



## Academic Personnel Short Profile / Short CV

<b>University:</b>	Frederick University
<b>Surname:</b>	Christoforou
<b>Name:</b>	Elias
<b>Rank/Position:</b>	Visiting Lecturer
<b>School:</b>	Engineering
<b>Department:</b>	Mechanical engineering
<b>Scientific Domain:</b>	Sustainable Energy Technologies / Biomass/ Solid Biofuels

### Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2019	Frederick University	Department of Mechanical engineering	
M.Eng	2013	University of Cyprus	Department of Mechanical engineering	
BSc	2011	University of Cyprus	Department of Mechanical engineering	

### Employment history in Academic Institutions/Research Centers

Period of employment		Employer	Location	Position
From	To			
FS2020		Frederick University	Nicosia	Visiting Lecturer, Dep. Mech. Eng.
FS2019		Frederick University	Nicosia	Visiting Lecturer, Dep. Mech. Eng.
FS2015		Frederick Institute of Technology	Nicosia	Visiting Lecturer, Program of Study: Mechanical Infrastructure and Oil & Natural Gas Technician
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2012	2016	Sustainable Energy Research Group (SERG)	Nicosia	Lab Services and consulting division manager
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<b>Key refereed journal papers, monographs, books, conference publications etc.</b>						
<b>Ref. Number</b>	<b>Year</b>	<b>Title</b>	<b>Other authors</b>	<b>Journal and Publisher / Conference</b>	<b>Vol.</b>	<b>Pages</b>
1	2019	Advances in Solid Biofuels	P. Fokaides	Springer, Cham		
2	2016	Life cycle sustainability assessment of biofuels. Handbook of Biofuels Production (Second Edition),	P. Fokaides	Processes and Technologies, Woodhead Publishing		41-60
3	2018	Recent Advancements in Torrefaction of Solid Biomass.	P. Fokaides	Current Sustainable/Renewable Energy Reports		1-9
4	2017	Comparative Study on Catalytic and Non-Catalytic Pyrolysis of Olive Mill Solid Wastes.	Fokaides, P. A., Banks, S. W., Nowakowski, D., Bridgwater, A. V., Stefanidis, S., ... & Lappas, A. A.	Waste and Biomass Valorization		1-13
5	2016	Thermochemical Properties of Pellets Derived from Agro-residues and the Wood Industry	Fokaides PA	Waste and Biomass Valorization		doi:10.1007/s12649-016-9677-z.
6	2016	Technical and economical evaluation of olive mills solid waste pellets	Kylili A, Fokaides PA	Renewable Energy	96	33-41
7	2016	A review of olive mill solid wastes to energy utilization techniques	Fokaides PA	Waste Management	49	346-63

8	2016	Life Cycle Assessment of first generation energy crops in arid isolated island states: the case of Cyprus	Fokaides PA, Koroneos CJ, Recchia L	Sustainable Energy Technology and Assessment	14	1-8
9	2016	Life cycle assessment (LCA) of olive husk torrefaction	Fokaides PA	Renewable Energy	90	257-66
10	2016	Environmental evaluation of biomass pelleting using life cycle assessment.	Kyllili A, Fokaides PA,	Biomass and Bioenergy	84	107-17
11	2016	Multicriteria analysis for the selection of the most appropriate energy crops: the case of Cyprus	Kyllili A, Fokaides PA, Polycarpou P.	International Journal of Sustainable Energy	35	1-47
12	2015	A review of quantification practices for plant derived biomass potential. International	Fokaides PA	Journal of Green Energy	12	368-75
13	2014	Exergy analysis of a 300 MW lignite thermoelectric power plant	Koroneos CJ, Fokaides PA	Energy	66	588-97
14	2014	Monte Carlo parametric modeling for predicting biomass calorific value	Fokaides PA, Kyriakides I	Journal of Thermal Analysis and Calorimetry		doi 10.1007/s10973-014-4027-5

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	03/2014 - 09/2014	Design, development and application of a technologically advanced system of natural daylight and artificial PV lighting - Hybrid Light Tube	KOINA/SOLAR-ERA.NET/0313	Researcher
2	08/2014	Researcher - Phase Change Material (PCM) enhanced plaster for upgrading the energy efficiency of contemporary and historic buildings	M-ERA.NET Transnational Call 2012	Researcher
3	02/2013 – 06/2014	Design and development of collection, management and distribution centers for the exploitation of olive solid waste energy purpose,”	Cross-border Cooperation Program “Greece-Cyprus 2007-2013	Researcher
4	07/2013 – 06/2014	Innovative methods for protection and conservation of sustainable design elements of vernacular architecture in the historic center of Nicosia,–	ΑΝΘΡΩΠΙΣΤΙΚΕΣ/ΑΝΘΡΩ/0609(BIE)/07	Researcher