on going
Project:	Adobe - Investigating the thermal properties of adobe masonry walls of vernacular dwellings
Dates:	2021 – 2023
Project:	C-IZEBs - Cooperative Intelligent education & electromobility Zero Energy Buildings
Dates:	2021 – 2023
Project:	Energy refurbishment of the historic buildings of the Republic of Cyprus Presidential Palace and the Heraklion Loggia-City Hall
Dates:	2019 - 2020
Project:	Cyprus Methodology for Assessing the Energy Performance of Buildings
Dates:	2018 – 2021
Project:	Energy-Autonomous Smart Buildings and Sustainable Mobility Strategies
Dates:	2017 - 2018
Project:	Innovative Modular Brick Unit System for the Environmental Design of Building Envelopes
<b>Participation in COST Actions</b>	
Dates:	2023 – on going
COST Action:	“Cooperation, development and cross-border transfer of Industrial Symbiosis among industry and stakeholders” (LIAISE) CA22110
<b>Publications</b>	
Journals	Heracleous, C., <b>Kyriakidis, A.</b> , Stavrakakis, G.M., Tziritas, D., Bakirtzis, D., Zografakis, N., Pantelakis, G., Drosou, Z., Petrakis, E., Savvaki, P. and Vitorou, Z., (2023), <b>Energy Retrofit of Public Educational Buildings and Sustainable Mobility: Case study in Crete</b> . In IOP Conference Series: Earth and Environmental Science (Vol. 1196, No. 1, p. 012033). IOP Publishing.
	Kyritsi, E., <b>Kyriakidis, A.</b> , Philippou, M., Stephanou, R. and Savva, M., (2023), <b>The energy refurbishment of typical school buildings in Cyprus following an integrated methodology</b> . In IOP Conference Series: Earth and Environmental Science (Vol. 1196, No. 1, p. 012022). IOP Publishing.

	Kyritsi, E., Philokyprou, M., <b>Kyriakidis, A.</b> , Michael, A. and Michopoulos, A., (2023), <b>Energy retrofitting of heritage buildings: an integrated methodology</b> . In IOP Conference Series: Earth and Environmental Science (Vol. 1196, No. 1, p. 012108). IOP Publishing.
	Kyritsi, E., <b>Kyriakidis, A.</b> , Michael, A., Philokyprou, M., Savvides A., Michopoulos, A., (2022) <b>Environmentally Responsive Design in British Colonial Architecture Within the Mediterranean Basin: The Case of the Presidential Palace of Cyprus</b> . Ecology and the Environment, vol. 260, (2022), 451-464, ISSN 1743-3541, WIT Press, DOI: <a href="https://doi.org/10.2495/SC220371">https://doi.org/10.2495/SC220371</a>
	<b>Kyriakidis A.</b> , Illampas R., Michael A., (2020) <b>Parametric investigation for the improvement of the overall sustainable performance of an innovative masonry wall system</b> . Procedia Manufacturing 44 (2020) 286–293, Elsevier, DOI: <a href="https://doi.org/10.1016/j.promfg.2020.02.233">https://doi.org/10.1016/j.promfg.2020.02.233</a>
	<b>Kyriakidis A.</b> , Michael, A., Illampas, R., Charmpis, D.C., Ioannou, I., (2019) <b>Comparative Evaluation of a Novel Environmentally Responsive Modular Wall System Based on Integrated Quantitative and Qualitative Criteria</b> . Energy 188 (2019) 11596, Elsevier, DOI: <a href="https://doi.org/10.1016/j.energy.2019.115966">https://doi.org/10.1016/j.energy.2019.115966</a>
	<b>Kyriakidis A.</b> , Michael, A., Illampas, R., Charmpis, D. C., & Ioannou, I. (2018). <b>Thermal performance and embodied energy of standard and retrofitted wall systems encountered in Southern Europe</b> . Energy, 161, 1016-1027, Elsevier, DOI: 10.1016/j.energy.2018.07.124
	Illampas R., <b>Kyriakidis A.</b> , Michael A., (2017) <b>Computational Evaluation of the Thermal, Environmental and Structural Performance of an Innovative Masonry System</b> . Procedia Environmental Sciences 38 (2017) 812-820, Elsevier, DOI: 10.1016/j.proenv.2017.03.166
	<b>Kyriakidis A.</b> , Michael A., Illampas R., (2016) <b>Parametric Numerical Assessment of the Thermal Performance and Environmental Impact of an Innovative Masonry Construction Component</b> . Journal of Sustainable Architecture and Civil Engineering, 3/16 (2016), 6-19, SACE, ISSN: 2029–9990, DOI: 10.5755/j01.sace.16.3.16174
Conference proceedings / Presentations	<b>Kyriakidis A.</b> , Kyriakides M., Panagiotou R., Castrillo D., Castrillo M.C, Illampas R., Michael A., Ioannou I., <b>Numerical Analysis of the Thermal Performance of a Contemporary CEB Tiny House</b> . International Conference on Earthen Construction, Paris, 18-19 March 2022
	<b>Kyriakidis A.</b> , Illampas R., Michael A., (2019) <b>Parametric investigation for the improvement of the overall sustainable performance of an innovative masonry wall system</b> . 1st International Conference on Optimization-Driven Architectural Design, Amman, Jordan, 05-07 November 2019
	Michael A., <b>Kyriakidis A.</b> , Michopoulos A., Kyritsi E., Stimoniaris D., Tsiamitros D., Kottas T. (2019) <b>A case study of the energy refurbishment of a public building: Assessment of the current situation and evaluation of retrofit solutions</b> . Proceedings of the 12th International Conference on Energy and Climate Change, Athens, Greece, 09-11 October 2019
	<b>A. Kyriakidis</b> , A. Michael, R. Illampas, D.C. Charmpis, I. Ioannou. (2018) <b>‘Qualitative and Quantitative Assessment of an Innovative Exterior Masonry Wall System.’</b> 6th International Conference on Renewable Energy Sources and Energy Efficiency (RESEE2018), Nicosia, Cyprus, 01-02 November 2018
	<b>A. Kyriakidis</b> , A. Michael, R. Illampas, D.C. Charmpis, I. Ioannou. (2018) <b>‘Thermal Performance and Environmental Impact of an Innovative Exterior Masonry Wall System.’</b> Proceedings of the SEEP2018, 2018, UWS, Paisley, UK, 08-11May 2018

	<b>A. Kyriakidis, A. Michael, R. Illampas, D.C. Charmpis, I. Ioannou. (2017) 'Comparative Study on the Thermal Performance and Environmental Footprint of Traditional and Contemporary Masonry Systems used in Southern Europe.'</b> Proceedings of SEEP2017, Bled, Slovenia, 27-30 June 2017
	Illampas R., <b>Kyriakidis, A., Michael, A., (2016) 'Computational Evaluation of the Thermal, Environmental and Structural Performance of an Innovative Masonry System'</b> , Proceedings of the International Conference on Sustainable Synergies from Buildings to the Urban Scale, SBE16, Thessaloniki, Greece, 17-19 October.
	<b>Kyriakidis, A., Michael, A., Illampas R. (2016) 'Parametric Numerical Assessment of the Energy Efficiency and the Environmental Impact of an Innovative Masonry Construction Component'</b> , Proceedings of the 5th International Conference on Renewable Energy Sources & Energy Efficiency – New Challenges, Nicosia, Cyprus, 05-06 May
<b>Interests</b>	
	Traveling, cinema, working out