



Vasiliki Assimakopoulou

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● WORK EXPERIENCE

SUBJECT/Specialization: Urban Atmospheric pollution

- **Emission Inventory Development (National & Sub National/City Scale) - Chemical Transport Modeling:** *AirPaP* - Observatory of Air and Particulate Pollution over Greece (grant agreement No 409), HFRI/GSRI, Collaborating Researcher; *Cyclurban* - Cycling as an element of urban climate mitigation policy (EUKI – 81218709/ 17.9045.0-002.17), (GIZ) GmbH, NOA Coordinator.
- **Awareness Raising - Environmental Protection – Industrial sector liability:** *LIFE Ask REACH* - Enabling REACH consumer information rights on chemicals in articles by IT-tools (LIFE16 GIE/DE/000738), EU - LIFE, NOA Coordinator; *LIFE PROFILE* - Promote financial instruments for liability on environment (LIFE19 GIE/GR/001127), EU – LIFE, NOA Coordinator.

2004 – CURRENT

INSTITUTE FOR ENVIRONMENTAL RESEARCH & SUSTAINABLE DEVELOPMENT (IERSD) - NATIONAL OBSERVATORY OF ATHENS (NOA)

- 2020 – present: **RESEARCH DIRECTOR**
- 2012 - 2020: Senior Researcher
- 2008 - 2012: Associate Researcher
- 2004 - 2008: Junior Researcher

2001 – 2003

Division of Environmental Physics and Meteorology, Physics Dept., National and Kapodistrian University of Athens, Greece

- Research Associate

1998 – 2001

Lab. of Heat Transfer and Environmental Engineering, Dept. of Mechanical Engineering, Aristotle University of Thessaloniki, Greece

- Collaborating Researcher

● EDUCATION AND TRAINING

1997 – Master of Engineering, Civil and Environmental Engineering

Department of Civil and Environmental Engineering, Imperial College of Science, Technology and Medicine, University of London, U.K.

2001 – Ph.D. in Environmental Science and Technology

Imperial College of Science, Technology and Medicine, University of London, U.K.

Title: “Numerical Modelling of Dispersion of Atmospheric Pollution in and above Urban Canopies”

2002 – Diploma of Imperial College in “Urban Air Quality and Environmental Modelling”

Imperial College of Science, Technology and Medicine, University of London, U.K.

● LANGUAGE SKILLS

Mother tongue(s): GREEK

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
FRENCH	B1	B1	B1	B1	B1

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

● DIGITAL SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Outlook | Google Docs | Google Drive | Microsoft
PowerPoint | GIS | Python | Fortran | SPSS and other statistical packages

● CONFERENCES AND SEMINARS

Since 1997

Participation in conferences and workshops

>40 contributions in international conferences with abstracts and conference proceedings

● PUBLICATIONS

Publications in peer-reviewed journals

Co-authored 57 papers published in refereed journals. The total number of citations to all my refereed papers is ~2100, while my h-index is 21 (source Scopus). Representative papers follow:

- K.M. Fameli and V.D. Assimakopoulos, “Development of a road transport emission inventory for Greece and the Greater Athens Area: Effects of important parameters”, *Science of The Total Environment*, 505, pp. 770–786 (2015).
- Fameli, K.-M., Assimakopoulos, V.D., “The new open Flexible Emission Inventory for Greece and the Greater Athens Area (FEI-GREGAA): Account of pollutant sources and their importance from 2006 to 2012”, *Atmospheric Environment*, 137, pp. 17–37 (2016).
- Pisoni, E., Guerreiro, C., Lopez-Aparicio, S., (...), Sokolovski, E., Cuvelier, C., “Supporting the improvement of air quality management practices: The “FAIRMODE pilot” activity”, *Journal of Environmental Management*, 245, pp. 122-130 (2019).
- Fameli, K.-M., Kladakis, A., Assimakopoulos, V.D., “Inventory of Commercial Cooking Activities and Emissions in a Typical Urban Area in Greece”, *Atmosphere*, 2022, 13(5), 792

● PROJECTS

I have participated in 30 Competitive Research Programs with total amount for my institute of more than >500K€ **related to**

- **improving financial security provisions for ELD Annex III activities through the implementation of environmental risk assessment by developing novel platforms and tools,**
- **atmospheric pollution in urban areas (indoor and outdoor),**
- **development of anthropogenic emissions inventory for Greece for all sectors gridded on a GIS database,**
- **development of the first air pollution forecasting service for Greece,**
- **monitoring of atmospheric pollutants from various sources and sectors – personal exposure,**
- **development of guidelines for the management of air quality applying innovative tools and databases,**
- **awareness raising on harmful chemicals in products.**

My milestones are **(i)** the development of the first detailed, emissions inventory for Greece on a 2x2km grid, for all anthropogenic sectors FEI-GREGAA, spanning from 2006 to 2020 (and continuously being updated), **(ii)** the promotion of the first chemical check app for Europe in Greek named Scan4Chem (askreach.eu) for the awareness raising on the existence of substances of very high concern in products and articles to empower the consumers and support the companies in substituting harmful chemicals.

Recent projects:

LIFE PROFILE - Promote financial instruments for liability on environment (LIFE19 GIE/GR/001127), EU – LIFE, 15/11/2020-15/11/2023, NOA Coordinator, 65K€

AirPaP - Observatory of Air and Particulate Pollution over Greece (grant agreement No 409), HFRI/GSRI, 1/8/2018-17/12/2021, Collaborating Researcher, 110K€

Cyclurban - Cycling as an element of urban climate mitigation policy (EUKI – 81218709/ 17.9045.0-002.17), Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, 1/11/2017-28/2/2020, NOA Coordinator, 46K€

LIFE Ask REACH - Enabling REACH consumer information rights on chemicals in articles by IT-tools (LIFE16 GIE/DE/000738), EU - LIFE, 1/9/2017-31/8/2023, NOA Coordinator, 170K€

KRIPIS II – THESPIA II - Development of synergistic and integrated methodologies and tools for the observation, management and forecast of environmental parameters and pressures, GSRI/NSRF, 1/9/2017-31/3/2021, NOA/IERSD Researcher-WP2 Leader, 700K€

● NETWORKS AND MEMBERSHIPS

Various

- Guest editor of atmosphere Special Issue: Atmosphere | Special Issue : Advances in Integrated Air Quality Management: Emissions, Monitoring, Modelling (Vol.1 and 2) (mdpi.com)
- President of the Scientific Council of IERSD (2020-2022)
- Member of the Technical Chamber of Greece and the City and Guilds Associateship, U.K.
- Vice president of the Scientific Council of IERSD (2016-2018)
- Member of the Scientific Council of IERSD (2018-2020)
- Member of the Scientific Committees of the 1st Conference of CIVINET Greece – Cyprus Network, under the title “Greek Society towards the Challenge of Sustainable Mobility on the horizon of 2030”, 9-10/12/2021 CIVINET – Events (oteacademy.gr) and the 15th International COMECAP, 26-29/9/2021, 15th International Conference on Meteorology, Climatology and Atmospheric Physics - COMECAP 2020 (conferre.gr)
- Reviewer for international scientific journals (e.g., STOTEN, Environment International, Atmosphere, Atmospheric Environment) and nationally funded project progress reports (e.g., GSRI-NSRF 2014-2020, HFRI)
- Member of the board of the NOA Researchers’ Association (2017-2021)
- Member of the Forum for Air Quality Modeling (CT7, CT5, CT8)