



Konstantinos Gompakis

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● WORK EXPERIENCE

01/09/2020 – CURRENT – Kounoupidiana, Greece

PROJECT MANAGER – TELECOMMUNICATION SYSTEMS RESEARCH INSTITUTE

Project manager for the H2020 VARCITIES project (<https://cordis.europa.eu/project/id/869505>).

01/01/2019 – 31/12/2020

RESEARCHER – EUROPEAN COOL ROOFS COUNCIL

Research Associate for the RECO2ST project in Software Tools for Energy Retrofit (<https://cordis.europa.eu/project/id/768576>)

Brussels, Belgium

01/01/2016 – 30/09/2020

RESEARCHER – TECHNICAL UNIVERSITY OF CRETE

Horizon2020 project "ZeroPlus" (<https://cordis.europa.eu/project/id/678407>)

Developing a webGIS platform for visualization of environmental and energy data gathered by sensors installed on building and surrounding area

Chania, Greece

01/01/2014 – 31/12/2016

LEAD RESEARCHER – TECHNICAL UNIVERSITY OF CRETE

Greek National Strategic Reference Framework (NSRF) project "Camp IT"

Developing district energy model and integration of advanced control and predictive algorithms to a complete web-based energy management control panel

Chania, Greece

01/09/2012 – 31/12/2016

RESEARCHER – TECHNICAL UNIVERSITY OF CRETE

Fundamental Research Programme "Development of cool material for energy saving in buildings".

Technical University of Crete, 73100, Chania, Greece

01/06/2012 – 30/09/2016

SECRETARY – EUROPEAN COOL ROOFS COUNCIL

Managing every day jobs for the organization, organization physical and virtual meeting

Brussels, Belgium

01/09/2012 – 31/12/2015

RESEARCHER – TECHNICAL UNIVERSITY OF CRETE

European Union FP7 Green@Hospital - Gathering information about Saint George hospital infrastructure, preparation of technical specifications of new equipment

Politechnioupoli Akrotiri, 73100, Chania, Greece

01/10/2010 – 31/12/2013

RESEARCHER – TECHNICAL UNIVERSITY OF CRETE

European Union LIFE+ ForestCities in developing a GIS based application on dynamic assessment of the forest fires risk
Politechniupoli Akrotiri, 73100, Chania, Greece

01/02/2010 – 31/07/2011

RESEARCHER – NATIONAL AND KAPODISTRIAN UNIVERSITY OF ATHENS

European Union FP7 BRIDGE.
Prediction of Urban Heat Island phenomenon in Athens, Greece
University Campous-Zografou, 15784, Athens, Greece

01/10/2009 – 28/02/2011

RESEARCHER – TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE

European Union – COOL ROOFS project
evaluation and sustainability of cold materials
P.O. Box 1939, 71004, Heraklio, Greece

01/06/2004 – 31/07/2004

INTERNSHIP – UNIVERSITY OF CRETE, PHYSICS DEPARTMENTS, LABORATORY OF MICROELECTRONICS

Analyze RHEED images for studying the relaxation of grid deformation in hetero epitaxial growth of InN
Voutes, 71003, Heraklion, Greece

● **EDUCATION AND TRAINING**

07/06/2012 – 18/07/2018 – Politechniupoli Akrotiri, Chania, Greece

PH.D – Technical University of Crete

Design and development of smart cool material for the built environment

01/10/2008 – 10/04/2012 – Politechniupoli Akrotiri, Chania, Greece

MASTER – Technical University of Crete

Artificial Neural Networks, Urban Heat Island, ArcGis.

01/10/2002 – 01/06/2008 – Voutes, Heraklion, Greece

PHYSICS DEGREE – University of Crete

Physics, mathematics and computer simulation.

Field(s) of study

- Physical sciences

● **LANGUAGE SKILLS**

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C1	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

- **DIGITAL SKILLS**

c C++ Embedded C++ | Matlab | ArcGIS | QGIS | Python | Microsoft Office | FORTRAN 779095 | Lua | JavaScript PHP | MySQL PostgreSQL | Energy plus | Ersp-r | Envimet

- **DRIVING LICENCE**

Driving Licence: B

- **ORGANISATIONAL SKILLS**

Organisational skills

organization of project meeting, one-day workshop

- **COMMUNICATION AND INTERPERSONAL SKILLS**

Communication and interpersonal skills

Team work during my work on the European Union projects, teaching experience during undergraduate laboratory courses as well during my master courses as a lab assistance.

- **JOB-RELATED SKILLS**

Job-related skills

design electronics circuit, embedded micro controllers, sensor integration, PCB design and production, 3D printing.

● TEACHING EXPERIENCE

Teaching Experience

- Feb 2018 - Jun 2018: Teaching of postgraduate course Simulation and Analysis of Energy in the Built Environment, Department of Nuclear and Energy Engineering, Ben-Gurion University of the Negev, Israel.
- Mar 2017 - Jun 2017: Laboratory and Teaching in Assistant Design of buildings energy systems, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2016 - Feb 2017: Laboratory and Teaching Assistant in Advanced studies on energy efficiency and environmental quality in the built environment (Postgraduate), Department of Environmental Engineering, Technical University of Crete, Greece.
- Mar 2016- Jun 2016: Laboratory and Teaching in Design of buildings energy systems, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2015 - Feb 2016: Laboratory and Teaching Assistant in Advanced studies on energy efficiency and environmental quality in the built environment (Postgraduate), Department of Environmental Engineering, Technical University of Crete, Greece.
- Mar 2015 - Jun 2015: Laboratory and Teaching in Design of buildings energy systems, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2014 - Feb 2015: Laboratory and Teaching Assistant in Meteorology and air quality models, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2013 - Feb 2014: Laboratory and Teaching Assistant in Meteorology and air quality models, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2012 - Feb 2013: Laboratory and Teaching Assistant in Meteorology and air quality models, Department of Environmental Engineering, Technical University of Crete, Greece.
- Oct 2011 - Feb 2012: Laboratory and Teaching Assistant in Meteorology and air quality models, Department of Environmental Engineering, Technical University of Crete, Greece.
- Mar 2011 - Jun 2011: Laboratory Assistant of "Basic Circuit Theory" Laboratory, Department of Electronic & Computer Engineering, Technical University of Crete, Greece.
- Mar 2011 - Jun 2011: Laboratory Assistant "Analysis of Electrical Circuits" Department of Electronic & Computer Engineering Technical University of Crete, Greece.
- Oct 2009 - Feb 2010: Assistant of "Basic Circuit Theory" Laboratory, Department of Electronic & Computer Engineering, Technical University of Crete, Greece.
- Jan - Jun 2005: Assistant to "Computer II" Laboratory (Fortran, C), Department of Physics, University of Crete, Greece.
- Oct 2004 - Jan 2005: Laboratory Assistant for "Physics I" (Classical Mechanics), Department of Physics, University of Crete, Greece.