

THANASIS KOUKOULIS

Personal Details

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Military Duties Fulfilled (November 2017-August 2018)

Academic Achievements

B.Sc. in Environmental Sciences | Grade: 7.02 | University of The Aegean, Department of Environment (2012-2018)

B.Sc Thesis Subject: Energy consumption of a student's workplace: the case of Lesbos Island

M.Sc in Digital Innovation and Entrepreneurship | Grade: 8.65 | University of the Aegean & NTUA (2019-2022)

M.Sc Thesis Subject: Advanced Air Mobility: Exploring the capabilities and potential of the Greek ecosystem

SKYROS PROJECT:

(2016-2018: [Summer Internship at Linaria Port in Skyros](#), Greece)

1. Environmental education and communication on residents/visitors & information about the educational aspects of the project to local stakeholders, residents & parents.
2. Managing/running environmental summer school camps for children
3. Promoting the scientific research of the team amongst residents/visitors in a simple and understandable way
4. Parking ships and Handling port responsibilities (cleaning, repairs, managing reservations)
5. Promotional and social media management for environmental films:
 - 2016: Member of filming team of the [short environmental video "CAN WE?"](#) that was awarded the people's Choice award in Marrakech, Morocco (promotional & social media management responsibilities)
 - 2017: Member of filming team of the [short environmental video "Keep your trash bin empty"](#) that was awarded the First place in Minimal Waste category award and People's Choice award

Work Experience

2022: RI - URBANS: Improving air quality with research (National Observatory of Athens)

RI-URBANS goal is to develop an air quality monitoring system that complements those that are currently available. Identifying and measuring the changes in air pollutants will allow European health administrations and agencies to effectively mitigate the impact of poor air quality on human health.

Stakeholder Empowerment & Engagement, Intellectual Property Rights Management, Communication & Collaboration

Programming and IT Skills

- Intermediate Programming-App development Skills & High learning capabilities (Java, C#, C++)
- Experience with electronics and microcontrollers (Arduino)/realistic embedded development
- Microsoft Office expertise

Business Initiatives

CERN, THE Port Humanitarian Hackathon 2017:

2017: Invitation and participation in [THE Port Humanitarian Hackathon](#) as team PIER49 with the project: “Trash, we can!” (Waste management in Refugee Camps).

- Designed the creation of a recycle and reward system designed for refugee camps that utilizes a “smart” technological trash bin that rewards refugees that recycle with virtual points accessible in their smartphones. Developed the mobile app and the construction and programming of the bin.

“ECOCUP”

2018-now: Co-Founder & Manager/Developer of Mobile Android Application of Business Idea “ECOCUP”

- Ecocup is an alpha stage mobile application that rewards people who order their takeaway coffees in their own cups with discounts. This way users reduce significantly not only their own ecological footprint, but their cities’ as well. Responsible for business plan & presentations, networking, progress reporting, development and research.

Business Competitions

2018: Participation in “ECOCITY FORUM 2018 & ΑΛΕΞΑΝΔΡΕΙΑ ΖΩΝΗ ΚΑΙΝΟΤΟΜΙΑΣ” Entrepreneurship Competition: “Innovative Ideas on Circular Economy and Smart Cities” with the business idea “ECOCUP”

2018: Participation in Youth Entrepreneurship competition “AEGEAN STARTUPS” with the business idea “R3 Project: An Interactable Trash bin with “Environmental” Currency for Smart Cities/Refugee camps”

2017: Participation in Entrepreneurship Competition of “Changemakers Lab Summit” with the business idea “R3 Project: An Interactable Trash bin with “Environmental” Currency for Smart Cities/Refugee camps”

Voluntary Experience

2017-2019: R3 “REduce REuse REcycle” Student Environmental Volunteer team of University of the Aegean

- **2018:** TedXLesvos 2018 Executive Assistant (as team R3): Responsible for reducing the ecological footprint of TedXLesvos event (planning-runtime)
- **2018:** TEDx Lesvos 2018 Volunteer: Responsible for the proper runtime of the event by seating guests, preparing stage microphones and presentations, validating tickets
- **2018, 2019:** Member of National initiative “Let’s do it Greece”, participating in cleaning the beach Kalamari, Mytilene, Lesvos
- **2017:** TedXLesvos Speaker (as team R3): [From Lesvos To CERN, an Once in a lifetime experience](#)

2018: Certified “Green Volunteer” of the University of the Aegean Institution

- Organized and initiated activities encouraging a more ecological approach to the University’s waste management & recycling methods (measuring/weighting trash daily for statistics, creating and installing zero waste DIY Recycling bins in the university classes/offices, handling the waste). Personally assigned for the status & end report presentation & communication of the project’s progress to the local authorities as a liaison to the municipality and the city mayor

2018: ECOCITY FORUM 2018 “Circular Economy in Smart Cities” Volunteer

- Responsible for the proper runtime of the event by creating volunteers work schedules, human resources deployment and assignment of their responsibilities, preparing stage microphones and presentations.

Publications and Research:

C. Skanavis, A. Kounani, A. Koukoulis, G. Polymeris-Maripas, K. Tsamopoulos, S. Valkanas, Climate Change Communication: **A Friendly for Users App, Research Centre of Environmental Communication and Education**, Department of Environment, University of the Aegean, Mytilene, Greece

C. Skanavis, A. Kounani, A. Koukoulis, G. Polymeris-Maripas, L. Topaltsis, K. Tsamopoulos, K. Antonopoulos, **Implementing Sustainable Development through environmental camps: The case of Skyros Project**, Research Centre of Environmental Communication and Education Department of Environment, University of the Aegean, Mytilene, Greece

C. Skanavis, A. Kounani, A. Koukoulis, G. Polymeris-Maripas, **Diving Ecotourism as a means to promoting sustainable Management at coastal areas: The role of diving Instructors**, Research Centre of Environmental Communication and Education Department of Environment, University of the Aegean, Mytilene, Greece

Achievements and Honors

2015: Awarded from the University of the Aegean for the Innovative Project “Environmental Campaign SKYROS”

2015: **“National Facilities Management”** Award for summer internship SKYROS PROJECT

2016: **People’s choice award** in [Film4Climate Global Video Competition](#), Marrakech Climate Conference COP22 for SKYROS PROJECT’s submission “Can we?”

2016: **Project Labellise** in 22nd Marrakesh Climate Change Conference (COP22)

2016: GOLD Award **“The Blue Port with Shade of Green”** in National Environmental Awards

2017: **OIKOPOLIS Award** from the 1st Summer Academy of Environmental Educators

2017: **1st place award** in Entrepreneurship Competition of “Changemakers Lab Summit” with the business idea “R3 Project: An Interactable Trash bin with “Environmental” Currency for Smart Cities/Refugee camps”

2018: **1st place award** in Minimal Waste category and **People’s Choice award** in [European Environmental Agency’s LIVE GREEN](#) competition, for SKYROS PROJECT’s submission “Keep your trash bin empty”

2018: Awarded from the Greek Government for Skyros Project

2018: **2nd place award** in “ECOCITY FORUM 2018 & ΑΛΕΞΑΝΔΡΕΙΑ ΖΩΝΗ ΚΑΙΝΟΤΟΜΙΑΣ” Entrepreneurship Competition “Innovative Ideas on Circular Economy and Smart Cities” with the business idea “ECOCUP”