



Nefeli Melita

Nationality: Greek **Date of birth:** 17/09/1996 **Gender:** Female

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Home: Tinou 46, 15238 Athens (Greece)

EDUCATION AND TRAINING

Applied Mathematics

National and Kapodistrian University of Greece [2022]

City: Athens | Country: Greece

MSc Environment and Development

National Technical University of Athens [2023 – Current]

City: Athens | Country: Greece

WORK EXPERIENCE

Technical Support in Modeling and Forecasting of Atmospheric Parameters' Impact on Solar Radiation and Energy Production

National Observatory of Athens [06/2024 – Current]

City: Athens | Country: Greece

Internship at Short-Term Forecasting of Large- Scale Clouds Impact on Solar Irradiation

National Observatory of Athens [2022 – 2022]

City: Athens | Country: Greece

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

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

PUBLICATIONS

[2023]

Kosmopoulos, P., Dhake, H., Melita, N., Tagarakis, K., Georgakis, A., Stefan, A., Vaggelis, O., Korre, V., & Kashyap, Y. (2024). Multi-Layer Cloud Motion Vector Forecasting for Solar Energy Applications. *Applied Energy*, 353. <https://doi.org/10.1016/j.apenergy.2023.122144>

DIGITAL SKILLS

Matlab/Simulink / Python / QGIS / Big Data Management / Microsoft Office / Plots Development / Computer Vision

COMMUNICATION AND INTERPERSONAL SKILLS

Collaboration/Teamwork, Problem Solving, Creativity, Organizational Skills

VOLUNTEERING

[07/2023 – 08/2023] North Pindos, Greece

Forest and Wildlife Protection and Conservation, Pindos Perivalontiki

[05/2023 – 05/2023] Florina, Greece

Radio-Observation and Remote Sensing of Bears, Arkturos