



Christina Zormpa

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Department of Meteorology and Climatology, School of Geology, Faculty of Sciences, Aristotle University of Thessaloniki, 54124, Thessaloniki, Greece

EDUCATION AND TRAINING

09/2015 – 07/2019

B. SC. DEGREE IN PHYSICS – Physics Department, School of Natural Sciences, University of Patras

Thesis: The impact of aerosols, cloud cover and concentration of ozon on solar irradiance that reaches the surface of the Earth (Supervisor: Prof. Kazantzidis Andreas)

7,47

10/2019 – 01/2021

M. SC. DEGREE IN APPLIED METEOROLOGY AND ATMOSPHERIC PHYSICS – Laboratory of Atmospheric Physics, Physics Department, University of Patras

Thesis: Spatio-temporal fluctuations in the estimation and forecast of cloudiness and solar irradiance with the use of high-resolution satellite and ground-based data (Supervisor: Prof. Kazantzidis Andreas)

9,29

10/2021 – CURRENT

PH. D. IN REGIONAL CLIMATOLOGY – Department of Meteorology and Climatology, School of Geology, Aristotle University of Thessaloniki

Thesis: Assessing the interaction between the urban environment and climate with the use of a regional climate model (Supervisor: Associate Prof. Katragkou Eleni)

LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C1	C2	C2
FRENCH	C1	C1	B2	C1	C1

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

DIGITAL SKILLS

Softwear

Windows & Linux | Microsoft Office

Programming Languages

Python (good knowledge) | R, MATLAB, C++, FORTRAN (basic knowledge)

Modeling

Weather Research and Forecasting model (WRF) | libRadtran (Radiative transfer model)

● CONFERENCES AND SEMINARS

02/07/2018 – 13/07/2018 – Athens

53rd Summer School of Research Center "Dimokritos"

22/03/2019 – Patras

World Meteorological Day and COPERNICUS project

26/09/2021 – 29/09/2021 – Ioannina

15th International Conference on Meteorology, Climatology and Atmospheric Physics

● PROJECTS

11/03/2021 – 30/09/2021

DeepSky Project

Working as a researcher in building a database of all-sky images from fish-eye cameras in collaboration with Irida (Patras) and Ellab (University of Patras), on behalf of LAPUP (University of Patras)

02/2021 – 09/2021

Aspire Project

Working as a researcher in managing meteorological instruments in collaboration with National Observatory of Athens, on behalf of LAPUP (University of Patras)

26/11/2021 – CURRENT

Enhancing Food Security in AFRican AgriCULTUral Systems with the Support of REMote Sensing (AfriCultures)

● VOLUNTEERING

09/2017 – 06/2021

Tutoring in the school of Municipality of Patras

Patras

Teaching Physics in Junior High & High School students.

Teaching Mathematics and Chemistry in Junior High School students

● RESEARCH INTERESTS

Regional Climate Modeling

The interaction of urbanisation and climate change

Solar and Earth radiation

Atmospheric Physics, especially cloud Physics

Statistical analysis of both satellite and observational data
