

Eleni Athanasopoulou

Ph.D., Physics Department,
National and Kapodistrian
University of Athens (NKUA),
Greece

Curriculum Vitae

Athens, Greece
January 2022

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PROFILE – EDUCATION - SKILLS

1. PERSONAL INFORMATION

Job Address	Institute of Environmental Research and Sustainable Development, National Observatory of Athens (NOA), Lofos Koufou, GR 152 36, P. Penteli, Athens, Greece
Home Address	Granikou 67, P.O. Box 162 33, Athens, Greece
Telephones	(+30) 210-, 8109170, 7649708 Mobile: 6974465168
E-mail	eathana@noa.gr ; eathana@gmail.com
Web-site	http://apcg.meteo.noa.gr/

2. EDUCATION

2004 - 2009	Ph.D. Atmospheric Physics, Environmental Physics & Meteorology Division, Physics Department, NKUA, Athens, Greece
2000 - 2003	M.Sc. Environmental Physics, Environmental Physics & Meteorology Division, Physics Department, NKUA, Athens, Greece
1994 - 2000	B.Sc. Geology, Geology Department, NKUA, Athens, Greece

WORK EXPERIENCE

2011- now	Postdoctoral Researcher, <i>Group of Atmospheric Physics and Chemistry,</i> Institute of Environmental Research and Sustainable Development (IERSD) & Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing (IAASARS), NOA , Athens, Greece
Oct. 2017 – Mar. 2018	Contract Lecturer, Division of Energy and Environment, Physics Department, University of Patras (UPATRAS), Patra, Greece
2012 – 2015	Postdoctoral Researcher, Collaboration between Division of Environmental Physics & Meteorology, Department of Physics, NKUA , Athens, Greece and School of Earth, Atmosphere and Environmental Sciences, UMAN , Manchester, United Kingdom.
2010 – 2011	Postdoctoral Researcher, <i>Group of Aerosols Trace gases and Climate processes,</i> Institute for Meteorology and Climate research – Troposphere research, Karlsruhe Institute of Technology (KIT) , Karlsruhe, Germany
2003 – 2010	Postgraduate & Postdoctoral Researcher, <i>Group of Numerical applications in the atmosphere,</i> Division of Environmental Physics & Meteorology, Department of Physics, NKUA , Athens, Greece

RESEARCH EXPERIENCE

1. RESEARCH ACTIVITY

Eleni has a continuous research activity on atmospheric processes since 2001, developing and using state-of-the-art aerosol models. She has been involved in 14 distinct research topics conducted under collaboration with acknowledged research groups in 4 Institutes/Universities (NKUA, KIT, UMAN, NOA).

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|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. 2019 - | Air quality-climate change: city scale model applications for the Region of Attica , <i>Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece</i> |
| 2. 2018 - | Intra-urban variation of atmospheric pollution , <i>Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece</i> |
| 3. 01/12/2016 –
31/05/2017 | Dust impact on surface solar irradiance assessed with model simulations , <i>Institute of Environmental Research and Sustainable Development & Institute for Astronomy, Astrophysics, Space Applications and Remote Sensing, NOA, Athens, Greece</i> |
| 4. 01/03/2013 –
31/08/2017 | Changes in the domestic heating fuel: effects on atmospheric chemistry and meteorology over Greece , <i>Group of Atmospheric Physics and Chemistry, Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece</i> |
| 5. 01/06/2015 –
30/11/2016 | Near real-time simulations of air quality over the greater Athens area, Greece – NeRAirA , <i>Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece</i> |
| 6. 23/03/2012 –
22/03/2015 | Chemical and physical processes of atmospheric Aerosol over the Aegean Sea during Etesian and Saharan events , <i>School of Earth, Atmosphere and Environmental Sciences, UMAN, UK & Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece</i> |
| 7. 01/10/2015 –
03/12/2015 | 1897 – 2015: Droughts in Greece , <i>Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece</i> |
| 8. 01/10/2011-
01/03/2014 | Numerical simulations of the impact of wild fire cases on air quality and radiation over Greece , <i>Institute of Environmental Research and Sustainable Development, NOA, Athens, Greece & Group of Aerosols Trace gases and Climate processes, Institute for Meteorology and Climate research – Troposphere research, Karlsruhe Institute of Technology, Germany</i> |
| 9. 01/10/2010 -
30/09/2011 | Numerical simulations of the impact of secondary organic aerosols (SOA) on the state of the atmosphere , <i>Group of Aerosols Trace gases and Climate processes, Institute for Meteorology and Climate research – Troposphere research, Karlsruhe Institute of Technology, Germany</i> |
| 10. 01/12/2009 –
30/09/2010 | Coupling of the regional air quality model CAMx with the regional meteorological model WRF and the global air quality model GEOS-CHEM , <i>Group of Numerical applications in the atmosphere, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece</i> |

11. 2008 - 2010 **Parameterizations of road and soil dust emissions in the aerosol model CAMx: interactions with anthropogenic gaseous pollution over the greater Athens urban area**, *Group of Numerical applications in the atmosphere, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece*
12. 2005 - 2008 **The incorporation of sea-salt emission algorithms in photochemical simulations: heterogeneous chemistry in the air quality of polluted coastal areas**, *Group of Numerical applications in the atmosphere, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece*
13. 2003 - 2005 **Study of the atmospheric aerosol sources and chemistry over the Greater Athens Area by the use of the photochemical model CAMx**, *Group of Numerical applications in the atmosphere, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece*
14. 2001 - 2002 **Air quality model (REMSAD) applications over the U.S.: Dominant sources of particulate matter and their effect on regional atmospheric pollution**, *Group of Numerical applications in the atmosphere, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece*

2. PARTICIPATION IN FUNDED RESEARCH PROJECTS

Eleni has been funded by more than 20 research projects.

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1. 2021 - **ATMO-ACCESS: Climate Resilient-Regions through Systemic Solutions and Innovations**
Funding: European Commission / European Climate, Infrastructure and Environment Executive Agency (CINEA), Contractor: NOA, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **responsible for the city scale air quality modeling applications**
2. 2021 - **e-shape: EuroGEO Showcases: Applications Powered by Europe**
Funding: European Union's **H2020** research and innovation programme under grant agreement 820852, Contractor: NOA, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **member of the coordination team of Pilot S2P3 – responsible for the city scale air quality modeling in S2P3**
3. 2020 - 2021 **MAX3D: 3D inspection of NO₂ in Athens using the MAX-DOAS remote sensing technique**
Funding: Ministry of Development and Investments, Contractor: NOA, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **responsible for the city scale air quality modeling**
4. 2020 - 2021 **PANACEA: PANhellenic infrastructure for Atmospheric Composition and climate change**
Funding: NSRF 2014-2020 Action "Strengthening Research and Innovation Infrastructures" and financed by the Operational Program "Competitiveness, Entrepreneurship and Innovation" (MIS 5021516), Contractor: NOA, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **responsible for the city scale air quality modeling**

5. 01/09/2017 – 2020 **ERA-PLANET SMURBS: SMart URBan Solutions for air quality, disasters and city growth,**
Funding: Horizon 2020 (**H2020**) SC5-15-2015 under the ERA-PLANET grant agreement no 689443, Contractor: **NOA**, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **member of the coordination team – member of the research team on city scale air quality modeling**
6. 08/03/2016 – 20/09/2017 **GEO-CRADLE - Coordinating and integRating state-of-the-art Earth Observation Activities in the regions of North Africa, Middle East, and Balkans and Developing Links with GEO related initiatives towards GEOSS**
Funding: Horizon 2020 (**H2020**) research and innovation programme under grant agreement No 690133, Contractor: **NOA**, Scientific Coordinator: H. Kontoes, Position: **Postdoctoral Researcher**, Role: **Identification and documentation on the capabilities in the RoI on numerical modeling with respect to climate change, food security, energy potential, access to raw material – Participation in the development of the pilot on adaptation to climate change.**
7. 01/12/2015 – 31/01/2016 **ACTRIS 2– Aerosols, Clouds, and Trace gases Research InfraStructure Network**
Funding: **H2020-INFRAIA-2014-2015**, Contractor: **NOA**, Scientific Coordinator: N. Mihalopoulos, Position: **Postdoctoral Researcher**, Role: **Quality control and data statistics on the physico-chemical properties of aerosol**
8. 01/11/2015 – 30/11/2015 Assessing drought recurrence in **EUR-OPA** countries using nonlinear approach
Funding: Earthquake Planning and Protection (**EPPO**), Contractor: **NOA**, Scientific Coordinator: E. Gerasopoulos, Position: **Postdoctoral Researcher**, Role: **Statistical analysis of meteorological data towards assessing drought periods in Greece – Conduction of the report ‘Droughts in Greece’**
9. 15/05/2015 – 14/08/2015 Synergistic and integrated approaches for developing and implementing specialized methodologies and tools for the surveillance, management and forecast of environmental parameters - "**Thespia-Kripis**"
Funding: National Strategic Reference Framework (**NSRF**), Developmental proposals for research Institutes, Contractor: **NOA**, Scientific Coordinator: S. Kazadzis, Position: **Postdoctoral Researcher**, Role: **Setup, configuration and application of the atmospheric model COSMO-ART in the NOA premises, towards assessing interactions between atmospheric aerosols and meteorological parameters**
10. 23/03/2012– 22/03/2015 **Supporting Postdoctoral Researchers / Education and Lifelong Learning**
Funding: European Social Fund (**ESF**) and the Greek State, Contractor: **NKUA**, Scientific Collaborators: Assoc. Prof. Maria Tombrou & Prof. Hugh Coe (collaboration with UMAN, U.K.), Position: **Postdoctoral Researcher**, Role: **PI of the project titled: “Chemical and physical processes of atmospheric Aerosol over the Aegean Sea during Etesian and Saharan events”**
11. 01/11/2011– 31/08/2012 Climate Local Information in the Mediterranean region: Responding to User Needs - "**CLIM-RUN**"
Funding: **FP7-ENV-2010**, Contractor: **NOA**, Scientific Coordinator: Paolo M. Ruti, Position: **Postdoctoral Researcher**, Role: **Application of the COSMO-ART model, towards assessing the chemical and climate implications of the wildfires 2007 in Peloponnese, Greece**

12. 01/01/2012 - 31/03/2012 Lidar Climatology of Vertical Aerosol Structure for Space-Based Lidar Simulation Studies – “**LIVAS**”
Funding: European Space Agency (ESA), Contractor: **NOA**, Scientific Coordinator: Dr. Vasilis Amiridis, Position: **Postdoctoral Researcher**, Role: **Quality control and lidar data statistics on the physico-chemical properties of aerosol**
13. 2007 - 2010 Environmentally Compatible Air Transport System-**ECATS**
Funding: **European Union**, Contractor: **NKUA**, Scientific Coordinator: Prof. D. Asimakopoulos, Position: Researcher, Role: **Optimizing airport and aircraft air pollution emissions**
14. 2008 - 2009 University Research Program ‘**Kapodistrias**’,
Funding: Special Account of Research Funds, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **The identification of soil erosion effects on aerosol concentrations in the Greater Athens Area by applying the photochemical model CAMx**
15. 2005 - 2008 Generalized Framework and Applications for behaviour and intelligence evaluation of software agent in multi-agent systems (**PENED 2003**)
Funding: **Europe** and the Greek Ministry of Development-**GSRT**, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Granted Ph.D. student**, Role: **Development of emission parameterization schemes for sea-salt and dust aerosol production – numerical applications of the photochemical model CAMx – investigate the interactions between natural aerosol and anthropogenic pollutants**
16. 2005 - 2008 The effect of air transport on atmospheric pollution in local, regional and global scale (**PITHAGORAS II**)
Funding: Ministry of Education, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **Application of a photochemical model to identify the role of air transport on the air pollution levels over Athens**
17. 2004 - 2005 University Research Program ‘**Kapodistrias**’,
Funding: Special Account of Research Funds, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **Simulation of aerosol re-suspension in the Greater Athens Area**
18. 2004 - 2005 Economic and environmental assessment of the new highway road (AO) in the Greater Athens Area (GAA),
Funding: Attiki Odos A.E, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **Incorporating air pollution emissions from the new highway of Athens into the emission inventory for Greece – application of the photochemical model CAMx towards assessing the impact of AO on the air pollution levels over GAA**
19. 2004 Control optimization of the atmospheric pollution sources at the Greater Athens Area,
Funding: Ministry of the Environment, Contractor: **NKUA**, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **Application of a sensitivity study with the photochemical model CAMx, in order to identify the role of each source sector of aerosol pollution over GAA**

20. 2004 Application of a dispersion model of gaseous emissions from the new industrial station I.F.A. at the island of Revithousa,
Funding: Asprofos A.E, Contractor: NKUA, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: Researcher, Role: **Sensitivity studies using the photochemical model CAMx, in order to assess the impact of the station on the regional air pollution levels**
21. 2003 - 2004 [Assessment and mapping of air pollution in the Greek territory](#),
Funding: **Ministry of the Environment, Greece**, Contractor: **HPC-PASECO** Company, Scientific Coordinator: Assoc. Prof. M. Tombrou, Position: **Researcher**, Role: **Spatial distribution of representative atmospheric pollution conditions over Greece, using air quality simulations**
22. 2003 - 2004 Integrated Computational Assessment of urban air quality via Remote Observation Systems network (**ICAROS-NET**), Information System Technology Program
Funding: **European Union**, Contractor: **NKUA**, Scientific Coordinator: Dr. D. Sarigianis, Position: **Researcher**, Role: **Numerical simulations of atmospheric pollution over Greece**

3. OTHER PROJECTS

Eleni has had a non-paid contribution in submission, implementation and/or coordination in several research projects. An indicative list is found below. In parallel, she has submitted, succeeded and implemented several successive projects for access of computational space and time in the HPC of GRNET, with the affiliation of NOA.

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021 - 2024 | Revealing the role of geoss as the default digital portal for building climate change adaptation & mitigation applications - EIFFEL , <u>Funding:</u> European Union's Horizon 2020 research and innovation programme under grant agreement 101003518, <u>Role:</u> Responsible for the city scale numerical modeling of air pollution, under targeted emission scenarios. |
| 2020 - 2025 | PANhellenic Geophysical observatory of Antikythera – PANGEA , <u>Funding:</u> European Investment Bank and Public Investments Programme, <u>Role:</u> Participation in the co-ordination, development and preservation of the official website of the infrastructure. |
| 2019 - 2020 | The establishment of the regional plan for climate change adaptation for the region of Attica (Contract No. 106/2019) – ΠΕΣΠΙΚΑ <u>Funding:</u> National Funds (Regional Authority), <u>Role:</u> Responsible for the city scale numerical modeling of air pollution, during climate change. |
| 2019 - 2023 | EuroGEO Showcases: Applications Powered by Europe - e-shape . <u>Funding:</u> European Union's Horizon 2020 research and innovation programme under grant agreement 820852 <u>Role:</u> Participation in project's pilot S2P3 «EO-based pollution-health risks profiling in the urban environment» proposal, submission, and co-ordination. Responsible for city scale model applications. |
| 2019 - 2021 | Improving resilience of sensitive industrial plants & infrastructures exposed to cyber - physical threats, by means of an open testbed stress-testing system – Infrastress , <u>Funding:</u> H2020 Innovation Action (Grant agreement ID: 833088), <u>Role:</u> Participation in the coordination of atmospheric monitoring and the development of tools for the detection and protection from natural hazards. |
| 2021 | High-resolution Air Quality fields In support of human Health - H-AQI-H , <u>Funder:</u> GRNET, <u>Role:</u> Submission, Implementation responsible |

2020	City-Scale CTM applications for Athens – CiTyM <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2019	Urban Wood Burning and Aerosol Cloud Effects - U_WoodBACE <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2018	Bridging Regional to City-Scale Air Quality Modeling for Athens – RECLaiM <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2017	Aerosol implications on Energy and Clouds over the Eastern Mediterranean – AECIEM <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2016	AirQuality for Athens –towards Integrated Services of Chemical Weather Forecast – AQ4ATH <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2015	Atmospheric Chemistry and Radiative forcing assessment of recent pollution episodes over Athens, Greece – ACRA <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible
2015	Near Real-time simulations of Air quality over the greater Athens area, Greece – NeRAirA <u>Funder</u> : GRNET, <u>Role</u> : Submission, Implementation responsible

4. PARTICIPATION IN SCIENTIFIC UNIONS - GROUPS

2009 - now	Hellenic Association of Aerosol Research (HAAR)
June 2017 - now	Forum for air quality modelling in Europe (FAIRMODE)
2019 -	Editorial team of the popularized scientific journal Kosmos of NOA
2020 - 2025	General Assembly of the Geophysical and Climate Change Observatory (PANGEA)
2020 -	Greek GEO GEO Office (GGO)

5. LONG-TERM SCIENTIFIC COLLABORATIONS

1. 2017 -	Dr. Volker Matthias and Dr. Matthias Karl , Helmholtz-Zentrum Geesthacht (HZG), Germany <u>Research topic</u> : city-scale CTM EPISODE-CityChem and TAPM, UrbEm emissions tool
2. 2010 - 2017	Dr. Bernhard Vogel – Dr. Heike Vogel , Group "Aerosols, Trace Gases and Climate Processes", Institute of Meteorology and Climate Research - Department Troposphere Research, Karlsruhe Institute of Technology (KIT) , Germany <u>Research topic</u> : Atmospheric chemistry – interactions with meteorology/climate: numerical simulations over Germany, Europe, EM and Greece during characteristic events/periods
3. 2010 - 2017	Dr. Dominik Brunner , Group “Atmospheric Modelling and Remote Sensing”, Material Science and Technology (EMPA) , Switzerland <u>Research topic</u> : Air pollution emission inventories
4. 2013 - 2017	Mr. Ulrich Sheatler , German Weather Service (DWD) , Germany <u>Research topic</u> : Numerical weather model configuration and data

5. 2012 - 2015 | Visitor as postdoctoral researcher at the School of Earth and Environmental Sciences, **University of Manchester (UMAN)**, U.K. under the supervision of **Prof. H. Coe** within the framework of the Action “Supporting Postdoctoral Researchers” of the Operational Program “Education and Lifelong Learning”, co-financed by the European Social Fund (ESF) and the Greek State.
Project title: “Chemical and physical processes of atmospheric Aerosol over the Aegean Sea during Etesian and Saharan events”
6. 2005 - 2009 | Ph.D. researcher under the supervision of **Prof. Armistead G. Russell, Georgia Institute of Technology (GATECH)**, USA, within the “Generalized Framework and Applications for behaviour and intelligence evaluation of software agent in multi-agent systems”
Research topic: Parameterizations of road and soil dust emissions in the aerosol model CAMx: interactions with anthropogenic gaseous pollution over the greater Athens urban area
7. 2004 - 2011 | Ph.D. researcher under the supervision of **Prof. Spyros Pandis, University of Patras**, Greece, within the “Generalized Framework and Applications for behaviour and intelligence evaluation of software agent in multi-agent systems”
Research topics: The numerical simulation of the interactions between sea-salt particles and anthropogenic pollution over polluted coastal areas & Incorporation of the VBS scheme for SOA formation in the atmospheric model COSMO-ART: applications over Europe and implications with meteorology/climate

6. REVIEWER – EVALUATOR

Eleni has reviewed 13 articles for publication in 5 scientific journals, 3 short articles for publication in a conference and 2 airborne research proposals

Scientific Journals	Atmospheric Chemistry and Physics (ACP)	5 articles
	Atmospheric Environment	3 articles
	Environmental Pollution	3 articles
	Journal of Environmental Management	1 article
	Global Nest	1 article
Conference Proceedings	COMECAP International Conference	3 articles
Projects	Evaluations assigned by the European Facility for Airborne Research (EUFAR)	2 projects
Research Projects	H2020 FET-OPEN - FETOPEN-01-2018-2019-2020: FET-Open Challenging Current Thinking, Research and Innovation Actions (RIA)	Member of accepted evaluators
	GSRT	

7. GRANTS

2012 – 2015 | **Post-Doctoral scholarship** (Action: Support of Postdoctoral Researchers), co-Financed by the **European Union** and the **Greek State**

2005 – 2008 | **Ph.D. scholarship** (PENED2003) co-financed by E.U.-European Social Fund and the Greek Ministry of Development-**GSRT**.

8. MEMBERSHIP IN ORGANIZATION - COORDINATION GROUPS/COMMITEES

2021-	Task responsible (Inv.) in RI-URBANS project
2021-	Task leader in ATMO-ACCESS project
2020	Annual progress meeting of H2020 SMURBS project, 10-11 November, virtual http://smurbs.eu/smurbs-online-annual-meeting-pm3-10-11-november-2020/
2019	Mideterm progress meeting of H2020 SMURBS project, 3-4 June, Kyiv, Ukraine
2018	Annual progress meeting of H2020 SMURBS project , 9-10 October, Athens, http://smurbs.eu/smurbs-annual-meeting-pm1-9-10-october-2018-athens-greece/
2018	Stakeholders workshop – user needs on air pollution, disasters and city growth (project SMURBS), 27-28 March, Hamburg, Germany, http://smurbs.eu/workshop-on-user-needs-27-28-march-2018-hamburg-germany/

TEACHING EXPERIENCE - SEMINARS

1. TEACHING EXPERIENCE

1. 10/2017 – 02/2018	Teaching the undergraduate course “Atmospheric Pollution”, in the frame of the National-EU program “Gaining Academic Teaching experience”, Physics Department, UPATRAS , Greece
2. 2016 - now	Co-teaching in the course ‘Earth System Science’ of the M.Sc. program “Space Science Technologies and Applications” by the National Observatory of Athens (NOA) & the University of Peloponnese, (UoP), Greece.
3. 2004 - 2009	Co-teaching in undergraduate courses at Laboratories of Atmospheric Physics, Department of Physics, NKUA , course titles: 'Meteorological Mast' and 'Wind Tunnel'

2. CO-SUPERVISION OF THESIS

1. 11-12/2017	Training during the Ph.D. internship of Nassima Oucher (Dept. Environmental Engineering, National Polytechnic School, Algiers), for the “Numerical simulations of air pollution over Algeria”, under the official supervision of Dr. E. Gerasopoulos, NOA , Greece.
2. 10/2016 – 11/2017	Scientific guidance during the undergraduate thesis of Faedra-Ekaterini Kozonaki, titled “The effect of a peri-urban, open-fire accident on the urban atmospheric pollution levels”, under the official supervision of Prof. M. Kanakidou, University of Crete , Greece.

3. Summer 2016 | **Scientific guidance** during the **undergraduate internship** of Faedra-Ekaterini Kozonaki, titled “The effect of a peri-urban, open-fire accident on the urban atmospheric pollution levels”, Institute for Environmental Research & Sustainable Development, **NOA**, Greece

3. SEMINARS

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| 1. 17/12/2021 | Invited talk for the University workshop on Air quality monitoring and management for the M.Sc. students UPATRAS , Greece, titled: ‘Urban air pollution mapping towards protecting human health’ |
| 2. 12/01/2018 | Invited talk for the M.Sc. program “Applied Meteorology and Environmental Physics”, Physics department, UPATRAS , Greece, titled: ‘Residential Wood Combustion in Greece: Impacts on air quality and interaction with radiation’ |
| 3. 13/3/2014 | Seminar titled ‘Atmospheric aerosol modeling – Applications over Greece’, for the yearly seminar cycle of the Institute for Environmental Research & Sustainable Development, NOA , Greece |
| 4. 13/11/2013 | Seminar titled ‘Atmospheric Physics and Chemistry Group towards an extended frame of collaboration between HNMS – NOA – AoA’ in the frame of the Memorandum of Understanding between NOA & HNMS |
| 5. 2011 | Seminar titled ‘Simulating secondary organic aerosol formation over Europe using the volatility basis-set approach in the online coupled model COSMO-ART’, for the yearly seminar cycle of the Institute for Meteorology and Climate Research - Troposphere Research, KIT , Germany |
| 6. 2007 | Course in the M.Sc. program “Environmental Physics and Meteorology”, Physics department, NKUA , Greece, course title: ‘Introduction for Atmospheric Aerosol’ |

SCIENTIFIC RECORDS - PUBLICATIONS

1. ARTICLES IN PEER REVIEWED JOURNALS

Eleni has published several scientific articles with more than 40 co-authors from more than 15 Research Institutes or Universities, in 8 of which being the first author. Her articles have so far received over 350 citations by more than 300 documents. H-index: 10 (Scopus, January 2022).

1. Myriokefalitakis, S., Bergas-Massó, E., Gonçalves-Ageitos, M., Pérez García-Pando, C., van Noije, T., Le Sager, P., Ito, A., Athanasopoulou, E., Nenes, A., Kanakidou, M., Krol, M. C., and Gerasopoulos, E.: Multiphase processes in the EC-Earth Earth System model and their relevance to the atmospheric oxalate, sulfate, and iron cycles, *Geosci. Model Dev. Discuss.* [preprint], <https://doi.org/10.5194/gmd-2021-357>, accepted, **2022**.
2. Evangelos Gerasopoulos, Jennifer Bailey, Eleni Athanasopoulou, Orestis Speyer, David Kocman, Astrid Raudner, Alexia Tsouni, Haris Kontoes, Christer Johansson, Charalampos Georgiadis, Volker Matthias, Nataliia Kussul, Mariella Aquilino, Pauli Paasonen, Earth observation: An integral part of a smart and sustainable city, *Environmental Science & Policy*, Volume 132, **2022**, Pages 296-307, ISSN 1462-9011, <https://doi.org/10.1016/j.envsci.2022.02.033>.

3. Charalampos Georgiadis, Petros Patias, Natalia Verde, Vassilios Tsioukas, Dimitris Kaimaris, Olga Georgoula, David Kocman, Eleni Athanasopoulou, Orestis Speyer, Astrid Raudner, Matthias Karl, Evangelos Gerasopoulos, State-of-play in addressing urban environmental pressures: Mind the gaps, *Environmental Science & Policy*, Volume 132, **2022**, Pages 308-322, ISSN 1462-9011, <https://doi.org/10.1016/j.envsci.2022.02.030>
4. Gratsea, M., Athanasopoulou, E., Kakouri, A., Richter, A., Seyler, A., Gerasopoulos, E. Five Years of Spatially Resolved Ground-Based MAX-DOAS Measurements of Nitrogen Dioxide in the Urban Area of Athens: Synergies with In Situ Measurements and Model Simulations. *ATMOSPHERE*, 12, 1634. <https://doi.org/10.3390/atmos12121634>, **2021**
5. Ramacher, M.O.P., Kakouri, A., Speyer, O., Feldner, J., Karl, M., Timmermans, R., Denier van der Gon, H., Kuenen, J., Gerasopoulos, E., Athanasopoulou, E. The UrbEm Hybrid Method to Derive High-Resolution Emissions for City-Scale Air Quality Modeling. *ATMOSPHERE*, 12, 1404. <https://doi.org/10.3390/atmos12111404>, **2021**
6. Grivas, G.; Athanasopoulou, E.; Kakouri, A.; Bailey, J.; Liakakou, E.; Stavroulas, I.; Kalkavouras, P.; Bougiatioti, A.; Kaskaoutis, D.G.; Ramonet, M.; Mihalopoulos, N.; Gerasopoulos, E. Integrating in situ Measurements and City Scale Modelling to Assess the COVID–19 Lockdown Effects on Emissions and Air Quality in Athens, Greece. *Atmosphere* 2020, 11, 1174, <https://www.mdpi.com/2073-4433/11/11/1174>, **2020**.
7. Athanasopoulou, E., Speyer, O., Brunner, D., Vogel, H., Vogel, B., Mihalopoulos, N., and Gerasopoulos, E.: Changes in domestic heating fuel use in Greece: effects on atmospheric chemistry and radiation, *Atmos. Chem. Phys.*, 17, 10597-10618, <https://doi.org/10.5194/acp-17-10597-2017>, **2017**.
8. Kosmopoulos, P. G., Kazadzis, S., Taylor, M., Athanasopoulou, E., Speyer, O., Raptis, P. I., Marinou, E., Proestakis, E., Solomos, S., Gerasopoulos, E., Amiridis, V., Bais, A., and Kontoes, C.: Dust impact on surface solar irradiance assessed with model simulations, satellite observations and ground-based measurements, *Atmos. Meas. Tech.*, 10, 2435-2453, <https://doi.org/10.5194/amt-10-2435-2017>, **2017**.
9. Athanasopoulou E., A. Protonotariou, G. Papangelis, M. Tombrou, N. Mihalopoulos, E. Gerasopoulos, Long-range transport of Saharan dust and chemical transformations over the Eastern Mediterranean, *Atmospheric Environment*, Volume 140, September 2016, Pages 592-604, ISSN 1352-2310, <http://dx.doi.org/10.1016/j.atmosenv.2016.06.041>, **2016**.
10. Athanasopoulou, E., Protonotariou, A. P., Bossioli, E., Dandou, A., Tombrou, M., Allan, J. D., Coe, H., Mihalopoulos, N., Kalogiros, J., Bacak, A., Sciare, J., and Biskos, G.: Aerosol chemistry above an extended archipelago of the eastern Mediterranean basin during strong northern winds, *Atmos. Chem. Phys.*, 15, 8401-8421, [doi:10.5194/acp-15-8401-2015](https://doi.org/10.5194/acp-15-8401-2015), **2015**.
11. Athanasopoulou E., D. Rieger, C. Walter, H. Vogel, A. Karali, M. Hatzaki, E. Gerasopoulos, B. Vogel, C. Giannakopoulos, M. Gratsea, A. Roussos: Fire risk, atmospheric chemistry and radiative forcing assessment of wildfires in eastern Mediterranean, *Atmospheric Environment*, Volume 95, October **2014**, Pages 113-125, ISSN 1352-2310, <http://dx.doi.org/10.1016/j.atmosenv.2014.05.077>.
12. Athanasopoulou, E., Vogel, H., Vogel, B., Tsimpidi, A. P., Pandis, S. N., Knote, C., and Fountoukis, C.: Modeling the meteorological and chemical effects of secondary organic aerosols during a EUCAARI campaign, *Atmos. Chem. Phys.*, 13, 625-645, [doi: 10.5194/acp-13-625-2013](https://doi.org/10.5194/acp-13-625-2013), **2013**.
13. Athanasopoulou, E., M. Tombrou, A. G. Russell, A. Karanasiou, K. Eleftheriadis, and A. Dandou,: Implementation of road and soil dust emission parameterizations in the aerosol model CAMx: Applications over the greater Athens urban area affected by natural sources, *J. Geophys. Res.*, 115, D17301, **2010**, [doi: 10.1029/2009JD013207](https://doi.org/10.1029/2009JD013207).

14. Bossioli E., M. Tombrou, A. Dandou, E. Athanasopoulou, and C. Varotsos: The Role of Planetary Boundary-Layer Parameterizations in the Air Quality of an Urban Area with Complex Topography, *Boundary Layer Meteorology*, Vol. 131, p. 53-72, [DOI: 10.1007/s10546-009-9349-7](https://doi.org/10.1007/s10546-009-9349-7) , **2009**.
15. Athanasopoulou E., M. Tombrou, S. N. Pandis, and A. G. Russell: The role of sea-salt emissions and heterogeneous chemistry in the air quality of polluted coastal areas, *Atmos. Chem. Phys.*, Vol. 8, p. 5755–5769, <https://doi.org/10.5194/acp-8-5755-2008>, **2008**.
16. Athanasopoulou E., Bossioli E., and Tombrou M.: Modelling of aerosol in the Greater Athens Area, Greece, *Int. J. Environment and Pollution*, Vol. 24, Nos. 1/2/3/4, p. 230-246, <https://doi.org/10.1504/IJEP.2005.007395>, **2005**.
17. Protonotariou, A., Bossioli, E., Athanasopoulou, E., Dandou, A., Tombrou, M., Flocas, H.A., Helmis, C.G., and Assimakopoulos, V.D.: Evaluation of CALPUFF modelling system performance: an application over the Greater Athens Area, Greece, *Int. J. Environment and Pollution*, Vol. 24, Nos.1/2/3/4, p. 22-35, <https://doi.org/10.1504/IJEP.2005.007382>, **2005**.

Table of Impact Factors (Source: Official Journal Sites)

Scientific Journal	No of Articles	Impact Factor (year)
Atmospheric Chemistry and Physics	4	5.689 (IF 5-year)
Atmosphere	3	2.686 (2020)
Atmospheric Environment	2	4.042 (IF 5-year)
Atmospheric Measurement Techniques	1	3.650 (IF 5-year)
JGR-Atmospheres	1	3.38 (current online)
Boundary Layer Meteorology	1	2.607 (current online)
Int. J. Environment and Pollution	2	0.641 (IF 5-year)
Geoscientific Model Development	1	6.135 (current online)
Environmental Science and Policy	2	5.581 (current online)
Total	17	~3.9

2. ARTICLES UNDER REVIEW/REVISION/IN. PREP.

1. Athanasopoulou et al., Intra-urban air quality under future representative concentration pathways: modeling experiments for a city in the E. Mediterranean, in prep.
2. Nicola Pirrone, Paolo Mazzetti, Sergio Cinnirella, Evangelos Gerasopoulos, Eleni Athanasopoulou, Jana Klanova, Anthony Lehmanne, Joan Masó Pau, Tuukka Petäjä, Lukáš Pokorný, Katerina Sebkova, The science-policy interfaces of the European network for observing our changing planet: from EO to co-designed policy-driven scenarios, *Environmental Science and Policy*, Special issue: Science-policy interfaces of the European network for observing our changing planet (ERA-PLANET), under revision, 2021.

3. PARTICIPATION IN BOOK PUBLICATIONS

1. Athanasopoulou E., Speyer O., Apostolopoulou S., Papageorgiou S., Amiridis V. and Gerasopoulos E.: Near Real-Time Aerosol Predictions During the First Citizen Observatory Campaign in Greece, *Springer Atmospheric Sciences*, Theodore Karacostas et al. (Eds): Perspectives on Atmospheric Sciences, 978-3-319-35094-3, 395543_1_En, (118), [DOI: 10.1007/978-3-319-35095-0_118](https://doi.org/10.1007/978-3-319-35095-0_118), 2016
2. Athanasopoulou E., Protonotariou A., Bossioli E., Allan J., Dandou A., Coe H., Bacak A., Kalogiros J., Mihalopoulos N., Biskos G. and Tombrou M. Spatial distribution of aerosol species over the Aegean Sea: model coupling and evaluation during a recent Etesian period. *C O M E C A P 2 0 1 4 e-book of proceedings* [ISBN: 978-960-524-430-9](https://doi.org/10.1007/978-960-524-430-9), Vol 1 Pages 78-84, 2014.

4. PUBLICATIONS IN INTERNATIONAL CONFERENCES – SYMPOSIA¹

Eleni has more than 30 publications in proceedings, posters and talks in International Scientific Conferences.

1. E. Gerasopoulos, E. Athanasopoulou, O. Speyer, J. Bailey, D. Kocman and M. Karl, "Urban resilience to environmental stressors via EO-based smart solutions," 2021 IEEE International Geoscience and Remote Sensing Symposium IGARSS 2021, pp. 1194-1197, doi: 10.1109/IGARSS47720.2021.9554066.
2. Athanasopoulou E., Grivas, G., Kakouri, A., Ramacher, M., Speyer, O., Karl, M., Gerasopoulos, E.: Synergy between different earth observation platforms towards the estimation of the intra-urban population exposure to wintertime air pollution of Athens, 15th COMECAP 2021 Conference, 26-29 September, 2021, Ioannina, Greece
3. M. Ramacher, M. Karl, E. Athanasopoulou, A. Kakouri, O. Speyer, and V. Matthias, A novel approach for dynamic population activity in urban-scale exposure estimates, **EGU 2020** General Assembly, Online, 4–8 May 2020.
4. M. Ramacher, M. Karl, V. Matthias, E. Athanasopoulou, A. Kakouri, O. Speyer, A novel approach for dynamic population activity in urban-scale exposure estimates, 12th International Conference on Air Quality, **ICAQ 2020**, Online, 13 March 2020.
5. E. Gerasopoulos, E. Athanasopoulou, M. Ramacher, O. Speyer, M. Karl, I. Stavroulas, G. Grivas, J. Bailey, A. Kakouri, City scale air pollution modelling and high resolution exposure mapping of an urban hotspot in the Eastern Mediterranean, 2019 Fall Meeting, **AGU 2019**, 9-13 December, San Francisco, CA, U.S.A.
6. Bailey J., Speyer O., Athanasopoulou E. and Gerasopoulos E., [Insights and Policy Implications from a Harmonized Earth Observation Approach to Urban Air Quality, 2019 Fall Meeting, AGU 2019, 9-13 December, San Francisco, CA, U.S.A. \(1, πηγή Google Scholar\) doi: 10.1002/essoar.10502027.1](https://doi.org/10.1002/essoar.10502027.1)
7. Evangelos Gerasopoulos, Eleni Athanasopoulou, Orestis Speyer, Matthias Karl, David Kocman, Nicola Riitano, Chiara Giuliani et al., Smart Cities and Resilient Societies: The contribution of SMURBS/ERA-PLANET to advocate the role of Earth Observation in making cities and decisions smarter, LPS 2019, 13-17 May, Milan, Italy
8. Papadakis, D. Stouraitis, A. Bartzas, E. Gerasopoulos, G. Grivas, E. Athanasopoulou, I. Stavroulas, P. Syropoulou, A. Agrafiotis, I. Christakis, T. Migos, I. Stavrakas and K. Ioannidis, EMISSION: Environmental monitoring integrated system using an IoT network, **TAP 2019**, 15-17 May, Thessaloniki, Greece

¹ The underlined titles were presented by E. Athanasopoulou

9. Athanasopoulou E., Protonotariou A., Papangelis G., Tombrou M., Mihalopoulos N., Gerasopoulos E. (2018), Long-range transport of Saharan dust and chemical transformations over the Eastern Mediterranean, **EGU 2018**, 8-13 April, Vienna, Austria
10. Athanasopoulou E., O. Speyer, D. Brunner, H. Vogel, B. Vogel E. Gerasopoulos and N. Mihalopoulos, Residential wood combustion in Athens 2010: Impacts on air quality and atmospheric variables, **10th International Conference on Air Quality - Science and Application**, 14-18 March, 2016, Milan, Italy.
11. Vogel B., E. Athanasopoulou, J. Förstner, T. Schad, D. Rieger, I. Kraut, H. Vogel, C. Walter: Dynamic aerosol in numerical weather forecast: nice to have or necessary?, **Symposium on Coupled Chemistry-Meteorology/Climate Modelling**, 2015, WMO Headquarters, Geneva, Switzerland 23-25 February 2015, http://www.eumetchem.info/images/meetings/ccmm/Session_5b/Bernhard_Vogel_fv%20%281%29.pdf
12. Speyer O., Athanasopoulou E., Gerasopoulos E., Brunner D., Vogel H., and Vogel B.: Investigation of direct radiative effects of aerosols due to changes in domestic heating fuel, **Symposium on Coupled Chemistry-Meteorology/Climate Modelling**, 2015, WMO Headquarters, Geneva, Switzerland 23-25 February 2015, http://www.eumetchem.info/images/meetings/ccmm/Session_2b/Speyer_23-2_2015.pdf
13. Vogel Bernhard, Eleni Athanasopoulou, Tobias Schad, Daniel Rieger, Isabel Kraut, Heike Vogel: Does natural and anthropogenic aerosol have an impact on numerical weather prediction?, **WWOSC 2014**, Montreal Canada, <https://mywwosc14.zerista.com/event/member/134982>
14. Athanasopoulou E., Protonotariou A., Bossioli E., Allan J., Dandou A., Coe H., Bacak A., Kalogiros J., Mihalopoulos N., Biskos G. and Tombrou M.: Spatial distribution of aerosol species over the Aegean Sea: model coupling and evaluation during a recent Etesian period **COMECAP International Conference**, 28– 31 May 2014, Heraklion, Greece
15. Athanasopoulou E., A. Protonotariou, E. Bossioli, J. Allan, A. Dandou, G. Papangelis, H. Coe, A. Bacak, J. Kalogiros, N. Mihalopoulos, G. Biskos and M. Tombrou: Long range transport and chemical transformation of aerosols over the Aegean Sea during a recent Etesian period, , **EAC International Conference**, 1-6 September, 2013, Prague, Czech Republic
16. Athanasopoulou E., D. Rieger, C. Walter, H. Vogel, B. Vogel and E. Gerasopoulos: Modeling the chemical and radiative effects of aerosol during the wildfires of 2007 in Greece, **EAC International Conference**, 1-6 September, 2013, Prague, Czech Republic
17. Vogel Bernhard, Eleni Athanasopoulou, Max Bangert Andrew Ferrone Inga Gözl, Heike Vogel,, Corinna Hoose, Matthias Hummel, and Dominik Brunner: The impact of natural and anthropogenic aerosols on radiation and clouds simulated with the fully online coupled model system COSMO-ART, Geophysical Research Abstracts, Vol. 15, EGU2013-10685, **EGU General Assembly 2013**, <http://meetingorganizer.copernicus.org/EGU2013/EGU2013-10685.pdf>
18. Athanasopoulou E., E. Gerasopoulos, H. Vogel, S. Kazadzis, E. Liakakou, M. Gratsea, and B. Vogel: Aerosol observations and predictions in the southeastern Europe during the extreme summer 2007, **European Aerosol Conference**, September 2 – 7, 2012, Granada, Spain.
19. Athanasopoulou, E., Vogel H., Lundgren K., Vogel B., Fountoukis C., Pandis S.: Estimating direct effects of secondary organic aerosol over Europe using COSMO-ART, Springer Atmospheric Sciences, Helmis, Costas G.; Nastos, Panagiotis (Eds.), ISBN 978-3-642-29171-5, doi 10.1007/978-3-642-29172-2, Springer Heidelberg New York Dordrecht London, **11th International Conference on Meteorology, Climatology and Atmospheric Physics**, May 29-June 1, 2012, Athens, Greece.

20. Athanasopoulou, E., C. Giannakopoulos, M. Hatzaki, H. Vogel, D. Rieger, C. Knote, B. Vogel, A. Karali: Fire risk and air pollution assessment during the 2007 wildfire events in Greece using the COSMO-ART atmospheric model, Geophysical Research Abstracts, Vol. 14, EGU2012-9558-1, EGU General Assembly 2012, 22 – 27 April, Vienna, Austria.
21. Vogel, B., E. Athanasopoulou, M. Bangert, A. Ferrone, K. Lundgren, H. Vogel, Ch. Knote, and D. Brunner: The Fully Online Integrated Model System COSMO-ART to Simulate Direct and Indirect Effects of Aerosols, Geophysical Research Abstracts, Vol. 14, EGU2012-3094, EGU General Assembly 2012, 22 – 27 April, Vienna, Austria.
22. Athanasopoulou Eleni, Heike Vogel, Max Bangert, Christoph Knote, Bernhard Vogel, Ben Murphy, Alexandra Tsimpidi, Spyros Pandis: Simulating secondary organic aerosol (SOA) formation over Europe using the volatility basis-set approach (VBS) in the online coupled model COSMO-ART, European Aerosol Conference, September 4-9, 2011, Manchester, UK.
23. Athanasopoulou E., H. Vogel, M. Bangert, Ch. Knote, B. Vogel, B. Murphy, A. Tsimpidi, S. Pandis: Quantifying the Effects of SOA on Radiation and Temperature over Europe Using the Volatility Basis-Set Approach in the Online Coupled Model COSMO-ART, IAMA Conference, November 30-December 2, 2011, Davis, CA, USA.
24. Athanasopoulou E., M. Tombrou and S. Pandis: Marine, Aeolian erosion and road dust effects on aerosol predictions over Greece, 10th International Conference on Meteorology, Climatology and Atmospheric Physics, May 25-28, 2010, Patras, Greece.
25. Athanasopoulou E., M. Tombrou, A.A. Karanasiou, K. Eleftheriadis and A.G. Russell, 2009: Evaluation of Simulated Atmospheric Constituents with Observations over a European City affected by Natural Sources, 28th American Association for Aerosol Research, October 26-30, 2009, Minneapolis, U.S.A.
26. Athanasopoulou E., M. Tombrou, A.A. Karanasiou, K. Eleftheriadis and A.G. Russell: Evaluation of simulated atmospheric constituents with observations over an urban area affected by natural sources, European Aerosol Conference, September 6-11, 2009, Karlsruhe, Germany.
27. Athanasopoulou E., Tombrou M., Pandis S., Russell A.G. and Dandou A: Modelling the effects of heterogeneous chemistry in the air quality of Athens: marine and dust aerosol, European Aerosol Conference, September 24-29, 2008, Thessaloniki, Greece.
28. Athanasopoulou E., Tombrou M., Pandis S. and Russel A.G.: Sea Salt Aerosols (SSA): impact on atmospheric pollution of the Attica peninsula, Greece, 6th UAQ, March 27-29, 2007, Limassol, Cyprus.
29. Bossioli E., Tombrou M., Dandou A., Athanasopoulou E. and Varotsos K.: “Influence of different PBL schemes on ozone predictions over the GAA”, 6th UAQ, March 27-29, 2007, Limassol, Cyprus.
30. Athanasopoulou Eleni, Tombrou Maria, Dandou Aggeliki and Spyros Pandis: A development of sea-salt aerosol emissions algorithm for PMCAMx model applications in the peninsula of Attica, Greece, 1st ACCENT Symposium, September 12-16, 2005, Urbino, Italy.
31. Athanasopoulou Eleni, Bossioli Elisavet and Tombrou Maria, 2004: Modeling of particulate matter in the Greater Athens Area by REMSAD model, HARMO 9, June 1-4, 2004, Garmisch-Partenkirchen, Germany. (1/2)
32. Protonotariou, A., Bossioli, E., Athanasopoulou, E., Dandou, A., Tombrou, M., Assimakopoulos, V.D, Flocas, H.A. and Helmis, C.G., 2004: Validation and inter-comparison of CALPUFF regulatory model to Eulerian models and measurements. An application over the Greater Athens Area, Greece, HARMO 9, June 1-4, 2004, Garmisch-Partenkirchen, Germany.

5. INVITED PRESENTATIONS

24/06/2021	Participation in GEO Virtual Symposium 2021 , Title: «Resilient and sustainable cities and human settlements»
17/06/2020	Invited talk in (virtual) 16th Summer School and SMURBS Training School 2020 , organized by RECETOX Dept., Masaryk University, Czech Republic, Title: «Human Exposure - Population exposure to air quality in cities: the case study of Hamburg and Athens»
11/12/2018	Invited talk in E2mC Workshop , Bled, Ljubljana, Title: «SMart URBan Solutions on air quality, disasters and city growth: the overview of SMURBS/ERA-PLANET and the integration of crowdsourcing in EO-based flood management»
26/06-01/07/2018	Mentor in 2^o Marathon for the Development of Innovative Services for Smart Cities and Digital Transformation
5-6/02/2018	Invited talk in 21st European Forum on Eco-Innovation , Sofia, Bulgaria. Title: «Residential wood burning and the smart cities approach in mitigating its impacts».

6. WORKSHOP – MEETING PRESENTATIONS ²

Eleni has participated in more than 30 scientific workshops, meetings, symposiums etc. Indicatively:

1. E. Athanasopoulou et al. (on behalf of SMURBS): PROGRESS AND MAJOR ACHIEVEMENTS: OUR MURAL, ERA-PLANET Annual Meeting 2020, 2 December, virtual meeting
2. E. Athanasopoulou et al. (on behalf of SMURBS): The contribution of NOA to the SDG monitoring: Population exposure to air pollution in Europe, Researchers Night 2019, 27 September, Athens, Greece
3. E. Athanasopoulou (on behalf of NOA): The contribution of SMURBS project to smart technologies through the exploitation of Earth Observations, Thessaloniki International Fair TIF 2018, 8-16 September, Greece
4. E. Athanasopoulou: Progress and Current status of SMURBS H2020 project, SMURBS Midterm Meeting MTR, 3-4 June 2019, Kyiv, Ukraine
5. E. Athanasopoulou: Progress and Current status of SMURBS H2020 project, SMURBS Annual Meeting PM1, 9-10 October 2018, Athens, Greece
6. E. Athanasopoulou: preliminary results on stakeholders' survey, SMURBS workshop on user needs, HZG, Hamburg, Germany, 27-28 March, 2018
7. E. Athanasopoulou: Work-plan and timeline of the SMURBS project, Kick off meeting ERA-PLANET, CNR, Rome, Italy, 9-11 October, 2017
8. E. Athanasopoulou, O. Speyer, E. Liakakou, M. Gratsea, E. Gerasopoulos, N. Mihalopoulos et al.: Residential wood combustion in athens since 2010: Impacts on air quality and Atmospheric variables, HAAR Annual meeting, NEO Messinia, 16 May 2016.

² The underlined titles were presented by E. Athanasopoulou

9. Elise Hendriks, Frans Snik, Christoph Keller, Eleni Athanasopoulou, Orestis Speyer, Evangelos Gerasopoulos, Vassilis Amiridis et al: ISPEX-EU: European citizens measure air pollution with their smartphone, **One Step BEYOND Workshop**, 15 October **2015**, Frascati (Italy).
10. Speyer Orestis, Athanasopoulou Eleni, Gerasopoulos Evangelos, 2014: COSMO-ART applications for the area of Greece: first results and on-going work, **16th COSMO General Meeting**, 8-11 September **2014**, Eretria (Greece)
11. Athanasopoulou Eleni, 2007: Study of particulate matter concentrations in the Greater Athens Area by means of numerical models, **1st Spring school in the framework of ECATS project**, March 11-14, **2007**, Manchester, UK
12. Athanasopoulou Eleni, 2007: Sea-Salt Aerosols (SSA): Impact On Atmospheric Pollution Of Greece, **3rd Geos-Chem Users' meeting**, Harvard University, April 11-13, **2007**, Boston, USA

7. MONOGRAPHS

1. Athanasopoulou E., 2009: Study of the atmospheric particulate matter at Attica (Greece) by numerical simulation, [DOI 10.12681/eadd/24295](https://doi.org/10.12681/eadd/24295), Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece (**Ph.D. thesis**)
2. Athanasopoulou E., 2003: Study of the atmospheric particulate matter at Attica (Greece) by numerical simulation, Division of Environmental Physics & Meteorology, Department of Physics, NKUA, Athens, Greece (**M.Sc. thesis**)
3. Athanasopoulou E., 2000: Study and analysis of a seismic attendance at the islands of Kos – Nisiros, Department of Geology, NKUA, Athens, Greece (**B.Sc. dissertation**)

8. REVIEWER – EVALUATOR

Eleni has reviewed 13 articles for publication in 5 scientific journals, 3 short articles for publication in a conference and 2 airborne research proposals

Scientific Journals	Atmospheric Chemistry and Physics (ACP)	5 articles
	Atmospheric Environment	3 articles
	Environmental Pollution	3 articles
	Journal of Environmental Management	1 articles
	Journal of Environmental Science and Health	1 articles
	Global Nest	1 articles
Conference Proceedings	COMECAP International Conference	4 articles
Funded Proposals	Scientific Reviewer for the European Facility for Airborne Research (EUFAR)	2 proposals

Scientific Research Projects	H2020 FET-OPEN - FETOPEN-01-2018- 2019-2020: FET-Open Challenging Current Thinking, Research and Innovation Actions (RIA)	Evaluator
	GSRT	