

Contents

- Projects (current – expected)
- Main publications
- PhD supervisions
- Other activities

FOLLOW UP – JULY 2015



Projects

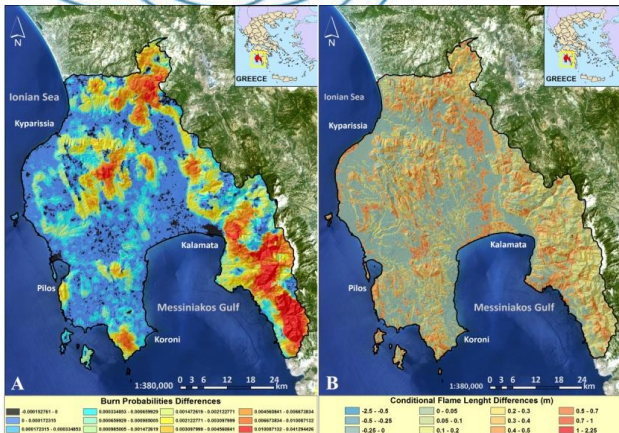
XENIOS – NSRF
Cooperation 2009
(2010-2014)



Επιπτώσεις της Κλιματικής Αλλαγής στην Περιοχή της Ελλάδας. Πιλοτική Εφαρμογή Τουριστικής Ανάπτυξης (Π.Ο.Τ.Α.)



Role: PI for NOA
Time: min

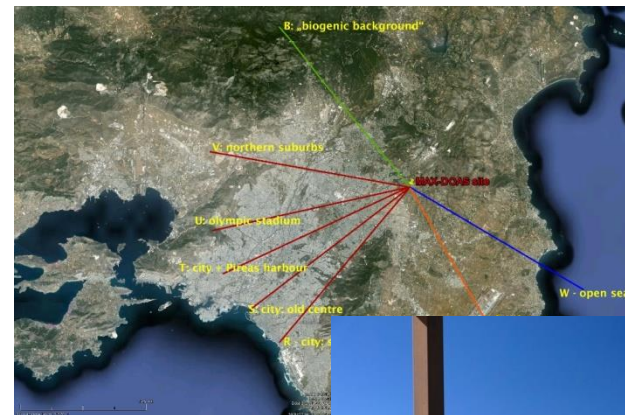


Gerasopoulos E. 2015-2016 planning of activities

BEYOND – FP7
(2013-2015)

Role: Researcher –
atmospheric experimental/
modeling

Time: 5%



Continues



Nafplio 31/10-1/11 2014



Projects

THESPIA - KRHPIS
(2013-2015)



Θεμελίωση συνεργιστικών και ολοκληρωμένων μεθοδολογιών και εργαλείων παρακολούθησης διαχείρισης και πρόγνωσης περιβαλλοντικών παραμέτρων και πιέσεων

Role: WP leader
Time: 10-15%

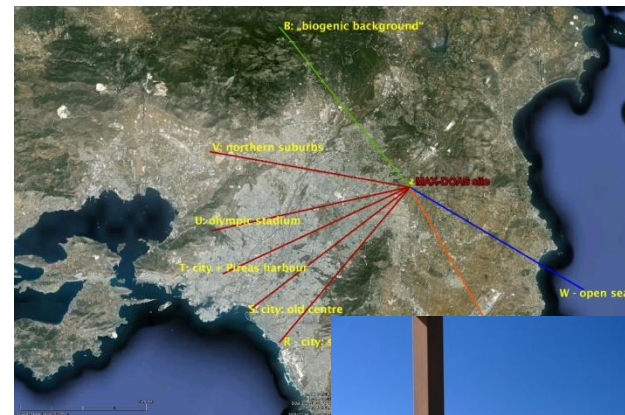
Continues



BEYOND – FP7
(2013-2015)

Role: Researcher –
atmospheric experimental/
modeling

Time: 5%



Continues



Projects

THESPIA - KRHPIS
(2013-2015)



Θεμελίωση συνεργιστικών και ολοκληρωμένων μεθοδολογιών και εργαλείων παρακολούθησης διαχείρισης και πρόγνωσης περιβαλλοντικών παραμέτρων και πιέσεων **Role:** WP leader
Time: 15-20%

Continues



Navarino
Environmental
Observatory
(2015-2020)

NAVARINO
ENVIRONMENTAL
OBSERVATORY

Role: Member of SC, PI for atmospheric station
Time: 10%



Continuous – reassigned position in the Steering Committee



Projects

ACTRIS II - ESFRI
(2015-2020)

Accepted-Started

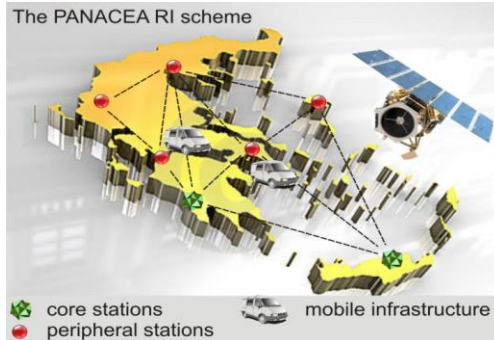
Aerosols, Clouds, and Trace gases Research
InfraStructure Network

Role: Researcher
Time: 10-15%

PANACEA – Hellenic
Roadmap for Research
Infrastructure
(2015-2020)

Entered Roadmap –
Waiting funding

Role: NEO PI
Time: 15-20%

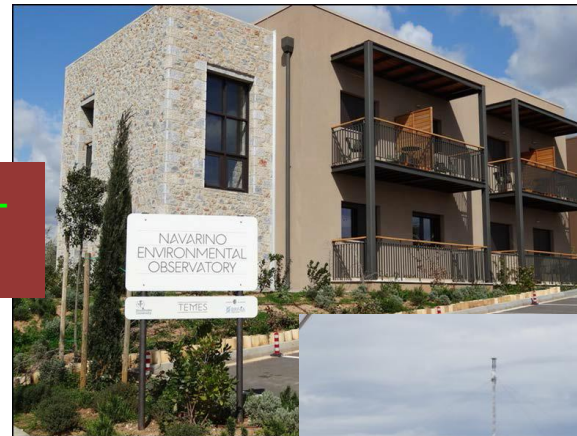


PANhellenic infrastructure for
Atmospheric Composition and climatE
chAnge

Navarino
Environmental
Observatory
(2015-2020)

NAVARINO
ENVIRONMENTAL
OBSERVATORY

Role: Member of SC, PI for
atmospheric station
Time: 10%



Continuous – reassigned position
in the Steering Committee



Projects

ACTRIS II - ESFRI
(2015-2020)

Waiting

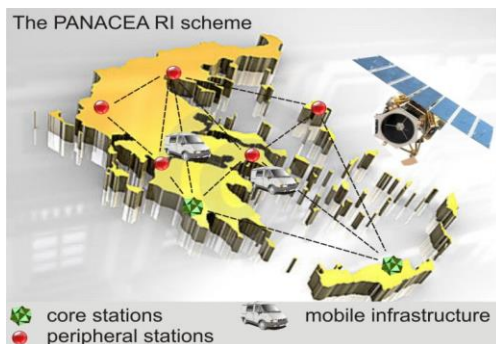
Aerosols, Clouds, and Trace gases Research
InfraStructure Network

Role: Researcher
Time: 10-15%

PANACEA – Hellenic
Roadmap for Research
Infrastructure
(2015-2020)

Waiting

Role: NEO PI
Time: 15-20%



PANhellenic infrastructure for
Atmospheric Composition and climatE
chAnge

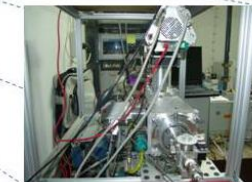
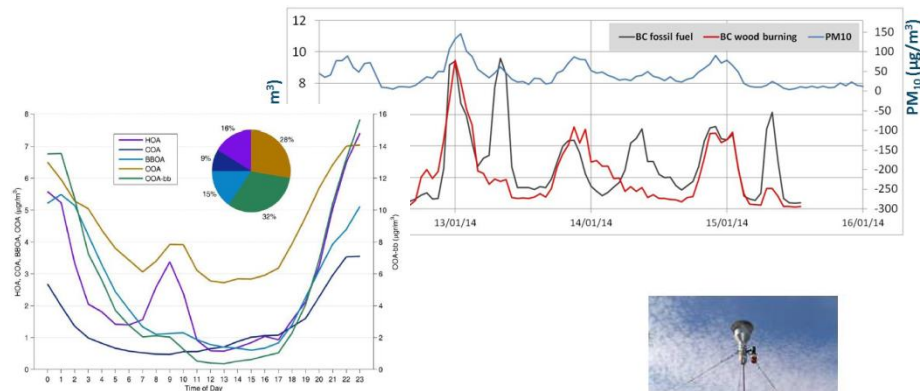
Gerasopoulos E. 2015-2016 planning of activities

LIFE-CURBSIDE
(2015-2019)

Role: Coordinator
Time: 25%

Not funded

Chemical URBan Supersite for Improved Environment



Nafplio 31/10-1/11 2014

Projects – New, submitted or planned to submit

Implementation of measurements and analyses of environmental indices for "atmospheric quality" along the Egnatia Highway (N. Greece), 2015, (PI for NOA, budget NOA 60 k€, total 90 k€) ... approved-to be signed

Establishment of hydrometeorological network at Hydroelectric Stations of the Hellenic Public Power Corporation, 2014-2015 (PI for NOA, budget NOA 20 k€, total 280 k€) ... implemented

H2020 – GEO-GRADLE (waiting)

H2020 – CityLab – (passed to the second level of evaluation)

LIFE – UCCA (coord. Univ. of Patras)

LIFE – ALISEOS (coord. Univ. of Florence)

LIFE – AQ-SENSE (coord. Cyl)

LIFE – MAINALO (coord. DataGRID, local authorities)

Other – Educational

• 2015: Coordinator of Course B1 "Environmental and Remote Studies for Cultural Heritage" M.Sc. in Cultural Heritage Materials & Technologies (<http://culttech.uop.gr/index.html>)

• 2015: Coordinator of Course "Earth System Science" M.Sc. Space Research and Applications

Both cooperation between NOA and University of Peloponnese



Main publications (W:write, C:coordinate, P:participate)

• Winter-time biomass burning aerosol in Athens: Overview	(W, 0%, Thales)	50%
• Impact of advection routes on atmospheric composition and processes at the Navarino Environmental Observatory (NEO, E. Mediterranean) during summer time	(W, 70%, NEO)	70%
• Visibility trends at the regional scale with emphasis at Methoni	(C, 20%, NEO)	80%
• MAX-DOAS slant column measurements of atmospheric trace gases in the urban environment of Athens	(C, 90%, IUP)	90%
• Two year particle size distributions at NEO	(P, 70%, NEO)	70%
• Sources of atmospheric aerosol from long-term measurements (5 years) of chemical composition in Athens, Greece.	(P, 95%, PhD)	Pub
• Optical properties of aerosol vs chemical composition (Athens)	(PC, 0%, PhD)	40%
• Ozone characteristics at the regional scale	(PC, 70%, TUC)	Pub
• LIVAS overview results	(P, 90%, LIVAS)	Pub
• 2-3 papers coming from Thales campaigns	(P, Thales)	1 sub



Main publications (W:write, C:coordinate, P:participate)

Kalabokidis, K.; Palaiologou, P., Gerasopoulos, E., Giannakopoulos, C. Kostopoulou, E. Zerefos, C. **Effect of Climate Change Projections on Forest Fire Behavior and Values-at-Risk in Southwestern Greece.** *Forests* 2015, 6, 2214-2240

Pub

Stavros Solomos, Vassilis Amiridis, Prodromos Zanis, Evangelos Gerasopoulos, F.I. Sofiou, Themistocles Herekakis, Jerome Brioude, Andreas Stohl, Ralph Kahn, Charalampos Kontoes, Smoke dispersion modeling over complex terrain using high-resolution meteorological data and satellite observations, *Atmospheric Environment*

Sub



PhD supervisions

- Despina Paraskevoudoulou, UoC (presenting 18/11/2014!)
Συσχέτιση των χημικών ιδιοτήτων με οπτικές και κλιματικές παραμέτρους των αιωρούμενων σωματιδίων στην ευρύτερη περιοχή των Αθηνών Done!
- Myrto Gratsea, UoC (started in 2014)
Μετρήσεις αέριων ιχνηθετών πάνω από την Αθήνα με χρήση της τεχνικής MAX-DOAS
- Panagiotis Raptis, NKUA, (started in 2014)
Development of methodologies for the retrieval of aerosols and trace gases using solar spectral measurements

Other

Greek GEO Office

Role: Director
Time: 10%



ΤΕΣ Περιβάλλοντος

Role: Μέλος
(Ζετής Θητεία)
Time: 3-5%

Final GEOSS
Evaluation

Role: Member
Time: 5-10%, Α Εξάμηνο

Done!

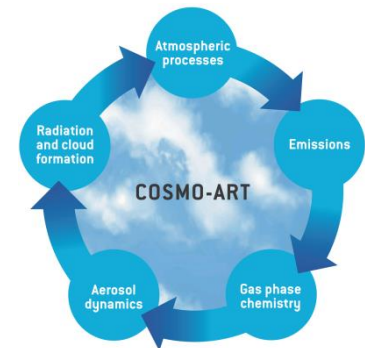
Εργαστήριο
Ατμοσφαιρικής
Χημείας (ΕΑΧ/ΕΑΑ)



Role: Head & Quality Assurance Manager
Time: <5%, ελπίζω ελέω Δρος Λιακάκου

Greek COSMO-ART

Role: Coordinator
Time: <5%



Atmospheric Physics and Chemistry Group

5 Researchers
2 Tech/Sci staff
5 Post-docs
5 PhDs
1 MSc

New entries



Vassilis Amiridis
Senior Researcher, IAASARS/NOA, Ph.D.
Atmospheric Physics
Contact Info:
e-mail: vamoir@noa.gr
tel: (+30) 210 810 9116
fax: (+30) 210 613 8343
[View Profile](#)



Eleni Marinou
PhD Candidate, IAASARS/NOA, M.Sc.
Environmental Physics
Contact Info:
e-mail: elmarinou@noa.gr
tel: (+30) 210 810 9183
fax: (+30) 210 613 8343
[View Profile](#)



Alexandra Tsakeri
Research Fellow, IAASARS/NOA, Ph.D.
Earth and Environmental Sciences
Contact Info:
e-mail: atsakeri@noa.gr
tel: (+30) 210 810 9183
[View Profile](#)



Evangeolos Gerasopoulos
Research Director, IERSD/NOA, Ph.D.
Atmospheric Physics
Contact Info:
e-mail: egera@meteo.noa.gr
tel: (+30) 210 810 9124
fax: (+30) 210 810 3236
[View Profile](#)



Stelios Kazadzis
Senior Researcher, IERSD/NOA, Ph.D.
Atmospheric Physics
Contact Info:
e-mail: kazadzis@meteo.noa.gr
tel: (+30) 210 810 9204
fax: (+30) 210 810 3236
[View Profile](#)



Eleni Liakakou
Associate Researcher, IERSD/NOA, Ph.D.
Chemistry
Contact Info:
e-mail: liakakou@meteo.noa.gr
tel: (+30) 210 810 9139
fax: (+30) 210 810 3236
[View Profile](#)



Michael Taylor
Research Fellow, IERSD/NOA, Ph.D.
Applied Mathematics
Contact Info:
e-mail: mtaylor@noa.gr
tel: (+30) 210 810 9170
fax: (+30) 210 810 3236
[View Profile](#)



Eleni Athanopoulou
Research Fellow, IERSD/NOA, Ph.D.
Physics
Contact Info:
e-mail: athanop@meteo.noa.gr
tel: (+30) 210 810 9151
fax: (+30) 210 810 3236
[View Profile](#)



Panagiotis Kosmopoulos
PhD Candidate, IERSD/NOA, M.Sc.
Environmental Physics
Contact Info:
e-mail: pkosmo@meteo.noa.gr
tel: (+30) 210 810 9170
fax: (+30) 210 810 3236
[View Profile](#)



Despina Paraskevopoulou
Ph.D. student, IERSD/NOA, M.Sc.
Polymer Science
Contact Info:
e-mail: dparask@meteo.noa.gr
tel: (+30) 210 810 9141
fax: (+30) 210 810 3236
[View Profile](#)



Panagiotis I. Raptis
Research Fellow, IERSD/NOA, M.Sc.
Environmental Physics
Contact Info:
e-mail: piraptis@meteo.noa.gr
tel: (+30) 210 810 9170
fax: (+30) 210 810 3236
[View Profile](#)



Vasiliki Assimakopoulou
Senior Researcher, IERSD/NOA, Ph.D.
Environmental Modelling
Contact Info:
e-mail: vasiliki@noa.gr
tel: (+30) 210 810 9135
fax: (+30) 210 810 3236
[View Profile](#)



Myrto Gratsa
Research Fellow, IERSD/NOA, M.Sc.
Environmental Physics
Contact Info:
e-mail: mgratsa@meteo.noa.gr
tel: (+30) 210 810 9139
fax: (+30) 210 810 3236
[View Profile](#)



Theodora Kopania
Scientific and Technical staff,
IERSD/NOA, M.Sc. Environmental
Impact Assessment, Auditing and
Management Systems
Contact Info:
e-mail: kopania@noa.gr
tel: (+30) 210 810 9198
fax: (+30) 210 810 3236
[View Profile](#)

APCG
Atmospheric Physics and Chemistry Group

Research | Publications | People | Infrastructure | Products & Services

GROUP PROJECTS

2014 - December 31, 2017
Marco Polo - Air quality Monitoring and Forecasting in China

Project partners: (1) Royal Netherlands Meteorological Institute (NL) (co-ordination), (2) Aristotle University of Thessaloniki (GR), (3) Belgian Institute for Space Aeronomy (BE), (4) Danish Meteorological Institute (DK), (5) Democritus University of Thrace (GR), (6) Finnish Meteorological Institute (FI), (7) Institute of Atmospheric Physics (China), (8) Inmarsat (ES), (9) National Observatory of Athens (NOA), GR, (10) National Satellite Meteorological Center (China), (11) Netherlands Organization for Applied Scientific Research (NL), (12) Peking University (China), (13) Tsinghua University (China), (14) Flemish Institute for Technological Research (BE), (15) London Metropolitan University (U.K.)

APCG participation: V. Amiridis, S. Kazadzis, E. Marinou

Findings: EP-SPACE-2014-1

EMM - Intelligent urban mobility management and traffic	Pyrometeor by LEVAP - Laser experiment of the Chemistry of Vertical of clouds and air	4 XENON - Climate change impacts on the Borealistic development of	AERONAP - Global mapping of aerosol properties using neural	HYPERX - Verification of the Hyperspectral Plant Imaging
ACT - Aerosol and GACMED - Evaluation of influence on global surface UV irradiance classification scheme				

NEW ARTICLE: Fire risk, atmospheric chemistry and radiative forcing assessment of wildfires in eastern Mediterranean

© 2014 APCG, All Rights Reserved. This site was created by damilakiotis and was powered by joomlaCMS



Orestis Speyer
Research Fellow, IERSD/NOA, M.Sc.
Environmental Physics
Contact Info:
e-mail: ospeyer@meteo.noa.gr
tel: (+30) 210 810 9170
fax: (+30) 210 810 3236
[View Profile](#)



Maria Lianou
Scientific and Technical staff,
IERSD/NOA, Ph.D., Atmospheric
Aerosols
Contact Info:
e-mail: mlianou@noa.gr
tel: (+30) 210 810 9131
fax: (+30) 210 810 3236
[View Profile](#)

Understanding physical and chemical processes in the atmosphere, seizing the opportunity provided by near environment. It is our mission to promote world-class atmospheric research in the area by providing to interest and increasing social relevance. We are active in the fields of aerosol research, air quality, solar approached from a synergistic view angle that combines multiple experimental, observational and theoretical



<http://charadmexp.gr/news/7/>

