

# **CURRICULUM VITAE**

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## CURRICULUM VITAE

**Dr. Evangelos Gerasopoulos**

*Vice-President*

National Observatory of Athens

*Director*

Institute for Environmental Research  
and Sustainable Development

*Director*

Greek GEO Office



### Bio synopsis

Dr. Evangelos Gerasopoulos is an atmospheric physicist and senior Earth observation leader with long-standing experience at the interface of science, policy, international cooperation and operational environmental intelligence. He is the Director of the Institute for Environmental Research and Sustainable Development of the National Observatory of Athens (IERSD/NOA) since 2023, and serves as Vice-President of NOA's Board of Directors. He has served as Senior Researcher at NOA since 2006, as Research Director since 2011, following earlier research appointments at the Max Planck Institute for Biogeochemistry in Mainz, Germany (2001–2002), and the Environmental Chemical Processes Laboratory of the University of Crete (2004–2006). During his career at NOA, he progressively assumed major institutional and strategic roles, including Director of the Greek GEO Office (since 2014), the national focal point for Earth observation activities in Greece, and initiator and Head of NOA's Office for Innovation and Technology Transfer.

He studied Physics at the Aristotle University of Thessaloniki (1996) and received his PhD in the field of Atmospheric Physics and Dynamics (2003), from the same department. Over the course of his career, his expertise has evolved from atmospheric physics, aerosol processes and air-quality research towards a broader Earth observation and Earth system profile, integrating climate change, environmental health, urban sustainability, cultural and natural heritage protection, and policy-relevant decision support.

At NOA, he leads the [Atmospheric Physics and Chemistry Group](#) of IERSD and has served since 2014 as Director of the [Greek GEO Office](#), the national focal point for Earth observation activities in Greece. Through this role, he has strengthened Greece's engagement in GEO and progressively developed an international profile in Earth observation governance. He has acted as Head Delegate of Greece in GEO processes, has been a member of the GEO Programme Board since 2015, and was elected Co-Chair of the Programme Board in 2021. He is also a member of the EuroGEO High Level Working Group of the European Commission since 2017, contributing to the strategic connection between European Earth observation capacities and global GEO priorities. His GEO-related work has included both governance and thematic leadership. Since 2020, he has co-led, together with UNESCO's World Heritage Centre, the Urban Heritage Climate Observatory (UHCO) within the GEO Work Programme, introducing the dimension of Earth-observation-based cultural and natural heritage protection. He has also contributed to GEO's global effort to establish Resilient Cities and Human Settlements as a major engagement priority.

In Greece, he has served in high-level science-policy advisory roles, including as member of the Special Scientific Committee on Climate Change of the Ministry of Environment and Energy (2020-2022), and as member of the Sectorial Scientific Council for Environment and Energy of the National Council for Research and Technology (2014 - 2016). He is also a member of the Scientific Committee of the PANhellenic GEophysical Observatory of Antikythera (PANGEA). In January 2024, he was invited to serve as member of the Experts Scoping Group of the IPCC Special Report on Climate Change and Cities, reflecting the relevance of his expertise at the interface of climate, cities and Earth observation.

In his research career, he has published 144 publications in peer reviewed journals and 217 in conferences (6307 citations, h-index-48). He has participated in or coordinated 51 European and national projects, attracting more than €10 M to IERSD/NOA, including the coordination of the €10 M H2020 "SMURBS/ERA-PLANET" project that advanced Earth observation within the smart-city concept. In addition, as IERSD Director and thematic Principal Investigator, he has been responsible for the strategic prioritization, internal allocation, coordination and facilitation of central institutional funds directed to IERSD/NOA, amounting to €17.5 M. He has received more than 50 invitations for talks and participation in expert panels and session/panel moderation.

## A. General Information

### A1. Personal

Birth date:	April 11, 1974
Birth place:	Thessaloniki, Greece
Work address:	Institute for Environmental Research and Sustainable Development, National Observatory of Athens, I. Metaxa & V. Pavlou, P. Penteli (Lofos Koufou), 15236 Athens, Greece  tel: +30 210 8109124 fax: +30 210 8103236
E-mail:	<a href="mailto:egera@noa.gr">egera@noa.gr</a>
Web-site:	<a href="http://apcg.meteo.noa.gr/">http://apcg.meteo.noa.gr/</a>
Marital status:	Married, 3 children

## A2. Education

<b>1999 – 2003</b>	<b>Ph.D. in Physics</b> , Aristotle University of Thessaloniki, Department of Physics, Greece
<b>1996 – 1998</b>	<b>M.Sc. in Atmospheric Physics</b> , Aristotle University of Thessaloniki, Greece (9.44/10)
<b>1992 – 1996</b>	<b>Degree in Physics</b> , Aristotle University of Thessaloniki, Greece (8.70/10)
<i>Languages</i>	Greek (native) English (proficiency) German, French, Italian (basic)

## A3. Professional Occupation

<b>2023 – present</b>	Director of the <b>Institute of Environmental Research and Sustainable Development, National Observatory of Athens</b>
<b>2011 – 2023</b>	Research Director at the <b>Institute of Environmental Research and Sustainable Development, National Observatory of Athens</b> , in the field of " <i>Physics of the Atmospheric Environment</i> "
<b>2006 – 2011</b>	Senior Researcher at the <b>Institute of Environmental Research and Sustainable Development, National Observatory of Athens</b> , in the field of " <i>Physics of the Atmospheric Environment</i> "
<b>2004 – 2006</b>	Research fellow (post doctorate) in the field of " <i>Tropospheric Ozone - Optical Properties of Atmospheric Aerosols</i> " at the <b>Environmental Chemical Processes Laboratory, Chemistry Department, University of Crete</b> , Heraklion, Greece
<b>2003 – 2004</b>	Military Service (Ordnance Corps)
<b>2001 – 2002</b>	Research fellow in the field of " <i>Optical Properties of Atmospheric Aerosols</i> " at <b>Max-Planck Institute, Biogeochemistry Department</b> , Mainz, Germany.

1996 – 2001

Research fellow (PhD student) in the field of “*Atmospheric Physics*” at the **Laboratory of Atmospheric Physics**, and in the field of “*Environmental Radioactivity*” at the **Nuclear Physics Laboratory, Physics Department, Aristotle University of Thessaloniki**.

#### A4. Positions of Responsibility, Management and Strategic Design

1. Vice-President of the **Board of Directors of the National Observatory of Athens** (Jun 2025 – present)
2. Head of **Innovation and Technology Transfer Office** at the National Observatory of Athens, (Jun 2024 – present)
3. Member of **Experts Scoping Group of the IPCC Special Report on Climate Change and Cities**, (Jan 2024 – Apr 2024)
4. Co-Chair of the **[Programme Board](#)** of the intergovernmental **Group on Earth Observations (GEO)** (Sep 2021– present)
5. Member of the **Resilient Cities and Human Settlement Working Group of the intergovernmental Group on Earth Observations (RCHS-WG/GEO)** (Nov 2021 – present)
6. Member of the **[Coordination Unit](#)**, UN Flexible Mechanism (GR, UNESCO, UNFCCC, WMO) on “**Climate Change Impacts on Cultural and Natural Heritage**”, Greek Government (PM Office) (Jan 2021– present)
7. Member, as National Head Delegate, of the **Executive Committee of the intergovernmental Group on Earth Observations (GEO)** (2021– 2022)
8. Member of the **Steering Committee for the “Earth Observation Toolkit for Sustainable Cities and Communities”** of EO4SDG/NASA (Aug 2020 – Feb 2022)
9. Co-lead of the “**[Urban Heritage Climate Observatory - UHCO](#)**” **GEO Pilot Initiative/currently Convener in the post-2025 WPG**, in collaboration with UNESCO’s World Heritage Center (Jul 2020 – present)
10. Member of the **[Climate Change Working Group of the Group on Earth Observation](#)** (CC-WG/GEO) (Jun 2020 – present)
11. Co-chair of the **Urban Resilience Subgroup of the Group on Earth Observation Programme Board (URSG/GEO)** (Jan 2020 – Nov 2021)
12. Member of the **Special Scientific Committee on Climate Change**, Ministry of Environment and Energy (Jan 2020 – May 2021)
13. Member of the **Scientific Committee of the Panhellenic Geophysical Observatory of Antikythera (PANGEA)**, National Observatory of Athens/European Investment Bank (2020 – present)
14. Member of the **EuroGEO High Level Working Group (DG-RTD/EC)** (2017 – present)
15. Member of the **Board of the Hellenic Quality Assurance & Accreditation Agency (HQA)** (2017 – 2019)
16. Member of the **[Programme Board](#)** of the intergovernmental **Group on Earth Observations (GEO)** (2015 – present)
17. Member of the **Sectorial Scientific Council for the Environment and Energy** of the National Council for Research and Technology, Ministry of Education and Religious Affairs (2014 – 2016)

18. **Director of the [Greek GEO Office](#)** (2014 – present)
19. President of the **Scientific Advisory Board of the Institute for Environmental Research and Sustainable Development (IERSD/NOA)** (2014 – 2016)
20. Head of the **Secretariat and Public Relations Office of the Institute for Environmental Research and Sustainable Development (IERSD/NOA)** (2013 – 2014)
21. President of the **National Observatory of Athens Researchers Association** (2013 – 2016)
22. Vice-president of the **Scientific Advisory Board of the Institute for Environmental Research and Sustainable Development** (2012 – 2014)
23. Head of IERSD/NOA participation in the **European Research Infrastructure Network ACTRIS** (Aerosols, Clouds, and Trace gases Research InfraStructure Network) (2012 – present)
24. Editor in **Atmospheric Chemistry and Physics (ACP), EGU-Copernicus Pubs** (IF 5-year: 5.6) (2011 – 2022)
25. Member of the **[Steering Committee](#) of Navarino Environmental Observatory (NEO)** at Costa Navarino, Messinia-Greece, a collaboration between the Stockholm University, the Atmospheric Environment Division of the Biomedical Research Foundation of the Academy of Athens and T.E.MES A.S. (2010 - present)
26. Head and Quality Assurance Manager of the **Laboratory of Atmospheric Chemistry (Institute for Environmental Research and Sustainable Development, National Observatory of Athens)**, accredited by the Hellenic Accreditation System S.A. for air quality measurements and chemical analyses since March 2010, according to EL0T EN ISO/IEC 17025 (2007 - 2017)

## B. Research – Educational Activities

### B1. Research and Strategic Activity Areas

1. **Earth Observation for informed decision-making and societal impact:** exploitation of Earth observations, including in situ data, satellite observations, modelling, citizen science, low-cost sensors, UAVs, crowdsourcing and IoT-based observational platforms for policy-relevant applications, environmental intelligence, smart/official statistics and operational services.
2. **Climate variability, resilience and sustainability:** climate-change mitigation and adaptation, climate neutrality, climate-risk assessment, resilience planning, and climate impacts on urban systems, cultural and natural heritage, ecosystems and society.
3. **Urban sustainability and resilient cities:** EO-based smart-city applications, urban resilience, sustainable development, environmental exposure, nature-based solutions, urban greening, biodiversity, well-being, citizen science and science-policy interfaces for local decision-making.
4. **Atmospheric composition and air quality:** observation, modelling and interpretation of atmospheric gases, trace gases and particulate pollution; emissions, source–sink processes, photochemistry, transport, meteorology and stratosphere–troposphere exchange, with emphasis on environmental, health and policy relevance.
5. **Aerosol research and atmospheric processes:** physical, optical and chemical aerosol properties, source apportionment, transport dynamics, meteorology–radiation interactions, and assessment of aerosol impacts on climate, air quality, health, ecosystems and environmental radioactivity.

### B2. Research Infrastructure, Earth Observation Services and Operational Capacity Building

1. **Development and sustainable operation of environmental observation infrastructures:** leading or major involvement in the establishment, coordination, operation and long-term sustainability of national and international atmospheric and environmental observation sites, including PANGEA's in situ component at Antikythera and NOAA's ACTRIS-compliant urban atmospheric composition supersite at Thissio-Athens.
2. **Integration of satellite, in situ, modelling and citizen-generated data:** extensive experience in combining Copernicus services and satellite-derived products with ground-based observations, in situ measurements, modelling systems, smart sensors, crowdsourcing and citizen science to produce policy-relevant environmental intelligence (>15 research projects).
3. **Development of EO-based operational services, platforms and reusable knowledge assets:** leading the design and implementation of web-based platforms, decision-support tools and GEO Knowledge Hub resources translating, including the SMURBS SDG Indicator 11.6.2 Earth Observation Platform, the HSAQ/e-shape air-quality and health-surveillance pilot, the EIFFEL Urban Sustainability platform, Metronome (Net Zero Cities), and GEO Knowledge Hub packages developed through relevant research projects (e.g. EIFFEL, CIROCCO).
4. **Leadership in complex, data-intensive environmental monitoring activities, national and international experimental campaigns:** experience in designing, coordinating and exploiting multi-parameter observational activities combining trace-gas monitoring, aerosol in situ measurements, passive and active remote sensing, atmospheric composition measurements, satellite data and advanced data analysis; contribution to the coordination and implementation of field campaigns and community-scale observation activities (e.g. PANACEA, THALES, ISPEX Europe-wide citizen science campaign, CHARADMExp, ARGON, ACEMED/EUFAR and the international March 2006 total solar eclipse experiment, including scientific coordination of a related ACP Special Issue).

5. **Quality-assured laboratory and service capacity:** establishment and coordination of NOAA's Laboratory of Atmospheric Chemistry, accredited for air-quality measurements and chemical analyses according to ELOT EN ISO/IEC 17025, demonstrating experience in quality assurance, operational procedures and service-oriented environmental data production.
6. **Strategic development of modelling and analytical capacities:** strategic coordination and resource assurance for APCG's modelling component, covering Earth System, regional and city-scale modelling tools, and strengthening the group's capacity to connect observations, modelling, Copernicus services and policy-relevant environmental assessment.
7. **Translation of EO research into stakeholder-facing services through co-design:** demonstrated capacity to move from scientific development to operational or pre-operational platforms, co-designed with public authorities and users, supporting urban planning, climate neutrality, public-health protection, SDG monitoring, mitigation scenarios and evidence-based decision-making (e.g. eShape, EIFFEL, METRONOME EU projects).
8. **Advanced data analysis and interpretation:** strong background in statistical methods, time-series analysis, spatial analysis and the interpretation of complex environmental datasets in support of scientific assessment, operational services and policy-relevant applications.

### B3. Research Projects – Role – Funding Attraction

	<b>Project title</b>	<b>Funding source</b>	<b>Duration</b>	<b>Role/budget</b>
1	A multi-disciplinary global approach of groundwater flows in karstic areas and its consequences for water resources and environmental studies. CHRX-CT94-0567	Commission of the European Communities (Human Capital and Mobility)	1995-1997	Researcher
2	Assessment of capacity of soil gas radon in various fault zones for prediction of earthquake occurrence. IC15-CT96-0214	Commission of the European Communities	1998-2001	Researcher
3	<b>STACCATO</b> - Influence of <u>S</u> tratosphere- <u>T</u> roposphere Exchange in a <u>C</u> hanging <u>C</u> limate on <u>A</u> tmospheric <u>T</u> ransport and <u>O</u> xidation Capacity. EVK2-1999-00316	Commission of the European Communities	2000-2001	Researcher
4	<b>CRYOPLANE</b> - Liquid hydrogen fuelled aircraft - system analysis	European Commission – Research Directorate – General	2000-2002	Researcher
5	<b>EARLINET</b> - European aerosol research lidar	European Commission – Research	2002	Researcher

	network to establish an aerosol climatology	Directorate – General		
6	<b>PHOENICS</b> - Particles of human origin extinguishing natural solar irradiance in climate Systems	European Commission	2002-2004	Researcher
7	<b>CREATE</b> - Construction, use and delivery of a European Aerosol Database	European Commission	2004-2005	Researcher
8	Characterization of the physical and chemical parameters that control the climatic role of aerosols in the atmosphere over Eastern Mediterranean	EC and National Resources cofund, PYTHAGORAS I - EPAEK II	2004-	Principal Post-doc Researcher
9	Use of 3-D models for the study of the relative contribution of natural variability and anthropogenic factors on the levels and climatic role of aerosols and ozone in the E. Mediterranean	EC and National Resources cofund, PYTHAGORAS I - EPAEK II	2006	Researcher
10	<b>CIRCE</b> - Climate Change and Impact Research: the Mediterranean Environment	FP6 PRIORITY 1.1.6.3, Global Change And Ecosystem	2007-2012	Researcher
11	<b>ACL/NOA</b> - Upgrade of the Atmospheric Chemistry Laboratory of the National Observatory of Athens for the provision of chemical analyses and air pollutants measurement services, with emphasis on hazardous for public health chemical compounds (I)	3rd Community Support Framework, Operational Programme "Competitiveness", Greek Ministry of Development	2007-2011	<b>Coordinator</b> <b>IERSD/NOA budget 312.9 k€</b>
12	<b>CITYZEN</b> - megaCITY - Zoom for the ENvironment	FP7 - Collaborative Project, Small or medium-scale focused research project, ENV.2007.1.1.2.1. Megacities and regional hot-spots air quality and climate	2009-2011	<b>Principal Investigator for NOA,</b> <b>IERSD/NOA budget 100 k€</b>

13	<b>AMFIC</b> - Air Quality Monitoring and Forecasting in China	Space FP6 EU	2006-2009	Researcher
14	Intelligent urban mobility management and traffic control system for the improvement of the urban environment quality in the central area of Thessaloniki's agglomeration	Funding Mechanism, European Economic Area (FM-EEA) Grants, 2004-2009		Researcher
15	<b>THERMOPOLIS 2009</b> - Urban Heat islands (UHI) and Urban Thermography (UT)	European Space Agency	2009-2010	Researcher
16	<b>XENIOS</b> - Climate change impacts on the touristic development of sensitive areas in the Greek territory. Case study: Messinia – Integrated Tourism Development Areas	Co-operation, Strategic Reference Framework (NSRF) 2007-2013, Hellenic Ministry of Economy, Competitiveness and Shipping	2011-2013	<b>Principal Investigator for NOA, IERSD/NOA budget 183.6 k€</b>
17	<b>GNSE</b> - Greek Network of Solar Energy	Co-operation, Strategic Reference Framework (NSRF) 2007-2013, Hellenic Ministry of Economy, Competitiveness and Shipping	2011-2013	Researcher
18	Investigation of relations between chemical and optical properties of aerosols in the Greater Athens area	OP "Education and longlife learning Heraclitus II" , Ministry of Education, Longlife Learning and Religious Affairs	2009-2013	Co-supervisor of the PhD
19	Study of tropospheric aerosols using in-situ and satellite techniques, measurements and statistical analyses	OP "Education and longlife learning Heraclitus II" , Ministry of Education, Longlife Learning and Religious Affairs	2009-2013	Researcher
20	<b>NEO</b> - Navarino Environmental Observatory	Private funding (TEMES S.A.)	2010-2014	Member of Steering Committee,

				Principal Investigator for the atmospheric station
21	<b>ACEMED</b> - Evaluation of CALIPSO's aerosol classification scheme over Eastern Mediterranean	Transnational Access Project, European Fleet for Airborne Research (EUFAR)	2011-2012	Researcher
22	<b>LIVAS</b> - Lidar Climatology of Vertical Aerosol Structure for Space-Based Lidar Simulation Studies	European Space Agency	2011-2013	Researcher
23	<b>ACTRIS</b> - Aerosol, Clouds, and Trace gases Research Infrastructure Network	European Commission	2011–2016	Researcher, contact person for IERSD/NOA
24	Determination of the sources and the physico-chemical properties of fine and ultrafine particles that affect the regional climate of Greece	OP "Thales", Ministry of Education, Longlife Learning and Religious Affairs	2012-2015	Researcher
25	<b>ACL/NOA II</b> - Upgrade of the Atmospheric Chemistry Laboratory of the National Observatory of Athens for the provision of chemical analyses and air pollutants measurement services, with emphasis on hazardous for public health chemical compounds (II)	GSRT	2012-2013	<b>Coordinator</b> <b>IERSD/NOA budget</b> <b>58 k€</b>
26	<b>THESPIA</b> - Development of synergistic and integrated methodologies and tools for the observation, managements and forecast of environmental parameters and pressures	KRIPIS: National Strategic Reference Framework NSRF 2007 - 2013, GSRT	2013–2015	WP leader, Researcher
27	<b>BEYOND</b> - Building Capacity for a Centre of Excellence for EO-based monitoring of Natural Disasters	RegPot, European Commission	2013–2016	Researcher
28	Establishment of hydrometeorological in-situ sites at Hydroelectric	Private funding	2014-2015	<b>Principal Investigator for NOA,</b>

	Stations of the Hellenic Public Power Corporation	Hellenic Public Power Corporation		<b>IERSD/NOA budget 20 k€</b>
29	Implementation of measurements and analyses of environmental indices for "atmospheric quality" along the Egnatia Highway (N. Greece)	Private funding Egnatia S.A.	2015-2016	<b>Coordinator</b> <b>Total budget 85 k€</b> <b>IERSD/NOA budget 57.3 k€</b>
30	<b>ACTRIS II</b> - Aerosols, Clouds, and Trace gases Research InfraStructure Network	Horizon 2020	2015-2018	Researcher
31	<b>GEO-CRADLE</b> - 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	Horizon 2020	2016-2018	Researcher, WP leader, Liaison Head Officer
32	<b>SMURBS</b> - SMart URBan Solutions for air quality, disasters and city growth	Horizon 2020 ERA-NET cofund	2017-2021	<b>Coordinator</b> <b>Total budget 8.25 M€</b> <b>IERSD/NOA budget 1.8 M€</b>
33	<b>IGOSP</b> - Integrated Global Observing Systems for Persistent Pollutants	Horizon 2020 ERA-NET cofund	2017-2021	<b>Principal Investigator for NOA</b> <b>Total budget 9 M€</b> <b>IERSD/NOA budget 171 k€</b>
34	<b>PIRAEUS AQ</b> - Specialized measurements of atmospheric pollution in the extended area of Piraeus (with emphasis on the port area) – qualitative and quantitative sources apportionment	Programme Contract by Region of Attica	2017-2019	<b>Coordinator</b> <b>IERSD/NOA budget 89 k€</b>
35	<b>EMMISSION</b> - Environmental monitoring integrated system using an IoT network	NSRF Research-Create-Innovate 2014-2020	2018-2020	<b>Principal Investigator for NOA</b> <b>Total budget 820 k€,</b>

				<b>IERSD/NOA budget 241 k€</b>
36	<b>PANACEA</b> - Panhellenic infrastructure for atmospheric composition and climate change	NSRF Research-Creat-Innovate 2014-2020	2018-2021	<b>Principal Investigator for NOA</b> <b>Total budget 4 M€,</b> <b>IERSD/NOA budget 580 k€</b>
37	<b>e-shape</b> - EuroGEO Showcases: Applications Powered by Europe	Horizon 2020	2019-2023	<b>Principal Investigator for IERSD</b> <b>Total budget 15 M€,</b> <b>NOA budget 1.7 M€</b> <b>IERSD/NOA budget 291 k€</b>
38	<b>PANGEA</b> - PANhellenic GEophysical observatory of Antikythera	European Investmen Bank (EIB), Greece 2.0/Recovery and Resilience Facility (RRF), Public Investment Programme.	2020-2026	<b>Principal Investigator for the in-situ component (APCG)</b> <b>Total NOA budget 20.46 M€,</b> <b>IERSD/NOA budget 4 M€</b>
39	<b>EIFFEL</b> - Revealing the Role of GEOSS as the Default Digital Portal for Building Climate Change Adaptation & Mitigation Applications	Horizon 2020	2021-2024	<b>Principal Investigator for NOA</b> <b>Total budget 5 M€,</b> <b>NOA budget 593 k€</b> <b>IERSD/NOA budget 392 k€</b>
40	<b>RI-URBANS</b> - Research Infrastructures Services Reinforcing Air Quality Monitoring Capacities in European Urban & Industrial AreaS	Horizon 2020	2021-2025	<b>Co-Principal Investigator for NOA</b> <b>Total budget 8.45 M€,</b> <b>IERSD/NOA budget 355 k€</b>
41	<b>GAUSS</b> - Generating Advanced Usage of Earth Observation for Smart Statistics	European Space Agency	2021-2023	<b>Coordinator</b> <b>Total budget 400 k€,</b> <b>IERSD/NOA budget 120 k€</b>
42	<b>InCASE</b> - In Situ data for Climate Adaptation Showcases within EuroGEO	European Emvironmental Agency, Srvice Level Agreement	2021-2025	<b>Principal Investigator for NOA</b> <b>Total budget 750 k€,</b>

				<b>IERSD/NOA budget 168 k€</b>
43	<b>CiROCCO</b> - Enhancing the In-situ Environmental Observations across Under-sampled Deserts	Horizon Europe	2022-2025	<b>Principal Investigator for NOA</b> <b>Total budget 3.65 M€, NOA budget 482 k€</b> <b>IERSD/NOA budget 362 k€</b>
44	<b>Urban ReLeaf</b> - Citizen-powered data ecosystems for inclusive and green urban transitions	Horizon Europe	2022-2026	<b>Principal Investigator for NOA</b> <b>Total budget 5 M€, IERSD/NOA budget 315 k€</b>
45	<b>NOA-AEGIS</b> - Infrastructure for Security, Safety and Hazards Risk Resilience	European Investment Bank (EIB), Greece 2.0/Recovery and Resilience Facility (RRF), Public Investment Programme.	2022-2026	<b>Central funding to NOA – IERSD co-ordinator</b> <b>Total NOA budget 45.67 M€, IERSD/NOA budget 13.5 M€</b>
46	<b>GEO-IDEA</b> - Cross-cutting consultancy services for the European Environment Agency's (EEA) in-situ data activities concerning Copernicus and GEO and EuroGEO	European Environmental Agency, Service Level Agreement	2025-2026	<b>Principal Investigator for NOA</b> <b>Total budget 190 k€, IERSD/NOA budget 23 k€</b>
47	<b>L-Hellinikon</b> - Biodiversity assessment study and related environmental parameters – monitoring, improvement measures and co-benefits	Private funding – Lamda Development	2026-2029	<b>Coordinator</b> <b>Total IERSD/NOA budget 210 k€</b>
48	<b>AQ-Hellinikon</b> - Air Quality consultancy services at Hellenikon Metropolitan Park	Private funding – ENVECO S.A.	2026-2028	<b>Coordinator</b> <b>Total IERSD/NOA budget 50 k€</b>
49	<b>ECMWF-Health</b> - Copernicus Atmosphere Monitoring Service National Collaboration Programme (Cams NPC)	EU - ecmwf grant	2026-2028	<b>Co-coordinator</b> <b>Total budget 300 k€, IERSD/NOA budget 200 k€</b>
50	<b>ACTRIS-NEXT</b> - Aerosol, Clouds and Trace Gases Research Infrastructure: Next-Generation Interoperability,	Horizon Europe	2026-2030	<b>Principal Investigator for NOA</b> <b>Total budget 5 M€,</b>

	Sustainability and Global Integration			<b>IERSD/NOA budget 20 k€</b>
51	<b>Sirene - Services for envIRonmental Exposure and health assessmeNt in Europe</b>	Horizon Europe	2026-2031	<b>Principal Investigator for NOA</b> <b>Total budget 9.95 M€, IERSD/NOA budget 98 k€</b>

<b>Total funding attracted to NOA</b>	<b>10 M€</b>
<b>Strategic prioritization and management of central institutional funds allocated to IERSD/NOA</b> (incl. decision-making, internal allocation and coordination, resource allocation and facilitation)	<b>17.5 M€</b>

#### **B4. Contribution to Conferences' Organization**

1. **EEE International Geoscience and Remote Sensing Symposium – IGARSS 2024, Athens, Greece, 7-12 July 2024 (member of the local organizing committee), and IGARSS 2024 Summer School, Athens, Greece, 4-6 July 2024 (leading the organization of the Summer School)**
2. **EuroGEO Workshop 2022, organized by the European Commission and the Greek GEO Office, 4-9 December 2022 Athens, Greece (head of the local organizing committee)**
3. **11<sup>th</sup> International Aerosol Conference (IAC 2022), 4-9 September 2022, Athens, Greece (member of the local organizing committee)**
4. **15<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), Ioannina, Greece, 26-29 September 2021 (member of the scientific committee)**
5. **10<sup>th</sup> GEO European Projects Workshop, (GEPW-10), GEO-CRADLE's session "Regional dimension for GEO and capacity building priorities", Berlin, Germany, June 2016 (session co-organizer)**
6. **Mediterranean Climate Variability MEDCLIVAR 2016 Conference: Learning from the past, perceiving the present, engaging for the future, Athens, 26-30 September 2016 (member of the organizing, scientific and programe committees)**
7. **8<sup>th</sup> GEO European Projects Workshop (GEPW-8), Athens 2014 (co-organizer as Greek GEO Office Director, session chairman)**
8. **Mediterranean City 2014 "Adaptation Strategies to Global Environmental Change in the Mediterranean City and the Role of Global Earth Observations", under the auspices of the Greek EU Presidency and GEO, Athens, 10-11 June 2014 (member of the organizing and scientific committees, session chairman)**
9. **12<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), Heraklion, Greece, 28-31 May 2014 (member of the scientific committee, session chairman)**
10. **2nd South- Eastern Europe GEO Workshop "Integrating Earth Observation Data and Services for monitoring the Environment, protecting the citizens and stimulating the regional economic**

growth”, Athens 31 March - 1 April 2014 (co-organizer as Greek GEO Office Director, session chairman)

11. 11<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), Athens, Greece, 29 May – 1 Jun 2012 (member of the scientific committee, session chairman)
12. 10<sup>th</sup> International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP), Patras, Greece, 25-28 May 2010 (member of the scientific committee, session chairman)
13. Colloquium “Perspective of Greek Scientists in Polar Research”, in co-operation with the Maria Tsakos International Centre for Maritime Research and Tradition and the European Polar Bod/European Science Foundation (EPB/ESF), Athens, 24 November 2009 (head of the local organizing committee).

## **B5. Long-term, International Strategic Co-operations**

The list is not exhaustive and does not refer to short term partnerships within the frame of projects, rather to strategic collaborations in the frame of common scientific interest, research development and students exchange (in parenthesis the main domains of collaboration).

National Aeronautics and Space Administration (NASA), Earth Science Division, Washington, USA (Earth observation, sustainable development goals); Helmholtz-Zentrum (Geesthacht) Hereon (HZG), Institute for Coastal Research, Hamburg, Germany (chemistry transport modeling); University of Bremen, Institute of Environmental Physics and Remote Sensing, Bremen, Germany (remote sensing of trace gases); World Radiation Center, Physics and Meteorology Observations (PMOD/WRC), Davos, Switzerland (solar energy); World Heritage Center (WHC), UNESCO, Paris, France (climate change, cultural heritage); Justus-Liebig-Universitaet Giessen, Department of Geography Climatology, Climate Dynamics and Climate Change, Giesse, Germany (climate change); National Research Institute of Italy (CNR), Institute of Atmospheric Pollution Research – IIA, Italy (Earth observation, air quality); National Research Institute of Italy (CNR), Institute of Atmospheric Sciences and Climate (ISAC), Italy (climate change, cultural heritage); Cyprus Institute, Atmospheric and Climate Modeling Group, Nikosia, Cyprus (unmanned aerial vehicles); German Aerospace Center (DLR), German Remote Sensing Data Center, Atmosphere, Munich, Germany (Earth observation, satellite data); Scripps Institution of Oceanography, University of California San Diego, USA (environmental health); Max Planck Institute, Biogeochemistry Dept., Mainz, Germany (aerosol science); Stockholm University, Dept. of Applied Environmental Science, Stockholm, Sweden (aerosol science, sustainable development); Bert Bolin Centre for Climate Research, Stockholm, Sweden (climate change, sustainable development); Josef Stefan Insitute (JSI), Ljubljana, Slovenia (citizen science); Research Centre for Toxic Compounds in the Environment (RECETOX), Masaryk University, Czech Republic (environmental health); University of Geneva (UNIGE), Institute for Environmental Sciences, Geneva, Switzerland (Earth observation, sustainable development goals); Georgia Institute for Technology, Atlanta-Georgia, USA (aerosol science and instrumentation); École Polytechnique Fédérale de Lausanne (EPFL), Laboratory of Atmospheric Processes and their Impacts (LAPI), (aerosol-cloud interactions, cloud condensation nuclei, aerosol oxidative potential, modelling and ACTRIS-related experimental activities); European Environmental Agency (EEA), (tender-framed consultancy on loss-and-damage, climate adaptation, biodiversity)

At the national level this list would include almost all research and academic entitites active in the domain of interest.

## B6. Teaching Experience – Seminars

1. 2021-present: MSc in “Protection of Cultural Heritage and Monuments of Nature from the Effects of Climate Change”, Hellenic Open University (HOU), responsible for subject “Telematics and metrics”.
2. 16th Recetox Summer School and SMURBS Training School, Recetox, Masaryk University, 15-19 June 2020
3. 2018: Seminar on “Exploitation of Earth Observation and Novel Observational Platforms for Smart City Applications”, Physics Department, National and Kapodistrian University of Athens, 24 May 2018.
4. 2015-present: MSc in “Cultural Heritage Materials and Technologies”, coordination and teaching of the course "Environmental and Remote Studies for Cultural Heritage", teaching in courses "Field Prospection and Computing Technologies for Cultural Heritage", and "Computing Practices: GIS, Statistical Analysis and Computing Aided Applications", (<http://culttech.uop.gr/>).
5. 2015-2018: MSc in “Space Science Technologies and Applications”, coordination and teaching of the course "Earth System Science", teaching in course "Space Applications", (<http://space.uop.gr/>).
6. 2012: Seminar on "Eastern Mediterranean: Natural lab for gas and particulate pollution studies special features and impacts on regional climate" within the frame of MSC in Environmental Physics, Department of Physics National Kapodistrian University of Athens.
7. 2007: Seminar on "Climatic Impacts of Aerosols and GHGs" within the seminar series entitled "Evaluation and Adaptation Strategies for Natural Disasters" organized by the National Centre for Public Administration and Local Government and the UNESCO Chair for Natural Disasters.
8. 2006-2007: Teaching within the frame of the course entitled "Basics in Atmospheric Physics", Department of Geology and Geoenvironment, National Kapodistrian University of Athens.
9. 2004-2005: Contribution in lectures on “Special Chapters of Atmospheric Chemistry”, Environmental Chemistry Post Graduate Programme, Chemistry Department, University of Crete.
10. 1999-2003: Teaching and laboratory exercises within the frame of the Atomic and Nuclear Physics Laboratory, Physics Department, Aristotle University of Thessaloniki.

## B7. PhD, MSc Supervising Committees

Member of Supervising Committees of PhD Theses:

1. Dimitris Mitsos, *Erosion of Cultural Heritage Monuments and Atmospheric Pollution: Acquisition of Analytical and Environmental Data and Development of a Digital Management System*, University of Peloponnese, Department of Digital Systems, (Prof. V. Pouloupoulos, Dr. E. Gerasopoulos, Dr. A. Karydas), 2022-present.
2. Marina Nastou, *Protecting cultural heritage from the impacts of climate change*, Hellenic Open University, School of Applied Arts, (Prof. S. Zerefos, Prof. Loukaki Argyro, Dr. E. Gerasopoulos), 2020-present.
3. Anastasia Kakouri, *Synergy of Earth observations and geoinformatic tools to meet the need for decision-making at urban and intra-urban scales, in the field of atmospheric pollution and population exposure*, University of the Aegean, Department of Environment (Dr. E. Gerasopoulos, Prof. C. Matsoukas, Prof. I. Spilanis), 2020-2025.
4. Lida Dimitriadou, *Biometeorological perspectives and environmental impacts on cardiorespiratory mortality over Europe. Present and future trends*, National Kapodistrian

University of Athens, Geology Department (Prof. P. Nastos, Dr. E. Gerasopoulos, Prof. G. Chroussos), 2018-2022.

5. Myrto Gratsea, *Remote sensing techniques for the assessment of time and spatial distribution of Athens' urban pollution*, University of Crete, Chemistry Department (Dr. E. Gerasopoulos, Prof. N. Mihalopoulos, Dr. S. Kazadzis), 2014-2021.
6. Panagiotis Raptis, *Methodologies on characterizing optical properties of Aerosols and Trace Gases, using spectral measurements of Solar Irradiance*, National Kapodistrian University of Athens, Physics Department (Prof. K. Chelms, Dr. S. Kazadzis, Dr. E. Gerasopoulos), 2014-2019.
7. Despina Paraskevopoulou, *Correlation of chemical properties with optical and climatic parameters of aerosols in the area of Athens*, University of Crete, Chemistry Department (Prof. N. Mihalopoulos, Dr. E. Gerasopoulos, Prof. M. Kanakidou), 2009-2014.

Supervisor of MSc Theses:

1. Odysseas Vlachopoulos, *Synergy of Earth Observations with other smart, monitoring platforms (e.g. UAVs) for precision farming: The case of vineyards in Greece*, MSc in Space Science Technologies and Applications, 2017.
2. Dimitrios Mitsos, *Chemical Characterization of Black Crust on Historic Monuments and Link to Air Pollution: the Case of Cipollino Marble*, MSc in Cultural Heritage Materials and Technologies, 2016.
3. Arezina Sakka, *Study of the Spatial Differentiation of Antiquities' Exposure to Aerosols in Greece, using Space-Borne Remote Sensing*, MSc in Cultural Heritage Materials and Technologies, 2016.

## **B8. Participation in Scientific Unions**

1. Hellenic Association of Aerosol Research
2. American Geophysical Union
3. European Geophysical Union

## C. Scientific Records – Publications

### C1. PhD Thesis – Monographies

1. PhD Thesis title “Study of stratospheric air fluxes into the troposphere with the use of  $^7\text{Be}$  and  $\text{O}_3$ ”, 2003

### C2. Publications in Peer Reviewed Journals

The publication record reflects an evolution from core atmospheric physics, aerosol processes and air-quality science towards integrated Earth Observation (EO) applications addressing climate, health, urban resilience and sustainable development. Early work focused on atmospheric composition, aerosol properties, transport processes, radiation interactions and air-pollution dynamics, providing a strong scientific basis in environmental observing systems. This gradually expanded to the synergistic use of in situ measurements, satellite observations, remote sensing, modelling, low-cost sensors and citizen-generated data for high-resolution environmental assessment. More recent publications demonstrate a transition towards policy-relevant and operational applications, including urban air-quality mapping, exposure and health impacts, SDG 11.6.2 localisation, climate-adaptation indicators, urban biodiversity, cultural-heritage protection, and the development of data-intensive approaches that translate EO into actionable knowledge for cities, public authorities and international initiatives.

1. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A. and Gerasopoulos E., (1998). Transfer of Cesium-137 from soil to plants in Greece. *Radiat. Prot. Manag.* 15(1), p.p 41-44
2. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (1999). Background radiation measurements in the Lower Atmosphere before and after Chernobyl. *J. Environ. Radioactivity.* 42(1), p.p 87-92, [https://doi.org/10.1016/S0265-931X\(98\)00036-8](https://doi.org/10.1016/S0265-931X(98)00036-8)
3. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (1999). Soil-to-plant transfer of  $^{137}\text{Cs}$ ,  $^{40}\text{K}$  and  $^7\text{Be}$ . *J. Environ. Radioactivity.* 45(1), p.p 59-65, [https://doi.org/10.1016/S0265-931X\(98\)00077-0](https://doi.org/10.1016/S0265-931X(98)00077-0)
4. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (1999). Radon Measurements in Association with Earthquakes. *Il Nuovo Cimento.* Vol. 22C, N. 3-4.
5. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (2000). Characterization of a karstic system by examining the occurrence of radioactive nuclides and trace elements. *Nuovo Cimento C*, 23, p.p 411-422
6. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (2001). Coloured rain dust from Sahara Desert is still radioactive. *J. Environ. Radioactivity*, 55, p.p.109-112, [https://doi.org/10.1016/S0265-931X\(00\)00182-X](https://doi.org/10.1016/S0265-931X(00)00182-X)
7. Zanis P., Zerefos C.S., Gilge S., Melas D., Balis D., Ziomas I., Gerasopoulos E., Tzoumaka P., Kaminski U., and Fricke W., (2001). Comparison of measured and modelled ozone and nitrogen oxide concentrations at two different sites in Europe during the solar eclipse on August 11, 1999, *Atmospheric Environment*, 35 (27), p.p 4663-4673, [https://doi.org/10.1016/S1352-2310\(01\)00116-9](https://doi.org/10.1016/S1352-2310(01)00116-9)
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9. Papastefanou C., Manolopoulou M., Stoulos S., Ioannidou A., and Gerasopoulos E., (2001). Radon measurements along active faults in the Langadas Basin, northern Greece, *Natural Hazards and Earth System Sciences*, 1, p.p.159-164, <https://doi.org/10.5194/nhess-1-159-2001>
10. Kouvarakis G., Vrekousis M., Mihalopoulos N., Kourtidis K., Rappengluck B., Gerasopoulos E. and Zerefos C.S., (2002). Spatial and temporal variability of tropospheric ozone (O<sub>3</sub>) in the boundary layer above the Aegean Sea (Eastern Mediterranean), *J. Geophys. Res.-Atmospheres*, 107 (0), 8141, <https://doi.org/10.1029/2000JD000081>
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### C3. Publications in International Conferences – Symposia

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180. Kakouri, A., Karagiannis, D., Athanasopoulou, E., Speyer, O., Bailey, J., Gerasopoulos, E., High resolution mapping of population exposure to PM<sub>2.5</sub> for use in public health assessments, **11th International Aerosol Conference IAC 2022**, Athens, Greece, 4-9 Sep 2022.
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  188. Speyer, O., Kakouri, A., Grivas, G., Athanasopoulou, E., Gerasopoulos, E., Innovative in situ and other Earth Observation platforms for air quality official statistics: the GAUSS project, **Conference on New Techniques and Technologies for Statistics (NTTS 2023)**, Brussels, Belgium, 7-9 March 2023.
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  191. 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 method to derive high-resolution emissions for urban-scale air quality modeling. **20th GEIA Conference 2023**, Brussels, Belgium, 21-23 June 2023
  192. Poupkou A., Kontos S., Liora N., Tsioulos D., Kapsomenakis I., Solomos S., Liakakou E., Athanasopoulou E., Diapouli E., Progiou A., Kalabokas P., Melas D., Gerasopoulos E., Zerefos C., Evaluation of simulated atmospheric PM chemical composition in Athens - Organic aerosols formation sensitivity tests, **International Conference of Hellenic Meteorological Society Comecap 2023**, Athens, Greece, 25-29 Sep 2023
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208. Athanasopoulou, E., Karagiannis, D., Papangelis, G., Kotroni, V., Lagouvardos, K., Gerasopoulos, E., Health-related atmospheric aerosol over an urban hotspot in the Mediterranean: model performance and insights for different urban parameterizations during heat stress periods, **18<sup>th</sup> Plinius Conference on Mediterranean Risks**, Chania, Greece, 30 September-3 October 2024.
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210. Keramitsoglou, I., Bouikidis, A., Urban, A., Geletic, J., Katsouyanni, K., Samoli, E., Analitis, A., Tragaki, A., Toli, E., Koltsida, P., Votsi, N.E.P., Gerasopoulos, E., Zerefos, C., Solomos, S., Spyrou, C., Cheval, S., Zervas, K., Tzimpoula, E., Cipolletta, G., Kiranoudis, C., DT-HEAT: Advancing Urban Heat Resilience with DestinE Digital Twin Components, **ESA Digital Twin Earth Components: Open Science Meeting – Destination Earth**, Frascati (Rome), Italy, 3–5 February 2025.
211. Michailidou, D.E., Votsi, N.E.P., Speyer, O., Gerasopoulos, E., Disaggregation of Mountain Green Cover Index reveals mountain land degradation at sub-national scale: a case study in Greece, **BioSpace25**, ESA/ESRIN, Frascati (Rome), Italy, 10–14 February 2025.
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214. Grivas, G., Liakakou, E., Stavroulas, I., Kalkavouras, P., Tsagkaraki, M., Bougiatioti, A., Gerasopoulos, E., Mihalopoulos, N., A holistic approach to assess the impact of port activities

on air quality: The case of Piraeus Port, Greece, **European Aerosol Conference 2025**, Lecce, Italy, 31 August-5 September 2025.

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216. Kaskaoutis, D., Petrinoli, K., Grivas, G., Kalkavouras, P., Tsagkaraki, M., Tavernaraki, K., Papoutsidaki, K., Stavroulas, I., Paraskevopoulou, D., Bougiatioti, A., Liakakou, E., Sotiropoulou, R., Tagaris, E., Gerasopoulos, E., Mihalopoulos, N., Optical and chemical properties of smoke aerosols from peri-urban wildfires in Athens, **European Aerosol Conference 2025**, Lecce, Italy, 31 August-5 September 2025.
217. Kimourtzi, M., Grivas, G., Chatzidiakos, C., Bougiatioti, A., Paraskevopoulou, D., Athanasopoulou, E., Votsi, N., Tsiotra, I., Koukoulis, A., Raptaki, E., Hager, G., Harwell, T., Moorthy, I., **Gerasopoulos, E.**, Pedestrian mobile monitoring of Black Carbon and Ultrafine Particles in central Athens: Highlighting the benefits of urban greenspaces, **iCACGP-IGAC 2026 International Conference**, Heraklion, Greece, 6-11 September 2026, accepted.

#### C4. Technical/Scientific Reports – Books – Other publications

1. Kallos, G. et al. (2013). Mechanisms of Climate Variability, Air Quality and Impacts of Atmospheric Constituents in the Mediterranean Region. In: Navarra, A., Tubiana, L. (eds) Regional Assessment of Climate Change in the Mediterranean. Advances in Global Change Research, vol 50. Springer, Dordrecht. [https://doi.org/10.1007/978-94-007-5781-3\\_4](https://doi.org/10.1007/978-94-007-5781-3_4).
2. The environmental, economic and societal impacts of climate change in Greece, Bank of Greece, June 2011, ISBN 978-960-7032-49-2, co-author of 1<sup>st</sup> chapter "The climate of the Eastern Mediterranean and Greece: past, present and future".
3. Gerasopoulos E., Liakakou E., Psiloglou B., Lianou M., Mihalopoulos N., Solomos S., Marinou E., Amiridis V., Kontoes C., "Airborne concentrations of gas and particle pollutants over the greater Athens area after the fire accident at the recycle factory of Aspropyrgos", Environmental Impact Assessment Report prepared by NOA on behalf of the Region of Attica, Directorate of Environment, PART 1 "In situ measurements", June 2015.
4. Gerasopoulos E., Solomos S., Liakakou E., Psiloglou B., Lianou M., Mihalopoulos N., Marinou E., Amiridis V., Kontoes C., , "Airborne concentrations of gas and particle pollutants over the greater Athens area after the fire accident at the recycle factory of Aspropyrgos", Environmental Impact Assessment Report prepared by NOA on behalf of the Region of Attica, Directorate of Environment, PART 2 "Chemical analysis and numerical modeling", July 2015.
5. Gerasopoulos E., Liakakou E., Psiloglou B., Roukounakis, N., Antoniadis, A., Terzopoulou, E., Valari, M., Goutsikostas, D., "Implementation of measurements and analyses of environmental indices for "atmospheric quality" along the Egnatia Highway (N. Greece)", 1<sup>st</sup> Technical Report on winter measurements campaign and carbon footprint estimation methodology, December 2015.
6. Gerasopoulos E., Liakakou E., Psiloglou B., Roukounakis N., Gratsea M., Antoniadis, A., Terzopoulou, E., Valari, M., Goutsikostas, D., Melas, D., Poupkou, A., Giama, E., Liora, N., Stergiou, I., Giannaros, C., Dimopoulos, S.: "Implementation of measurements and analyses of environmental indices for "atmospheric quality" along the Egnatia Highway (N. Greece)", 2<sup>nd</sup> Technical Report on summer measurements campaign, carbon footprint software and environmental indices, August 2016.
7. 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.

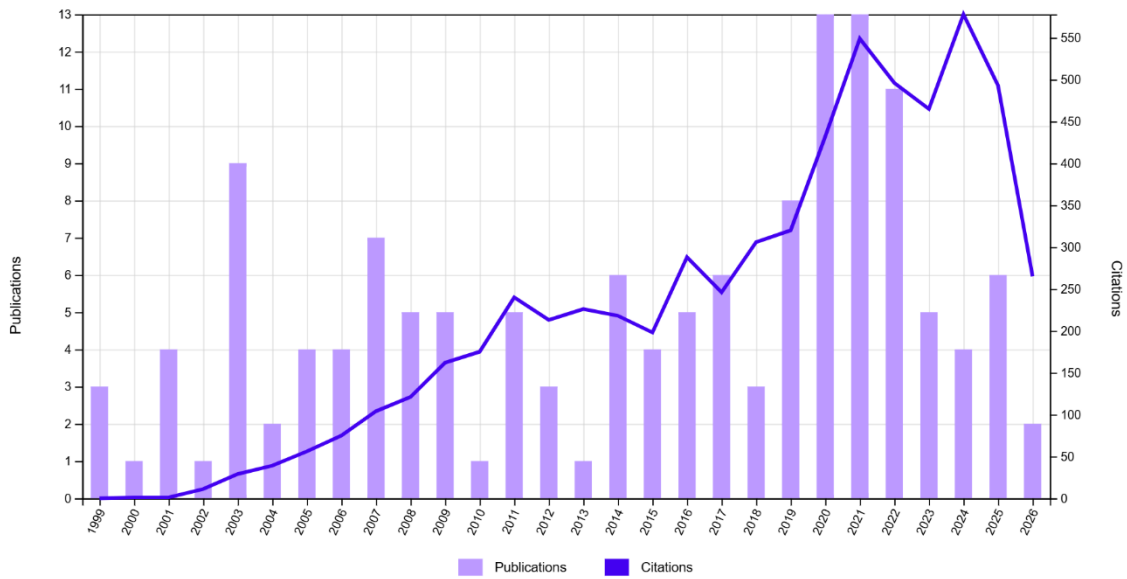
8. Climate change in Mediterranean World Heritage cities, 2025 (ISBN: 978-92-3-100770-5).  
Editors: Julie Caveney Wickenden, Published in: UNESCO. Hosagrahar J., Kocjan D., Sliwinska Z., Etowar V., Vinogradova M., Clark M., Gerasopoulos E., Votsi N.-E.P., Sakka A., Bailey J., Koukoulis A., Zerefos C., Solomos S., Kapsomenakis J., Douvis K.

## D. Recognition of Scientific & Research Work

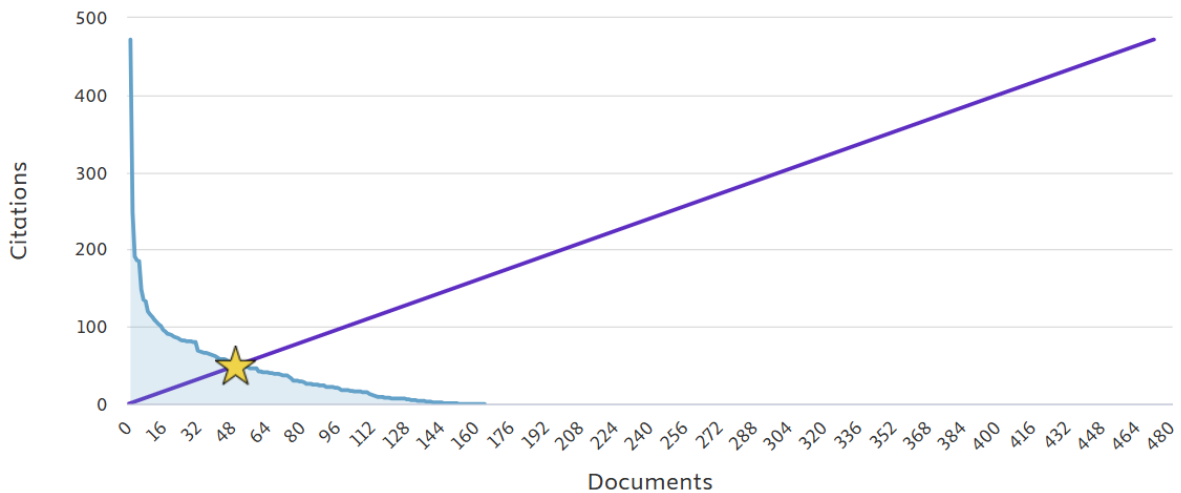
### D1. Citations και h-index

The scientific work of Dr. Evangelos Gerasopoulos, with 144 publications in peer-reviewed journals and 217 in conferences, accumulates **6307 citations (44.73 per publication)** of which **5617 without self-citations**. His **h-index is 48**. (164 publications, h-index 50, in Scopus).

*{source: Web of Science, Jun 2026}*



**Figure 1:** Publications and total citations per year *{source: Web of Science, Jun 2026}*



**Figure 2:** h-index graph *{source: Scopus, Jun 2026}*

## **D2. Delegations**

1. National Delegation Head at GEO Symposium / GEO-21 Plenary “Investing in Earth Intelligence for a Resilient Future”, WMO, Geneva, **(26–28 May 2026)**
2. National Delegation Head at GEO Symposium 2024 “Earth Intelligence in Action”, Hangzhou, China **(23–26 September 2024)**
3. National Delegation at COP28 Greek Pavilion, online presenter “Flexible Mechanism Survey – Urban Heritage Climate Observatory (UHCO)”, Dubai, UAE, **(4 Dec 2023)**
4. National Delegation Head at GEO Week 2023 “The Earth is Talking. It’s Time to Listen”, Cape Town, **(6–10 November 2023)**
5. National Delegation Head at GEO-Week 2022/Plenary “Global Action for Local Impact”, Accra, Ghana **(31 Oct - 4 Nov 2022)**
6. National Delegation Head at GEO-Week 2021/Plenary “Accelerating Action”, **(22 - 26 Nov 2021, online due to Covid)**
7. National Delegation at COP26 (European side events) “Addressing climate change impacts on cultural and natural heritage”, organized by the Greek Government - Coordination Unit of the Greek Initiative at UN, Brussels, Belgium **(1 - 2 Nov 2021)**
8. National Delegation Head at GEO-Week 2020/Plenary, **(2 - 6 Nov 2020, online due to Covid)**
9. National Delegation Head at GEO Week 2019/Plenary and Ministerial Summit, Canberra, Australia **(4 - 8 Nov 2019)**
10. National Delegation Head at GEO Week 2018/Plenary, Kyoto, Japan **(29 Oct - 2 Nov 2018)**
11. National Delegate at GEO XIV Plenary Session (GEO-XIV), Washington, U.S.A. **(23 - 27 Oct 2017)**
12. National Delegate at GEO XIII Plenary Session (GEO-XI), St Petersburg, Russia **(7 - 10 Nov 2016)**
13. National Delegate at GEO XI Plenary Session (GEO-XI), Geneva, Switzerland **(13 - 14 Nov 2014)**
14. National Delegate at the Plenary Meeting of the European Polar (EPB) Board - European Science Foundation (ESF), Brussels, Belgium **(15 Oct 2009)**
15. Delegate on behalf of the Academy of Athens at the European Academies Science Advisory Council (EASAC), Scoping Workshop on Biofuels, Royal Netherlands Academy of Arts and Sciences (KNAW), Amsterdam, Netherlands, **(27 Mar 2008)**

## **D3. Invited Talks – Expert Panels – Moderation**

1. GEO Symposium / GEO-21 Plenary, speaker in the 2026 GEO Symposium Opening Session as Co-Chair of the GEO Programme Board; speaker in the Town Hall “Exploring New Models for Implementing the Post-2025 GEO Work Programme”; closing speaker in the GEO Symposium Closing Session; speaker in GEO-21 Plenary Session 4 presenting the GEO Work Programme update on behalf of the GEO Programme Board **(WMO, Geneva, Switzerland, 26-28 May 2026)**
2. EuroGEO Workshop 2025, speaker/panelist in the Climate, Energy and Urbanisation session, representing the Urban Heritage Climate Observatory (UHCO) and addressing the urban impact of climate change on heritage buildings **(The Hague, Netherlands, 13-15 October 2025)**
3. International Conference on Sustainable Cities: Interdisciplinary Approaches, Athens University of Economics and Business, moderator of the panel “Climate Science to Urban Resilience –

Integrating Modeling, Energy Systems, and Infrastructure for Future-Proof Cities” (Athens, Greece, 27 June 2025)

4. European Statistical Advisory Committee – National Users Councils, ESAC–NUCs Workshop, Hellenic Statistical Authority, invited speaker with the presentation “Existing climate adaptation frameworks and the role of Earth Observation (EO)” (Athens, Greece, 26-27 March 2025)
5. GEO Symposium and Open Data & Open Knowledge Workshop 2024, opening speaker as Co-Chair of the GEO Programme Board; moderator of the Plenary Session “Transformative Programmes for GEO” (Hangzhou, China, 23-26 September 2024)
6. IEEE International Geoscience and Remote Sensing Symposium – IGARSS 2024, Session Co-Chair of “Addressing Urbanites’ Wellbeing in a Holistic Manner within the SDGs’ Frame II” (Athens, Greece, 7-12 July 2024)
7. COP28 Greek Pavilion, final speaker at the event “The Greek initiative at UN level for the protection of cultural and natural heritage from the impacts of climate change: existing situation and next steps”, presenting the Flexible Mechanism Survey and the Urban Heritage Climate Observatory (UHCO) (Dubai, United Arab Emirates, 4 December 2023)
8. GEO Week 2023 / GEO-19 Plenary, speaker and panelist in the plenary session “Bridging the Gap: GEO’s Coordinated Approach to National and Global Engagements”, presenting the Greek GEO Office model and national coordination experience (Cape Town, South Africa, 6-10 November 2023)
9. EuroGEO Workshop 2023, co-chair and panelist in the Opening Session on national GEO activities; co-chair of the Urban Action Group meeting; speaker and panelist in the Closing Session on optimizing EuroGEO’s positioning and contribution to GEO (Bolzano, Italy, 2-4 October 2023)
10. “MemCCSea Final Dissemination & Networking Event” Opportunities and Challenges for the Decarbonization of the Maritime Sector (14 October 2022)
11. CURE stakeholder workshop (Copernicus for Urban Resilience in Europe), Council for European Municipalities and Regions (CEMR), Brussels, Belgium (17 Oct 2022)
12. Region of Attica Conference “Adaptation to Climate Change - Policies, Plans and Implementation”, talk on “Climate change observatory as a tool for monitoring and evaluating the adaptation measures”, Athens, Greece, (22 Jun 2022)
13. EXPANDEO and Fire Forum 2022 “Where the market meets - Unlocking the full potential of Earth Observation in Europe”, Urban Sector Lead, panelist in sessions (a) “Getting there” – Deep dive in the latest R&D trends and priorities and (b) Fighting climate change in urban environment: a multi-scalar endeavor, European Association of Remote Sensing Companies (EARSC), Brussels, Belgium (14 - 15 Jun 2022)
14. UNESCO’s Expert Meeting “Heritage from Space for Peace”, contributor as GEO expert, online (7 Jun 2022)
15. Living Planet Symposium 2022 “Taking the pulse from our planet to space”, panelist in session “Future for Heritage”, Bonn, Germany (23 - 25 May 2022)
16. GEO Virtual Symposium 2022, speaker/chair in the session “Urban Fabric: A Complex and Opportune Nexus”, presenting GEO’s Resilient Cities and Human Settlements engagement priority and its implications for the next GEO Work Programme (online, 4-5 May 2022)
17. STRENCH 2<sup>nd</sup> International Conference “Strengthening resilience of Cultural Heritage at risk in a changing environment through proactive transnational cooperation”, talk on “Coordinating Earth observation exploitation for Cultural Heritage at the global scale: the Urban Heritage Climate Observatory Initiative”, online (24 Feb 2022)
18. Scientific advisory Group on Aerosol (SAG), Global Atmospheric Watch/World Meteorological Organisation (GAW/WMO), contributor as GEO expert, online (24 Jan 2022)

19. TMM-CH “Transdisciplinary Multispectral Modelling and Cooperation for the Preservation of Cultural Heritage Recapturing the World in Crisis” 2<sup>nd</sup> International Conference, panelist in session “Resilience to Climate Change, Natural Hazards and Pandemic Risks – Biosafety”, Eugenides Foundation Athens, Greece **(13 - 15 Dec 2021)**
20. Sustainable City Network, Annual Conference and General Assembly, talk on “Monitoring air quality in the frame of Living Streets”, Athens, Greece **(16 Dec 2021)**
21. GEO-Week 2021/Plenary “Accelerating Action”, moderator of Plenary Session “Engaging the GEO Community”, talk on “Resilient Cities and Human Settlements Engagement Priority”, online **(22 - 26 Nov 2021)**
22. COP26 (European side events) “Addressing climate change impacts on cultural and natural heritage”, panelist in session “Challenges and prospects on management of cultural and natural heritage in the context of climate crisis”, organized by the Greek Government - Coordination Unit of the Greek Initiative at UN, Brussels, Belgium **(1 - 2 Nov 2021)**
23. National Documentation Centre (EKT) Real Skills for Scientists webinars “Strengthening the skills of young researchers in Natural Sciences and Mathematics”, presenter and panelist, online **(11 Nov 2021)**
24. The Mediteranian Hybrid Forum 2021 "Circle the Med", presenter and panelist in session “Cultural Heritage”, online **(18 - 022 Oct 2021)**
25. EuroGEO Workshop 2021 “Environmental Observation-based solutions to support the EU Green Deal”, talk on “Resilient Cities and Human Settlements: a new engagement priority for GEO”, online **(21 Sep 2021)**
26. EU’s OMC 4<sup>th</sup> Meeting, Council work plan for Culture 2019-2022 - Cultural Heritage and adaptation to climate change, talk on “Urban Heritage Climate Observatory” **(13 - 14 Sep 2021)**
27. Copernicus Workshop on “Cultural & Natural Heritage & Climate Challenges”, panelist in session “Cultural and Natural Heritage Requirements for Climate Change Adaptation”, ECMWF/C3S, online **(1 - 2 Jul 2021)**
28. GEO Virtual Symposium 2021 “Strengthening inclusive partnership across the GEO WP”, moderator of plenary session “Resilient Cities and Human Settlements”, Online, **(21 - 24 Jun 2021)**
29. EXPANDEO and Fire Forum 2021 “Where the market meets”, Plenary, Urban Sector Lead, panelist in session “Urban planning in the digital age”, European Association of Remote Sensing Companies (EARSC), online **(16 - 17 Jun 2020)**
30. Blue Shield Cultural Heritage Awareness Webinars, talk in session “Cultural heritage and Climate Change”, University of Nicosia and University of Athens, online **(9 Mar 2021)**
31. EURISY workshop on "Space for cities: from innovation to operation", talk on “Monitoring air quality in cities: the SMURBS SDG indicator 11.6.2 Earth Observation Platform”, online **(27 Oct 2020)**
32. Dialogues Stavros Niarhos Foundation (SFN) “Climate Change: Reality, use and abuse of the term” Athens, panelist, Athens, Greece **(29 Jan 2020)**
33. GEO Symposium 2019, moderator of session “Earth Observations for Health and Urban Resilience”, Geneva, Switzerland **(27 - 29 May 2019)**
34. Central Union of Municipalities of Greece (KEDE), City Challenge Crowdhackathon #Smartcity 3, mentor **(10 - 12 May 2019)**
35. “Challenges and Opportunities for a New Economy in the Context of Climate Change: Promoting Innovation for Sustainable Development” organized by the Navarino Environmental Observatory (NEO) and the Swedish Embassy, under the auspices of the Presidency of the

- Hellenic Republic (Mr Pavlopoulos) and HRH Crown Princess Victoria of Sweden, session moderator “Climate smart investments: driving transformations in Europe in 21st century”, Academy of Athens (**3 May 2019**)
36. KEDE City Challenge Crowdhackathon #Smartcity 2, mentoring (**28 Jun - 1 Jul 2018**)
  37. Region of Attica Workshop on “Environment and development in the extended region of Piraeus: environmental impacts and perspectives”, talk on “Specialized measurements of air pollution in the port of Piraeus – qualitative and quantitative sources apportionment, Piraeus, Greece (**21 Nov 2018**)
  38. Copernicus for Future Cities Workshop, talk on “Smart Urban Solutions for air quality, disasters and city growth (SMURBS)”, DG GROW, Brussels, Belgium, (**9 Nov 2018**)
  39. Smart Statistics for Smart Cities Conference, talk on “Earth Observation (EO) for Smart Cities: The SMURBS/ERA-PLANET EU Project and the contribution of EO to the SDGs frame”, EUROSTAT, Kalamata, Greece, (**5 - 6 Oct 2018**)
  40. ECOCITY FORUM 2018 "Circular Economy in Smart Cities", talk on “Earth Observations, carrying the Smart City further”, Thessaloniki, Greece (**3 - 5 Oct 2018**)
  41. International Day of Light - UNESCO, talk on “Extinguishing Light: The Effect of Sun’s eclipse on Earth”, Athens, Greece, (**16 May 2018**)
  42. Navarino Environmental Observatory (NEO), «café-NEO» science cafe, “KALAMATA Smart City – Towards smart and resilient cities with the use of new technologies”, key invitee, Kalamata, Greece (**16 Apr 2018**)
  43. 1st Conference of City Network-Sustainable City, talk on “SMURBS project- smart city solutions”, Athens, Greece (**1 Nov 2017**)
  44. Copernicus Atmosphere Monitoring Service (CAMS) General Assembly, panelist and talk on "The Greek GEO Office and regional ongoing activities projects", Athens, Greece (**14 - 16 Jun 2016**)
  45. Navarino Environmental Observatory (NEO), «café-NEO» science cafe, “Economic crisis and impacts on the environment and health”, key invitee, Kalamata, Greece (**7 Dec 2013**)
  46. Technical Chamber of Greece, Workshop "Smog pollution. The chronicle of untargeted choices: mistakes, consequences, solutions", talk on "Specialized measurements of gaseous and particulate pollutants in Athens and 4 Greek cities during winter 2012-2013", round table "Measures, suggestions and strategies for encountering the problem – citizens seeking for answers", Athens, Greece (**27 Mar 2013**)
  47. First International Conference: From Deserts to Monsoons, talk on dust characteristics over the Mediterranean, Crete, Greece, (**1 - 6 Jun 2008**)
  48. World Environment Day, "Climate Change: change your habits – towards a low carbon emissions economy", talk and discussion on the contribution of pollution, Foundation of the Hellenic World, Athens, Greece (**5 Jun 2008**)
  49. Workshop on “Wildfires Management”, with the support of Stavros Niarchos Foundation (SNF) NOA’s representative, Zappio Megaro, Athens, Greece (**6-7 Dec 2007**)
  50. Workshop "Environment and Sustainable Development", Rotary of Pallini, talk and discussion on the contribution of pollution, Athens, Greece (**21 Oct 2007**)
  51. Workshop on “The role of Polar Regions on Global Climate Change”, European Polar Consortium, European Foundation, presentation of NOA’s capacities and potential contributions, Sofia, Bulgaria (**1 - 4 Jul 2007**)

#### **D4. Member in Editorial Boards of International Scientific Journals**

1. Editor in Atmospheric Chemistry and Physics, EGU-Copernicus Pubs (IF-5y: 5.6) (2010-2022)  
([http://www.atmospheric-chemistry-and-physics.net/general\\_information/editorial\\_and\\_advisory\\_board.html](http://www.atmospheric-chemistry-and-physics.net/general_information/editorial_and_advisory_board.html))
2. Aegean Journal of Environmental Sciences (AEJES), forum for postgraduate (M.Sc. and Ph.D.) students' research publication  
(<http://www.env.aegean.gr/aegean-journal-of-environmental-sciences/>)
3. Editor in Special Issue "CHemistry and AeRosols Mediterranean EXperiments (ChArMEX) (ACP/AMT inter-journal SI), jointly organized between Atmospheric Chemistry and Physics and Atmospheric Measurement Techniques journals  
([http://www.atmos-chem-phys.net/special\\_issue334.html](http://www.atmos-chem-phys.net/special_issue334.html))
4. Editor in Special Issue "Science-policy interfaces of the European network", journal - Environmental Science & Policy, Edited by Anthony Lehmann, Evangelos Gerasopoulos, Tuukka Tuukka, Pirrone Pirrone (2001-2022)  
(<https://www.sciencedirect.com/journal/environmental-science-and-policy/special-issue/10NLPXNHVML>)

#### **D5. Reviewer in Scientific Journals**

(non-exhaustive list)

Atmospheric Chemistry and Physics, Atmospheric Environment, Journal of Geophysical Research, Geophysical Research Letters, Atmospheric Research, Atmospheric Pollution Research, Environmental Pollution, Annales Geophysicae, Environmental Science and Pollution Research, Water, Air, & Soil Pollution, Meteorology and Atmospheric Physics, Journal of Environmental Modelling & Software, Optica Pura y Aplicada, New Astronomy, International Journal of Digital Earth.

#### **D6. Book Reviewer**

2015: Critical reviewer of the book entitled "Atmospheric technologies" (ISBN: 978-960-603-279-0) in the frame of the action "Hellenic Academic Ebooks - Kallipos", National Technical University of Athens.

#### **D7. Project/Organization Evaluator - Reviewer**

Evaluations assigned by:

"Research – Innovate (2021–2027): Intervention II – Partnerships between Enterprises and Research Organizations, ERDF, EYDE-EK; European Facility for Airborne Research (EUFAR); King Fahd University of Petroleum and Minerals (KFUPM); University of Ioannina (UoI, Greece); State Scholarships Foundation (IKY); NASA (in the frame of Interdisciplinary Science for Eclipse 2017); FCT - Fundação para a Ciência e a Tecnologia (Portugal)

Other: Member of the Evaluation Team of the 5th GEOSS Evaluation; Member of the Evaluation Team of the 6th (final) GEOSS Evaluation