

# ENGLEZOU MARIA

A highly motivated architect - researcher specialized in environmental design for buildings. Ambitious and passionately curious about research and design in daylight and sunlight performance, passive house, buildings with low environmental impact and social fairness.

 Greek Cypriot

 Paralimni, Ammochostos, Cyprus

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 <https://www.linkedin.com/in/maria-englezou-3a374612b>

## WORK EXPERIENCE

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- April 2020 - June 2020** **Special Scientist - Research - "Prefab Eco-Smart House"**  
Department of Architecture, University of Cyprus  
Researcher at the research program "Prefab Eco-Smart House". Responsible for energy efficiency analysis and propose strategies for better energy performance.
- February 2020 - May 2020** **Special Scientist - Instructor (with colleagues Antreas Kyriakidis and Eirini Kyritsi) for course APH 431 - Bioclimatic Architecture and course APH 538 - Environmental Design of Buildings.**  
Department of Architecture, University of Cyprus
- September 2019 - January 2020** **Teaching Assistant for Associate Professor Sokratis Stratis**  
Department of Architecture, University of Cyprus
- September 2019 - January 2020** **Teaching Assistant for Assistant Professor Aimilios Michael**  
Department of Architecture, University of Cyprus
- February 2019 - June 2019** **Teaching Assistant for Assistant Professor Aimilios Michael**  
Department of Architecture, University of Cyprus
- February 2018 - June 2018** **Graduate Student Position** (Duties: Helped with external facing events)  
Department of Architecture, University of Cyprus
- 2016 - 2017** **Architecture Internship**  
G. Karas and Associates - Architecture, Civil and Structural Engineers, Cyprus  
**Duties:** 2D drawings, 3D modelling, visualization of projects, site meetings

## EDUCATION

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- September 2017 - Present** **Ph.D. in Architecture**  
Department of Architecture | Faculty of Engineering | University of Cyprus, Cyprus  
**Research Topic:** Daylight and Sunlight Access in Healthcare facilities and how this could affect the Health and Wellbeing of patients.
- September 2015 - September 2016** **Master of Science Sustainable Architecture Studies**  
School of Architecture | University of Sheffield, United Kingdom  
**Thesis:** Daylight Analysis for Moorfoot Office Building in Sheffield.
- September 2009 - July 2015** **Architectural Engineering**  
School of Engineering | University of Thessaly, Greece  
**Diploma project:** Near zero energy mobile medical unit for Ebola virus in West Africa.  
**Research thesis:** Biomimicry in Architecture: A new approach for Sustainable Architecture.
- March 2013 - July 2013** **Architectural Engineering (Erasmus)**  
Politecnico di Milano, Italy  
Architecture, School of Architecture and Society
- September 2006 - June 2009** **Apolytirion**  
Lyceum of Paralimni, Ammochostos, Cyprus  
Graduation Grade: 19, 8/12

## PUBLICATIONS & CONFERENCES

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Englezou M., Michael A., **Assessment of daylight performance and the impact of shading devices for typical in-patient rooms in healthcare facilities in Cyprus**, Procedia Manufacturing, Volume 44, 2020, Pages 277-285, ISSN 2351-9789, <https://doi.org/10.1016/j.promfg.2020.02.232>.

Englezou M., Michael A., **Assessment of daylight performance and the impact of shading devices for typical in-patient rooms in healthcare facilities in Cyprus**, 1st International Conference on Optimization-Driven Architectural Design, November 2019.

Englezou M., Michael A., **Assessment of natural lighting performance of typical in-patient rooms of healthcare facilities in Cyprus**, 6th International Conference on Renewable Energy Sources and Energy Efficiency (RESEE2018), November 2018.

Englezou M., **Daylight Analysis for Moorfoot office building in Sheffield, United Kingdom**, Save Energy Conference 2017, Poster Presentation, March 2017.

## ACADEMIC SCHOLARSHIPS

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**Travel Scholarship G.Paraskevaidi**, for a Ph.D student at the Department of Architecture, University of Cyprus | 2019 - 2020

**Graduate School Scholarship**, Ph.D Studies, Department of Architecture, University of Cyprus | 2018 - 2019

**Cyprus State Scholarship Foundation**, for excellent academic achievement during undergraduate studies | 2009 - 2014

## MEMBERSHIPS

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**Member of the Cyprus Scientific and Technical Chamber (ETEK) - Architect Engineer**

**Member of Illuminating Engineering Society - Student Member**

## CERTIFICATES & WORKSHOPS

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**Data Science - Certificate** (online course - edX) HarvardX | 2018 - 2019

**Autodesk Building Performance - Certificate** (e-learning) | July 2016

**Designing Cradle to Cradle Certified Products for the Circular Economy - Certificate** (e-learning) | June 2016

**Photography- Certificate** (e-learning course) - I.I.E.K ESP+ (Greece) | 2015

**Metropolitan cuts and urban weaves - Workshop** | University of Thessaly | 2014 | Supervisor: Trova Vasso

**Reciprocal Frames - Workshop** | University of Thessaly | 2014 | Supervisors: Udo Thoenissen, Maria Vrontisi

Publication: [https://issuu.com/eliki/docs/frame\\_the\\_sky.book](https://issuu.com/eliki/docs/frame_the_sky.book)

## DIGITAL SKILLS

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**2D:** Sketching | Technical drawing | AutoCAD 2D | Laser cutting

**3D:** Model making | Sketch up | Rhino

**Rendering:** Vray | Lumion

**Sustainable Design Simulation and Analysis:** Climate Consultant | Ecotect | Design PH and PHPP | Velux Daylight Visualizer | Revit | Autodesk Flow Design | IES-VE | Manual Calculations for energy production with renewables, carbon footprint, embodied carbon and energy, water consumption reductions | Use of Equipment such as thermal cameras, light meters, sound meters, heliodon, artificial sky etc.

**Presentation:** Adobe Photoshop | Adobe In design

**Video editing:** Adobe Premiere | Vegas pro

**Statistical Analysis:** Microsoft Office Excel, Tableau, R Programming (beginner)

**Other:** Microsoft Office: Excel, Word, Power point

## LANGUAGES

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**Greek:** Native Language

**English:** Full Professional Proficiency (IELTS Overall band: 7)

**Italian:** Limited Working Proficiency

**French:** Elementary Proficiency (Diplome d'etudes en langue francaise, DELF, B1)

## OTHER INTERESTS

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**Music | Photography | Design and Sketching | Dance | Travel**