

VAFEIADIS Vasileios

Personal Information

DATE - PLACE OF BIRTH: 07 August 1993 in Karditsa, Greece
PROFESSION: Data Analyst
PROFESSIONAL ADDRESS: Acharnon 421, Building 4
Ano Patisia
11143, Athens, Greece
Tel : 30 698 384 9284,
E-mail: vafeiadis.vasileios@gmail.com
vafeiadis@noa.gr

Academic Qualifications

- 2022 – Today: M.Sc. Artificial Intelligence and Deep Learning at University of West Attica
- 2022: B.Sc. Automation Engineer at Piraeus University of Applied Sciences

Professional Experience

- 2016 – Today: Design and development of environmental measurement sensor array, maintenance of the METEO automated weather station network and related database, analysis of meteorological station data, including machine learning methods at the National Observatory of Athens, IERSD institute.
- 2016: Internship at the National Observatory of Athens, IERSD institute.

Areas of expertise

Data analysis, Programming, Electronics, Embedded systems programming, Automated weather station network monitoring, Environmental sensor installation and service, Computer networking, Systems administration, Internet Services, Artificial Intelligence

Participation in Posters

1. Konstantinos Alexopoulos; Stylianos Sarantellis Komninellis; Emmanouil Vlassis; Benedikt Aurelian Kaspar; David O'Brien-Møller; Andreas Kalyvas; Christos Salmas; Stavros Dafis; **Vasilios Vafeiadis**; Konstantinos Lagouvardos et al. (2023). DOI: 10.13140/RG.2.2.30838.98881

Publications in International Journals

1. Papagiannaki, K., Kotroni, V., Lagouvardos, K., Bezes, A., **Vafeiadis, V.**, Messini, I., Kroustallis, E., Totos, I. (2022). Identification of Rainfall Thresholds Likely to Trigger Flood Damages across a Mediterranean Region, Based on Insurance Data and Rainfall Observations. Water, 14, 994. <https://doi.org/10.3390/w14060994>
2. Kotroni, V., Lagouvardos, K., Bezes, A., Dafis, S., Galanaki, E., Giannaros, C., Giannaros, T., Karagiannidis, A., Koletsis, I., Kopania, T., Papagiannaki, K., Papavasileiou, G., **Vafeiadis, V.** Vougioulas, E. (2021). Storm Naming in the Eastern Mediterranean: Procedures, Events Review and Impact on the Citizens Risk Perception and Readiness. Atmosphere. 12(11), 1537, <https://doi.org/10.3390/atmos12111537>.

Participation in International Conferences

1. Papagiannaki, K., Kotroni, V., Lagouvardos, K., Bezes, A., **Vafeiadis, V.**, Messini, I., Kroustallis, E., Totos, I: Examining flood damage occurrence at the local level as a function of rainfall, based on insurance claims across an urban Mediterranean region, 17th Plinius Conference on Mediterranean Risks, Frascati, Italy, 18–21 October 2022.
2. Kotroni V., K. Papagiannaki, Y. Totos, P. Symeonidis, A. Bezes,, A. Dinopoulou, Ath. Karagiannidis, E. Kroustallis, K. Lagouvardos K., I. Messini, M. Pahoula, **V. Vafeiadis**, T. Vakkas. A system for the assessment and mapping of vulnerability and risk related to high impact weather events in Greece: Yantas project. COMECAP 2021, Ioannina, Greece, 26-29 September 2021.

Organisation of International Conferences

1. 2024: Member of the Organising Committee of 18th the Plinius Conference on Mediterranean Risks, EGU Topical Conference, Chania, Greece, 30 September - 3 October 2024.

Languages

- Greek: Native
- English: Proficient (C2)
- German: Basic (B1)

Programming/Scripting Languages and Tools:

- Python: Proficient
- PHP: Proficient
- C++: Intermediate
- Bash: Intermediate
- SQL: Basic
- Jupyter Notebook/Lab: Intermediate
- Git: Basic
- Geany Editor: Proficient

Operating Systems

- Linux
- MS Windows

CAD/CAM Applications

- KiCAD
- Fritzing

Other Skills

- Amateur Radio Operator License (Call Sign: SV1SFS)
- Driving License (Category B)