

ELISAVET TSEKERI

ENVIRONMENTAL ENGINEER

Address: Chania (Greece)

Mobile: +30 6979059814

Mail: etsekeri@isc.tuc.gr

Skype: elisavet.tsekeri



EDUCATION

PhD student in “Environmental Engineering”

Technical University of Crete

2018-Present

Thesis: Human health and wellbeing in the urban built environment

M.Sc. in Environmental Management, Sustainable Energy and Climate change

Technical University of Crete

2016-2018

Thesis: “Development of DR energy management optimization at building and district level using GA and NN modeling power predictions”

Environmental Engineering

Technical University of Crete

2011 - 2016

Thesis: “Statistical behavioral analysis of users and correlation with energy saving”

WORK EXPERIENCE

VARCITIES

European Horizon 2020 Project, Chania, Greece

1/1/2021-Present

Visionary Nature-Based Actions for Health, Well-being and Resilience in Cities

ReCO2ST

European Horizon 2020 Project, Chania, Greece

1/3/2019–31/12/2020

Research Associate in Modelling and Data Analysis for Energy and Environmental Applications in the Build Environment

Marie Curie SMART GEMS Project

European Horizon 2020 Project, Chania, Greece

1/4/2019–01/03/2020

1 secondment in Loccioni, Jesi, Italy (1/4/19-1/5/19)

1 secondment in Consorzio Arca, Palermo, Italy (9/11/10-9/12/19)

1 secondment in Murcia, Spain (31/1/2020-1/3/2020)

**SAVES 2 (Students Achieving Valuable Energy Saving
European Horizon 2020 Project
Technical University of Crete, Chania, Greece
1/12/2017–31/3/2020
Saving Energy in University halls of Residence**

**SAVES (Students Achieving Valuable Energy Saving
European Horizon 2020 Project
Technical University of Crete, Chania, Greece
1/11/2016–31/3/2017
Saving Energy in University halls of Residence**

**Lab assistant for the course "Buildings' Energy Efficiency (8th semester)
Technical University of Crete, Chania, Greece
01/03/2019-31/05/2019**

**Lab assistant for the course "Design of Energy Systems"(9th semester)
Technical University of Crete, Chania, Greece
1/10/2018-1/12/2018**

**Lab assistant for the course "Design of Energy Systems"(9th semester)
Technical University of Crete, Chania, Greece
1/03/2021-31/06/2021**

**Lab assistant for the course "Meteorology"(5th semester)
Technical University of Crete, Chania, Greece
1/10/2021-Present**

Scholarships for Beneficiaries of Support in the framework of the program "Support to the educational activities of the Technical University of Crete, during the academic year 2020-2021 with the integration of remedial teaching in addition to the main lectures"

Groundwater flow and Contaminant Transport & Optimization of Energy Systems,
Technical University of Crete
1/4/2021-31/7/2021

**Internship student in Municipal Water and Sewerage Company of Kalamata
Municipality of Kalamata, Chania (Greece)
1/7/2015-31/12/2015**

PERSONAL SKILLS-FOREIGN LANGUAGE

English C2 (Michigan certificate of proficiency in English)
French B2 (Diplôme d'études en langue Française)

PERSONAL SKILLS-DIGITAL SKILLS

-Microsoft Office
-C, MySQL
-statistical program SPSS
-Artificial Neural Network
-multi-criteria analysis (Promethee)
-MATLAB,
-OpenStudio
-EnergyPlus
-SketchUp
-RETScreen

PUBLICATIONS

Tsekeri E, Kolokotsa D, Santamouris M. On the association of ambient temperature and elderly mortality in a Mediterranean island - Crete. *Sci Total Environ.* 2020 Oct 10; 738:139843. doi: 10.1016/j.scitotenv.2020.139843. Epub 2020 Jun 1. PMID: 32531601.

N. Kampelis, E.Tsekeri, D. Kolokotsa, K. Kalaitzakis, D. Isidori, C. Cristalli, Development of Demand Response energy management optimisation at building and district level using Genetic Algorithm and Artificial Neural Network modelling power predictions, *Energies*, 2018

N. Καμπέλης, E. Τσέκερη, Δ. Κολοκοτσά, K. Καλαϊτζάκης, D. Isidori, C. Cristalli, Βελτιστοποίηση κόστους ενέργειας για τη λειτουργία μικροδικτύων με αξιοποίηση τεχνικών απόκρισης ζήτησης, Σύγχρονη Τεχνική Επιθεώρηση, Τεύχος 288, Μάιος - Ιούνιος 2019

CONFERENCE PAPER

- Tsekeri, Elisavet; Mavrigiannaki, Angeliki; Gobakis, Konstantinos; Xilas, Dimitrios; Kolokotsa, Dionysia; Kolokotroni, Maria; Sánchez de la Flor, Francisco Jose, On the Impact of Highly Reflective Materials in Thermal Comfort and Energy Efficiency, IAQ 2020 Conference Indoor Environmental Quality Performance Approaches
- Tsekeri, E.; Kolokotsa, D.; Lilli, A.; Calleja, K.; Quacinella, D.; Micallef, D.; Duca, E.; Bisello, A.; ISOCARP 2021 Congress, The International Congress of City and Regional Planners in Doha, 8-11/11/2021, The “human community in the eye of the future cities’ vision, The VARCITIES Project approach”
- Dionysia Kolokotsa, Elisavet Tsekeri, Katerina Lilli, Konstantinos Gobakis, Abdul Rahim, Andreea Petrea, Raffaele Cavalli, Stefan Haenen, Michiel Dewagtere, TechConnect Europe Innovation Conference & Expo, 15-17/11 Malmo, Sweden, The VARCITIES Project approach in Poster

SEMINARS

-ASTARTE, PEARL & TANDEM Summer school (2016)

-Independent Assessment of Energy Efficiency Building Renovations – GREPCon service (2018)

-Energy upgrading of buildings with natural materials, collaboration of Technical University of Crete, School Architectural engineers and the Noria Ecological Building Training Center in France & Compagnie (2017)

-Laboratory of Natural Plasters, collaboration of the Technical University of Crete, School of Architecture and the Noria & Compagnie Ecolabel Training Center in France (2017)