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Education

2023

PhD Building Engineering

Concordia University

2016

MASc Building Engineering

Concordia University

2012

BSc Φυσικής

National & Kapodistrian University of Athens

2008

High School Diploma

Athens College

Specialization

- Project Management
- Net-Zero Energy Buildings
- Artificial Intelligence in Buildings
- Solid Waste Management
- Energy Studies

Skills

- Team Leadership
- Project Management & Coordination
- Research & Data Analysis
- Policy Development & Analysis
- Programming (Python, MATLAB)

Languages

English|

French

Spanish

Zisis Ioannidis, Phd

Energy & Environmental Consultant

I am an energy and environmental consultant at the Ministry of Environment & Energy. I specialize in designing net-zero-energy buildings as well as energy-sustainable buildings. I have extensive experience in designing subsidised programmes, while I am also privately involved in many energy and environmental projects in Greece, Canada, China and Cyprus. I am also Secretary-General at the Antonis Tritsis Metropolitan Park and a special adviser in the Environment and Climate Change Secretariat of New Democracy.

Work Experience

2019 - 2025

Ministry of Environment & Energy

Coordinator of the Recovery and Resilience Fund

of the Recovery and Resilience Fund projects concerning the Ministry of Environment & Energy, overseeing the implementation of 51 nationally significant projects.

Responsible for the Design and Implementation of Programmes

for the "Exoikonomo 2021", "Exoikonomo 2023", "Exoikonomo – Renovate for Youth", "Recycle-Change Appliance" and "Recycle-Change Water Heater" programs.

Energy and Environmental Consultant

Special Adviser to successive Ministers of Environment & Energy on matters of energy efficiency, e-mobility, and waste management.

2014 - 2019

Canadian Solar Industries

Consultant

Special Consultant for projects in China and Canada on buildings with integrated photovoltaic systems.

Concordia University

Project Manager

In the Government of Canada-supported ReMAP program promoting partnerships between companies and universities for the creation of semi-transparent photovoltaic systems that replace windows.

Head of the Mechanical Team

At the international Solar Decathlon China 2018 competition, for passive building design and optimization of integrated photovoltaic systems for harvesting electrical and thermal energy.

Research Assistant

In research on net-zero-energy buildings.

Awards & Publications

2019 - ASHRAE scholarship

2019 - Hellenic Scholarship Foundation (Montreal, Canada)

2017 & 2018 - Concordia International Tuition Award of Excellence

2016 - Concordia University Graduate Master's Fellowship – ENCS

2008 - Scholarship from the University of Athens

I have also authored and presented fourteen (14) scientific papers, both at international conferences and in scientific journals.



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Overview

I hold a PhD in Building Engineering from Concordia University in Montreal, Canada, where I lived and worked for five years (2014–2019). In 2019, I decided to return to Greece with the aim of transferring the knowledge and experience I acquired while studying and working abroad. Prior to that, I graduated from the National and Kapodistrian University of Athens (NKUA) in 2012 and from Athens College in 2008.

I am currently an Energy and Environmental Advisor at the Ministry of Environment and Energy, and I coordinate the Recovery and Resilience Fund (RRF) projects related to the Ministry, overseeing the implementation of 51 projects of National Significance. I have designed the innovative and successful "Exoikonomo" and "Allazō Syskeuē" programs, which have helped many citizens reduce their energy bills. I have also worked on numerous energy projects in Canada, China, and Cyprus.

My work focuses on the design of Net Zero Energy Buildings and energy-sustainable structures. I hold a Master's and PhD in photovoltaic systems integrated into buildings that produce both electricity and thermal energy, as well as in semi-transparent photovoltaic systems (Building Integrated Photovoltaic/Thermal – BIPV/T and Semi-transparent Photovoltaics – STPV). In addition, I am actively involved in the storage of electrical and thermal energy and its use to meet grid demands. I also work on the application of artificial intelligence (AI) in buildings.

I have served as a project manager for the development of innovative photovoltaic systems in collaboration with Canadian Solar, the world's largest PV manufacturer, with whom we implemented energy projects in China.

I am a member of the International Energy Agency (IEA) task force investigating the integration of solar systems into buildings to reduce energy consumption for heating, cooling, and lighting (IEA Task 56).

For my doctoral research, I had the honor of being awarded a scholarship by ASHRAE, the leading organization in building energy systems in North America. ASHRAE granted me this scholarship in recognition of the uniqueness of my work and its direct applicability to society.

I have authored and published a series of scientific articles and have presented my work at numerous high-profile international conferences.

In the regional elections of October 2023, I ran with Nikos Hardalias' electoral alliance "Attica Forward" in the Northern Sector of Athens, receiving approximately 5,000 votes.