



Academic Personnel Short Profile / Short CV

University:	American University of Cyprus (AUCY)
Surname:	Dimoudi
Name:	Argiro
Rank/Position:	Professor
Faculty:	Arts and Humanities
Department:	Department of Design
Scientific Domain: *	Bioclimatic Design Environmental Engineering

** Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	1997	University of Bath (UK)	School of Architecture and Building Engineering	Investigation of the Flow and Heat Transfer in a Solar Chimney'
MSc on 'Energy and Buildings'	1989	Cranfield Institute of Technology (UK).	School of Mechanical Engineering	Assessment of the Performance of a Solar Chimney for Buildings' Ventilation
Diploma of Civil – Structural Engineer	1986	Aristotle University of Thessaloniki (GR)	School of Engineering, Department of Civil Engineering	'Study and Application of the 'SLR' and '5000' Methods on Buildings with Attached Sunspace



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

Period of employment		Employer	Location	Position
From	To			
2005	today	Democritus University of Thrace (GR)	Xanthi, Greece	Professor/ Assoc. Prof. /Assist. Prof. /Lecturer on ' <i>Science and Technology of Constructions with emphasis on Energy and Environmental Design</i> '
2001 – 2009 (PSP51) 2017-18 (PSP61) 2010 – 2011, 2016-2017 & 2019-2020 (PSPDE)		Greek Open University	Patra (GR)	Teaching Staff at MSc Course ' <i>Environmental Design of Cities and Buildings</i> '
1998	2001	Centre for Renewable Energy Sources (CRES) (GR)	Athens (GR)	Head of the Department of Passive Solar and Hybrid Solar Systems and of the Department of Active Solar Systems, Division of Applied Research and Technology Developm

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	2022	The Energy Performance of Hospital Buildings in the South Balkan Region: The Prospects for Zero-Energy Hospitals.	A. Dimoudi, A. Kantzioura, P. Toumpoulides, St Zoras, D. Serghides, St Dimitriou, St Thravalou, M. Metaj, E. Mara, and A. Dorri	In: Sayigh A. (eds) Sustainable Energy Devel and Innovation Innovative Renewable Energy. Springer, Cham. https://doi.org/10.1007/978-3-030-76221-6	83	757-763
2	2020	The contribution of a solar air heater collector to the cooling load in a building (I.S. 1.595) (Citations 1)	Toumpoulidis P., Dimoudi A. , Kosmopoulos P. and Zoras S.	Intern J. of Ventilation		1-11
3	2020	Compost of Biodegradable Municipal Solid Waste as a Fuel in Lignite Co-combustion	Vasileiadou A., Zoras S., Dimoudi A. , Iordanidis A., Evagelopoulos V.	Environmental Research, Engineering and Management	76 (4)	60 -67
4	2019	Research of energy behaviour and energy poverty of households in Northern Greece' (Citations 2)	Boemi S.N., Samarentzi M., Dimoudi A.,	IOP Conference Series: Earth and Environmental Science (EES)	Vol. 410 (1)	1 -8
5	2018	The influence of bioclimatic urban redevelopment on outdoor thermal comfort (Citations 52)	Karakounos I., Dimoudi A. , Zoras	Energy and Buildings (I.F. 6.33)	158	1266-1274

6	2017	Micro-climate adaptation of whole building energy simulation in large complexes (Citations 8)	Zoras S., Veranoudis S. Dimoudi A.	Energy and Buildings (I.F. 6.33)	150 (1)	81 -89
7	2014	Use of cool materials in outdoor places in order to mitigate the urban heat island in a medium size city in Greece (Citations 55)	Dimoudi A. , Zoras S., Kantzioura A., Stogiannou X., Kosmopoulos P., Pallas C	Sustainable Cities and Society (I.F. 5.268)	13	89 -96
8	2013	Investigation of urban microclimate parameters in an urban center (Citations 47)	Dimoudi A. , Kantzioura A., Zoras S., Pallas C., Kosmopoulos P	Energy and Buildings (I.F. 6.33)	64	1-9
9	2008	On the impact of urban green spaces to moderate the heat island phenomenon: Results from an experimental study in Athens. (Citations 101)	Zoulia E, Santamouris M and Dimoudi A.	Environmental Monitoring and Assessment (I.F. 2.513)	156 (1-4)	275-292
10	2003	Vegetation in the Urban Environment: Microclimatic Analysis and Benefits (Citations 413)	Dimoudi A. , Nikolopoulou M-E	Energy and Buildings (I.F. 6.33)	35 (1)	69 -76



Exhibitions (where applicable). List the five (5) more recent and other five (5) selected. (max total 10)					
Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
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**Specify venue, geographic location etc*



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	Sept 2017 – May 2022	1. CULTURAL DIPOLE – Creation of a Cultural Dipole in the ross border area	EC– ERDF, Interreg Greece - Bulgaria Program	DUTH Project Manager
2	Dec 207 – May 2021	ZenH Balkan - Towards Zero energy Hospitals in the Balkan Region	EC – ERDF, Interreg Balkan Med Progra	Project Coordinator
3	Sept 2014 – June 2015	Development & pilot application of innovative methodologies for performing techno - economical studies on the energy upgrade of public buildings and smoothing the heat island effect in the frame of the REPUBLIC – MED Project.	CRES – EXERGIA (Med Project)	DUTH Project Manager
4	June 2011 – Febr 2012	2. Provision of consulting services for the definition of the Nearly Zero Energy Residential Buildings in Cyprus	Ministry of Comm, Industry & Tourism (CY) - EXERGIA	DUTH Project Manager
5	Oct-Dec 2011 / Jan 2016 – Dec 2016	Investigation of bioclimatic upgrade of open spaces in the urban area of Serres Design: Oct – Dec 2011, Implementation: Jan 2015 – Dec 2016	Serres Municipality - BEEB, Period	DUTH Project Manager
6	1998 -2000	AIRinSTRUCT - Integration of Advanced Ventilated Building Components and Structures for Reduction of Energy Consumption in Buildings.	EC DGXII, CRAFT-JOULE Programme	Project Coordinator



7	1998 – 2000	PRECis - Assessing the Potential of Renewable Energy in Cities.	EC DGXII, JOULE Programm	DUTH Project Manager
8	April - Dec 2012	Pilot Zero CO2 emissions agro-livestock settlement of Elaionas, Serres Municipality	Serres Municipality	DUTH Project Manager
9	Oct-Dec 2011	Research study of the microclimate and bioclimatic redevelopment of the open space of Polykentro, Ptolemaida	Eordaias Municipality	<i>Research Team Member</i>
10	2001-2003 (for period 2001)	RUROS – Rediscovering the Realm of the Open Spaces	EC-DG Research, City of the Future Progr, 5 th FP	<i>Research Team Member</i>

**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	Oct – Nov. 2019	EC - Horizon 2020	Evaluator, EC Programme 'Bioclimatic approaches for improving energy performance in buildings in Africa & Europe, (Contract CT-EX2002B037878-102)	Project proposal evaluation
2	2018-19	Greek Foundation for Research & Innovation (ELIDEK)	Vice President, Thematic Committee on the Scientific area 'Environment & Energy'	Evaluation of proposals of the '1st Call for Research Projects for support of Academic Staff & High budget scientific equipment – Phase A"
3	2010 and 2017	Technical Chamber of Greece (TCG)	Member of the working group of the Technical Chamber of Greece (TCG) for the development of Technical Guides (TG.TCG) in <ul style="list-style-type: none"> •support of the 'Regulation for Energy Efficiency of Buildings' (2014) and •Recast of EPBD (2017) 	<ul style="list-style-type: none"> - TG.TCG 20701-1 'Analytical national parameters specifications for calculation of buildings' energy performance and for the issue of the energy certificate' - T.G.TCS 20701-2 'Thermophysical properties of structural materials and assessment of the thermal insulation requirements of buildings'
4	19 March 2021	DUTH ,INTERREG - Balkan Med Programme	Organizer of the Intern Conference "Towards nearly Zero Energy Hospitals' (online)	Organization, Scientific Responsible



5	2017-2018	Energy and Buildings (Internat Journal, Elsevier Publ)	Guest Editor	Guest Editor, "Low Energy Social Housing", Special Issue, Energy and Buildings
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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	2017	<ul style="list-style-type: none"> • OIKOPOLIS Award 2018 on <i>'Environmental Awareness, Section Master's Theses in the subject "Energy"</i>: • Toumpoulides P., (2017) "Investigation of the efficiency and applications of solar air collectors in structures" 'MSc on 'Environmental Engineering and Science', Departm of Environm Engineering, DUTH. (Supervision Dimoudi A) 	EcoCity - OIKOPOLIS (Non- Governmental Organization)
2	2016	<p>OIKOPOLIS Award 2016 on <i>'Environmental Awareness, Section Master's Theses in the subject "Settlements"</i>:</p> <p>Karakounos I., (2015) "The influence of bioclimatic redevelopment outdoor space in the outdoor thermal comfort and energy efficiency of buildings 'MSc on 'Environmental Engineering and Science', Departm of Environm Engineering, DUTH (Supervision Dimoudi A)</p>	EcoCity - OIKOPOLIS (Non- Governmental Organization)
3	2- 5 July 2000-	Best Publication Award: Dimoudi A., Nikolopoulou M-E. 'Vegetation in the Urban Environment: Microclimatic Analysis & Benefits.	PLEA 2000 Intern. Conferen: Architecture City Environment, Cambridge (UK)
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CYPRUS AGENCY OF QUALITY ASSURANCE AND ACCREDITATION IN HIGHER EDUCATION



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Other Achievements. List the five (5) more recent and other five (5) selected. (max total 10) (Optional Entry)			
Ref. Number	Date	Title	Key Activities:
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2	-	• The Open Construction and Building Technology Journal (Bentham Open)	Editorial Board
3	7 -9 Oct 2020	Scientific Committee, 13 th International Conference on “Energy and Climate Change”	Member of the Scientific Committee, 13 th Internat Confer on “Energy & Climate Change”, Athens (GR)
4	24-29 June 2019	Scientific Committee of the 4 th International Conference on “Changing Cities: Spatial, Design, Landscape & Socio-economic Dimensions”	Member of Scientific Committee, 4 th Internat Confer on “Changing Cities: Spatial, Design, Landscape & Socio-economic Dimensions” Chania (GR)
5	26-30 June 2017	Scientific Committee of the 3 rd Intern Conference on “Changing Cities: Spatial, Design, Landscape & Socio-economic Dimensions”	Member of Scientific Committee, 3 rd Intern Confer on “Changing Cities: Spatial, Design, Landscape & Socio-economic Dimensions” Syros (GR)
6	2003 –2005	‘Energy Demand Management Committee’ of the European Commission for the E.C. Directive 2002/91/EC ‘Energy Performance of Buildings’	National Representative (2 National Representatives) in the ‘Energy Demand Management Committee’ of the European Commission for the E.C. Directive 2002/91/EC ‘Energy Performance of Buildings’
7	5-9 May 2003	Governing Council of the United Nations Programme for ‘Human Settlements – UN HABITAT’, Nairobi (Kenya)	Member of the National Board in the 19th Session of the Governing Council of the United Nations Programme for ‘Human Settlements – UN HABITAT’. Period of Greek EC Presidency – coordination of all European countries (1st Semester 2003).



8	2003	Ministry of the Environment (GR)	Member of the trans-ministerial Committee for the 'Monitoring and coordination of actions for the air pollution reduction in the Attica basin'
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