

FILIPPOS LYGERAKIS

Environmental Engineer

Birth Date: 10/8/1997

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EDUCATION

2021-Present	<p>PhD Student in School of Chemical and Environmental Engineering, Technical University of Crete</p> <p>Thesis: Integration of Innovative Energy Efficient Buildings with Sustainable Green Neighbourhoods</p>
2020-2021	<p>M.Sc. in Environmental Management, Sustainable Energy and Climate Change in School of Chemical and Environmental Engineering, Technical University of Crete</p> <p>Thesis: «Assessment of near Zero Energy Building (nZeb) using Knowledge Graphs» https://doi.org/10.26233/heallink.tuc.90841</p>
2015-2020	<p>Environmental Engineering Academic Degree in School of Chemical and Environmental Engineering, Technical University of Crete</p> <p>Thesis: «Energy Storage Systems in Autonomous Zero Energy Buildings» https://doi.org/10.26233/heallink.tuc.86407</p>

WORK EXPERIENCE

2022-Present

PROBONO- European Horizon 2020 Project, TUC, Chania, Greece

“The Integrator-centric approach for realising innovative energy efficient buildings in connected sustainable green neighbourhoods”

03/2022-06/2022

Lab assistant for the course “Optimisation of Environmental and Energy Systems (8th semester)” School of Chemical and Environmental Engineering of Technical University of Crete, Chania, Greece

FOREIGN LANGUAGES

English C2

Michigan Certificate of Proficiency in English

German B2

Goethe Institute

PERSONAL SKILLS-DIGITAL SKILLS

Microsoft Office

Python

SPSS

MATLAB

OpenStudio

SketchUp

RETScreen

AutoCAD

DIALux

HOLIGILM

MINITAB

Knowledge Graphs

Ontologies

PUBLICATIONS

Journal Publication

Lygerakis, F.; Kampelis, N.; Kolokotsa, D. Knowledge Graphs' Ontologies and Applications for Energy Efficiency in Buildings: A Review. *Energies* 2022, 15, 7520.

<https://doi.org/10.3390/en15207520>
