

Mihalopoulos Nikolaos

Professor of Environmental Chemistry
Department of Chemistry
University of Crete

CURRICULUM VITAE

OCTOBER 2012

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CV outline

Education:	<p>Ph.D. Chemistry of Air Pollution and Environmental Physics, University of Paris 7, France, 4/1989</p> <p>D.E.A in Chemistry of Pollution, University of Paris 7, France, 9/1985</p> <p>B.S. of Chemistry, Department of Chemistry, University of Athens, Greece, 4/1984</p>																		
Employment after the Ph.D. thesis:	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; vertical-align: top;">2003–today:</td> <td>Professor of Environmental Chemistry, Department of Chemistry University of Crete, Heraklion, Greece</td> </tr> <tr> <td style="vertical-align: top;">12/2010–3/2011:</td> <td>Visiting Professor, University of Sapporo, Japan</td> </tr> <tr> <td style="vertical-align: top;">1999–2003:</td> <td>Associate Professor of Environmental Chemistry, Department of Chemistry, University of Crete, Heraklion, Greece</td> </tr> <tr> <td style="vertical-align: top;">3/2002–7/2002:</td> <td>Visiting Professor, Max-Planck Institute of Chemistry, Mainz, Germany.</td> </tr> <tr> <td style="vertical-align: top;">1993–1999:</td> <td>Assistant Professor of Environmental Chemistry, Department of Chemistry, University of Crete, Heraklion, Greece</td> </tr> <tr> <td style="vertical-align: top;">11/1991–8/1993:</td> <td>Military Service Laboratory of Spectroscopic Analysis of Fuels Air Force of Greece</td> </tr> <tr> <td style="vertical-align: top;">2/1991–11/1991:</td> <td>Research Scientist, Centre des Faibles Radioactivités, CNRS Gif-sur Yvette, France.</td> </tr> <tr> <td style="vertical-align: top;">6/1989–1/1991:</td> <td>Research Scientist, Physicalische Chemie, Bergische Universität, Wuppertal, Germany</td> </tr> <tr> <td style="vertical-align: top;">4/1989–6/1989:</td> <td>Research Scientist, Centre des Faibles Radioactivités, CNRS, Gif-sur-Yvette, France</td> </tr> </table>	2003–today:	Professor of Environmental Chemistry, Department of Chemistry University of Crete, Heraklion, Greece	12/2010–3/2011:	Visiting Professor, University of Sapporo, Japan	1999–2003:	Associate Professor of Environmental Chemistry, Department of Chemistry, University of Crete, Heraklion, Greece	3/2002–7/2002:	Visiting Professor, Max-Planck Institute of Chemistry, Mainz, Germany.	1993–1999:	Assistant Professor of Environmental Chemistry, Department of Chemistry, University of Crete, Heraklion, Greece	11/1991–8/1993:	Military Service Laboratory of Spectroscopic Analysis of Fuels Air Force of Greece	2/1991–11/1991:	Research Scientist, Centre des Faibles Radioactivités, CNRS Gif-sur Yvette, France.	6/1989–1/1991:	Research Scientist, Physicalische Chemie, Bergische Universität, Wuppertal, Germany	4/1989–6/1989:	Research Scientist, Centre des Faibles Radioactivités, CNRS, Gif-sur-Yvette, France
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Research Interest and Experience:	<p>Atmospheric Chemistry and Physics, Global Biogeochemical Cycles, Chemical Kinetics, Environmental Analytical Chemistry</p>																		
Administrative Experience:	<p>9/2010–12/2012: Vice-president of the department of Chemistry and president of the postgraduate studies committee of the department of Chemistry of the University of Crete.</p>																		

	<p>9/2004–9/2006: President of the department of Chemistry</p> <p>9/2004–6/2006: Member of the Senate of the University of Crete</p> <p>6/2003–9/2004: Vice-president of the department of Chemistry and president of the postgraduate studies committee of the Department of Chemistry of the University of Crete.</p> <p>2002–2009: Member of the research committee (ELKE, 7 members) of the University of Crete.</p> <p>2/1996–6/1997: Member of the Senate of the University of Crete</p> <p>9/1994–9/1996: Member of the undergraduate studies committee of the Department of Chemistry of the University of Crete.</p>
Teaching experience:	<p>Undergraduate and post graduate courses at Greek Universities and foreign Research Centers</p> <p>Supervision of 13 PhD and 31 Master students and more than 50 undergraduate students for their diploma work.</p>
Research experience:	<p>Referee in 19 international scientific journals</p> <p>Participation as PI or Co-PI in 38 projects funded by EU (22) and National sources (16) > 3,5 M€</p> <p>Editor of 1 book and six special issues of ACP and JMS</p>
Publications:	<p>162 publications in peer reviewed journals (1 Nature and 1 Science) and 51 in conference proceedings.</p> <p>> 4700 citations (>4020 third party citations)</p> <p>H-index=35</p> <p>1 book and 1 monograph.</p> <p style="text-align: right;">(Sources: ISI/Scopus, October 2012)</p>
Participation in international conferences and workshops:	<p>Invited talks: 21</p> <p>Participation at >100 international scientific conferences</p> <p>Contributed talks/posters: 301 (250 with abstracts and 51 with proceedings).</p>
International recognition:	<p>Editorial Board of Atmospheric Chemistry and Physics (ACP, IF=5.52) http://www.atmos-chem-phys.org.</p> <p>Guest editor of five special issues in ACP and one in Journal of Marine Sciences (JMS).</p> <p>Member of scientific committee in more than 10 International conferences</p>

Referee for PhD Thesis in Foreign Universities: 1) University Paris VI, Pierre & Marie Curie (France; Three times), 2) University Joseph Fourier, Grenoble (France; Twice), 3) University Paris VII, Denis Diderot, (France, Twice), 4) University of Helsinki, 5) University of Hamburg

Referee for Habilitation Thesis: University of Bremen and University Paris VII

Reviewer for Proposals, president and member of the Environment committee, NATO (Science for Peace), 2004-2007

Reviewer for Proposals: 1) European Union (E.U.) 2) German Federal Ministry for Education and Research (BMBF), 3) General Secretary of Research and Technology (GSRT), 4) ANR-CNRS (France), 5) NSF (US), 6) NERC (UK)

Personal details, education and professional experience

Name: Nikolaos MIHALOPOULOS

Address: Department of Chemistry
University of Crete,
Voutes University Campus
P.O.Box 2208, 71003 Heraklion, Crete, Greece

Telephone: +30 2810- 545062

Fax: +30 2810- 545001

E-mail: mihalo@chemistry.uoc.gr

Born: April 1, 1961, Piraeus, Greece

Education: Ph.D. Atmospheric Chemistry
University of Paris 7, France, April 1989

D.E.A Atmospheric Chemistry
University of Paris 7, France, September 1985

B.S. of Chemistry,
Department of Chemistry, University of Athens, Greece, April 1984

Employment after the Ph.D. thesis:

2003-today Professor of Environmental Chemistry,
Department of Chemistry University of Crete, Heraklion

1999 – 2003. Associate Professor of Environmental Chemistry,
Department of Chemistry University of Crete, Heraklion

1993-1999 Assistant Professor of Environmental Chemistry,
Department of Chemistry University of Crete, Heraklion

- 11/1991-8/1993 Military Service Laboratory of Spectroscopic Analysis of Fuels Air Force of Greece
- 2/1991 - 11/1991 Research Scientist
Centre des Faibles Radioactivités, CNRS Gif-sur-Yvette, France.
- 6/1989-1/1991 Research Scientist
Physicalische Chemie, Bergische Universität, Wuppertal, Germany
- 4/1989-6/1989 Research Scientist
Centre des Faibles Radioactivités, CNRS, Gif-sur-Yvette, France

Long-term visits in foreign Universities and Research centers

- 12/2010-3/2011 Visiting Professor, University of Sapporo, Japan.
- 3/2002-7/2002 Visiting Professor, Max-Planck Institute of Chemistry, Mainz, Germany.

Short visits (up to 1 month): Several visits at Bergische Universität, Wuppertal, 1995, 1996, 2001 (Germany) and Laboratoire des Sciences du Climat et de l' Environnement, 1994, 1997, 1998, France).

Grants:

- Foundation Onassis (Grant for PhD thesis)
- Foundation of state scholarships (Grant for PhD thesis)
- EU grant (Marie-Curie) for post doctorate studies in Germany.

Member of associations:

- Association of Greek Chemists
- HAAR, Hellenic Association of Aerosol Research, member of European Association of Aerosol Research which organises European Aerosol Conference (on a yearly basis) and International Aerosol Conference –every 4 years.
- European Geophysical Society

Foreign Languages:

Fluent in English and French. Knowledge of German

B. Research Experience

Research activities

- Atmospheric chemistry and Physics with emphasis on the oxidation capacity of the atmosphere, physicochemical aerosol properties and their climatic role.
- Global biogeochemical cycles of carbon, nitrogen, phosphorus and sulfur.
- Air sea- exchange
- Chemical kinetics
- Environmental Analytical chemistry
- Responsible scientist of Finokalia station

Finokalia is a unique remote sampling station on Crete Island, and is considered as a reference site for the E. Mediterranean atmosphere disposing the longest reliable data record of environmental parameters in the area. Finokalia is (or was) part of several networks (Accent network of excellence, CREATE, EUSAAR, ACTRIS), and an official EMEP site of Greece. On an annual basis Finokalia hosts numerous international campaigns under the co-ordination by NM.

Publications

- 162 publications in peer reviewed journals (*1 in Nature and 1 in Science*)
- 51 conference proceedings
- 1 Book and 1 monograph
- More than 250 international conference abstracts
- More than 20 articles and interviews in local and national journals, TV and radio.
- H-index 35, 4776 citations (Scopus), 4856 citations (ISI Web of Science). Third party citations > 4020
- Since 2002-today, 12articles/year and 400-500 citations/year (28 citations/publication).

Top 36 publications

(Source: Scopus for articles published after 1994, ISI for articles published before 1994)

Journal	Year	No of hits	Source
SCIENCE	2002	336	Scopus
GLOBAL BIOGEOCHEM CY	1999	297	Scopus
NATURE	1998	263	Scopus
ATMOS ENVIRON	2004	315	Scopus
TELLUS B	1997	144	Scopus
MAR CHEM	1988	117	ISI
GEOPHYS RES LETT	1999	102	Scopus
ATMOS ENVIRON	2003	112	Scopus
LIMNOL OCEANOGR	1990	92	ISI
ENVIRON SCI TECHNOL	1999	86	Scopus
J ATMOS CHEM	1990	93	ISI
ATMOS CHEM PHYS	2003	88	Scopus
J GEOPHYS RES-ATMOS	2000	88	Scopus
J GEOPHYS RES-ATMOS	2000	78	Scopus
CHEM REV	2006	97	Scopus
J ATMOS CHEM	1994	81	ISI
LIMNOL OCEANOGR	2003	72	Scopus
ATMOS CHEM PHYS	2003	64	Scopus
ATMOS ENVIRON	2006	67	Scopus
J ATMOS CHEM	1992	59	ISI
ATMOS ENVIRON	2002	51	Scopus
ATMOS ENVIRON	2004	57	Scopus
ATMOS CHEM PHYS	2003	45	Scopus
J ATMOS CHEM	1992	51	ISI
ATMOS CHEM PHYS	2005	44	Scopus
ATMOS CHEM PHYS	2004	38	Scopus
J GEOPHYS RES-ATMOS	1993	42	ISI
J GEOPHYS RES-ATMOS	2005	40	Scopus
ATMOS CHEM PHYS	2003	36	Scopus
GLOBAL BIOGEOCHEM CY	2001	38	Scopus
ATMOS CHEM PHYS	2003	35	Scopus
ATMOS CHEM PHYS	2009	35	Scopus
ATMOS. ENVIRON	2009	50	Scopus
ATMOS. ENVIRON	2008	49	Scopus
ATMOS. ENVIRON	2007	40	Scopus
ATMOS. ENVIRON	2002	37	ISI

Publication ranking based on Impact Factor (IF)

Journal	Impact Factor (2011)	Ranking-ISI (2005) Position/No of journals	No of articles
Chemical Reviews	40.19	1/125 Chemistry	1
Nature	36.3		1
Science	31.2		1
Atmospheric Chemistry and Physics	5.52	1/47 Meteorology & Atmospheric Sciences	33
Environmental Science and Technology	5.23	5/140 Environment	2
Global Biogeochemical Cycles	4.78	6/140 Meteorology & Atmospheric Sciences	5
Tellus B	4.38	7/47 Meteorology & Atmospheric Sciences	2
Geochimica Cosmochimica Acta	4.26	3/55 Geochemistry and geophysics	1
Biogeosciences	3.86		1
Geophysical Research Letters	3.79	9/129 Geosciences	3
Atmospheric Environment	3.46	12/140 Environment	42
Science of Total Environment	3.29		2
Limnology Oceanography	3.25	2/46 Oceanography	2
Chemosphere	3.2	21/140 Environment	1
Marine Chemistry	3.07	8/46 Oceanography	5
Biogeochemistry	3.07	35/140 Environment	1
Journal of Geophysical Research	3.02	7/129 Geosciences	18
Annales Geophysicae	1.84	36/129 Geosciences	2
Water, Air and Soil Pollution	1.63		2
J Air Waste Management Assoc.	1.52	52/140 Environment	1
Environmental monitoring and asses.	1.4		1
Journal of Atmospheric Chemistry	0.99	58/140 Environment	12

* Median IF = 3.46

Participation in conference and workshops

- 21 invited talks and more than 301 contributions in international conferences (250 with abstracts and 51 with conference proceedings).

Participation in Competitive Research Programs as PI or co-PI:

Total amount for University of Crete:	3.5 M€
Total amount the last 5-years:	1.17 M€

1. "Platon" Bilateral Scientific Collaboration between France and Greece; **PI**, 1994- 1996.
2. Bilateral collaboration between Greece and Germany; **PI**, 1994- 1996.
3. "Marathon" (Marine Atmosphere Oxidation Capacity Experiment), **PI**, EU, Environment (1996-1998): 95 KECU.
4. "Aerobic" (AEROSol formation from Biogenic Carbon), EU, Environment (1996-1998): 100 KECU.
5. "Meduse" (Mediterranean DUst Study Experiment), EU, Environment (1996-1998): 110 KECU.
6. "Biogest" (Biogas Emissions from Estuaries) EU, MAST (1996-1999): **PI**, 20 KECU.
7. "ESCAPE" (Entangled Sulfur and carbon cycles in Phaeocystis dominated Ecosystems) EU, MAST (1996-1999): **PI**, 18 KECU.
8. "Mater" (Mass transfer and ecosystem response) EU, MAST (1997-1999): **PI**, 30KECU.
9. ETERPS (Ministry of Environment) Characterization of the Chemical Composition of the Atmosphere in the East Mediterranean Area (1997-1999): 88 KECU.
10. "DOMAC" (Dimethylsulfide DMS: Oxidation Mechanism in Relation to Aerosols and Climate) Marine Atmosphere Oxidation Capacity Experiment), EU, Environment (1998-2000): **PI**, 75 KECU.
11. Training Mobility Research program EU March 1998-March 2000: For J. Sciare to perform his PhD Thesis in Greece: **PI**, 67 KECU.
12. "Environmental Science and Engineering-Post Graduate Studies Programme", Associate director, PI. E. Stephanou, ca. 400 K€, Ministry of Education and European Commission, 1998-2003.
13. "El-CID" (Evaluation of the Climatic Role of Dimethylsulfide DMS), EU, Environment (1999-2003): **PI**, 109 KECU.
14. "Sub-Aero" (Sub-grid Scale Investigations of Factors Determining the Occurrence of Ozone and Fine Particles), (2000-2002): **PI**, 20 K€.
15. Emission of Nitrogen Compounds (NH_4^+ , NO_3^- , N_2O and NO_x) from Waste water treatment stations, GSRT, (2002-2005), **PI**, 59K€.
16. "ADIOS" (Atmospheric Deposition and Impact of pollutants, key elements and nutrients on the Open Mediterranean Sea), EU, Environment (1999-2003): **PI**, 119 K€.
17. "Create" (Creating an aerosol database for Europe), EU, Environment (2002-2004): **PI**, 78 K€.
18. Oxidation Capacity of the Eastern Mediterranean Atmosphere, GSRT, (2002-2005), **PI**, 89K€.
19. Aerosols in various Indoor locations in Greece, GSRT, (2003-2006), **PI**, 59 K€.
20. Evaluation of the Climatic Impact of the Tropospheric Aerosols in the Mediterranean Area. (ECITAMA)-MEIF-CT-2005-009578, EU (2005-2007), **PI**, 140K€.
21. Organics over the Ocean Modifying Particles in both Hemispheres (OOMPH), EU (2005-2008), **PI**, 131K€.

22. European Supersites for Atmospheric Aerosol Research EUSAAR - Co 026140, EU (2006-2011), **PI**, 110K€.
23. SESAME: Southern European Seas, Assessing and Modelling Ecosystem Changes - Co 036949-2 (EU 2006-2011), **PI**, 65K€.
24. CIRCE - 036961 (integrated project), EU (2007-2011), **PI**, 150K€.
25. Atmospheric deposition of N and P and their role on seawater productivity (Iraklitos I, for PhD Thesis of Z. Markaki; 2002-2007), **PI**, 36K€.
26. Characterization of physical and chemical parameters controlling climatic role of aerosols in the Eastern Mediterranean atmosphere, Ministry of Education, 2004-2007, **PI**, 80 K€.
27. Organic substances in the atmosphere, GSRT (2005-2009); **PI**, 106K€.
28. Climatic role of aerosols above eastern Mediterranean. **PI**, 12 K€ (Greek-Turkish collaborative projects; 2007-2008).
29. Understanding the climatic role of aerosols in the Mediterranean by synergistic use of satellites and ground based stations, **PI**, 12 K€ (Greek-French collaborative projects; 2004-2006).
30. Chemical composition of aerosol above Greek and Romanian Cities. **PI**, 12 K€ (Greek-Romanian collaborative projects; 2006-2008).
31. Co- Investigator of the ECPL/UoC Contribution to the European financed project CITYZEN (megaCITY - Zoom for the Environment) (1/9/2008-31/8/2011) **Co-PI** 200 K€)
32. Role of Megacities in air quality of the Eastern Mediterranean, (Iraklitos II, for PhD Thesis of P. Zampas; 2010-2013), **PI**, 45K€.
33. Relation between chemical composition, optical and climatic parameters above Athens, (Iraklitos II, for PhD Thesis of E. Paraskevopoulou; 2010-2013), **PI**, 45K€.
34. Particulates Monitoring, Modeling and Management over Cyprus, PM3, EU-Life project (1/1/2011-31/12/2013), **PI**, 60K€.
35. DARECLIMED, Data Repositories and Computational Infrastructure for Environmental and Climate Studies in the Eastern Mediterranean, FP7-INFRASTRUCTURES-2010, 1/2/2011-31/1/2013, **PI**, 70,5K€.
36. ACTRIS, Aerosols, Clouds, and Trace gases Research Infrastructure Network ", FP7-INFRASTRUCTURES-2010, 1/4/2011-31/3/2015, **PI**, 329 K€.
37. PERSEUS, Policy-oriented marine Environmental Research for the Southern European Seas, FP7-Ocean, **PI**, 250 K€.
38. SO_PHY_PRO_CLIM_GR, Sources and physicochemical properties of fine and ultrafine aerosol particles that affect the regional climate of Greece, THALIS proposal, **PI**, 170K€.

Other projects and grants

- Exchanges of scientists between National Greek Research Institute and the CNRS 1994-1997
- Program of support of young researchers at the University of Crete (ELKE; 1994 and 1996).
- DAAD (German State) grant for 3 months to perform research in a German laboratory (July-September 1997).
- "PAUR II" (Photochemical Activity and solar Ultraviolet Radiation), EU, Environment (1998-2000): 8 KECU.

C. Administrative/ Organizational/ Coordinating experience

- 9/2010-12/2012: Vice-president of the Department of Chemistry and President of the post graduate studies committee of the Department of Chemistry of the University of Crete..
- 2009-2010: Member of the Undergraduate studies of the Department of Chemistry of the University of Crete.
- **9/2004-9/2006: President of the Department of Chemistry, University of Crete:** During my term as President of the Chemistry Department, the construction of the new building of the Department was completed and the scientific infrastructure and all activities of the Department moved to the new location, at the University Campus of Voutes. When my term as President started, the new building was at a starting stage and its construction partly frozen. In coordination with the Rector of the University and relevant services, 2M€ were allocated at the University and were dedicated to the completion of the construction works of the Chemistry Department. An additional 1.5M€ enabled the purchase of new, complementary to the existing, infrastructure to appropriately furnish and equip the building, for all educational and research activities (laboratory benches, chemical exhaust evacuation systems etc) and the transport of the entire pre-existing research infrastructure from the old building to the new one. The Chemistry Department was fully operational in the new building at Voutes University Campus, on January 2006. Early 2006 the first oath-taking of the graduating students of the Department took place in the pretty new large amphitheater of the new building, putting the finishing touch to a project and realizing a vision that started a decade ago.
- 6/2003-9/2004: Vice-President of the Department of Chemistry, University of Crete and President of the Committee for postgraduate studies of the Department of Chemistry, University of Crete.
- **2002-2009: Member of the Research Account of the University of Crete (ELKE, 7-members administrative Committee).** The 7 member Committee manages the scientific budget of the University and draws its research strategy. During this period ELKE developed from a deficit of 500K€ to a benefit of 5000K€.
- 2/1996-6/1997 and 9/2004-6/2006: Member of the Senate of the University of Crete.
- 9/1994-9/1996: Member of the Undergraduate studies of the Department of Chemistry of the University of Crete.
- Since 1998: Advisor Professor for undergraduate students of the Chemistry Department of the University of Crete.
- During the last years, I coordinate the largest research group of the Department of Chemistry and one of the largest of the University of Crete with 16 members, 1 researcher (technical and support staff: Kouvarakis G.), 4 post docs (Kalivitis N., Bougiatioti A., Theodosi Ch., Violaki K.), 3 ongoing PhD fellows (Zarmpas P., Paraskevopoulou D., Nikolaou P.), 7 Master students (Vardavas A., Stavroulas I., Bairamis A., Koulaki F., Variakaki E., Mitsotaki A., Tsagkaraki M.) and 1 undergraduate student (diploma work).

D. Teaching experience

I: Lecturing.

- Instrumental techniques in Analytical Chemistry (Undergraduate students; 4h/week continuous since 1994).
- Atmospheric Chemistry (Undergraduate students; 3h/week continuous since 1994).
- Quantitative and qualitative chemistry ((Undergraduate students; 4h/week, 2010).
- Responsible for the laboratory of Instrumental Analytical Chemistry (Undergraduate students; since 1996).
- Environmental Analytical Chemistry (Chromatographic techniques; Post-graduate students; continuous since 1998).
- Environmental Analytical Chemistry (Trace metals in the Environment; Post-graduate students; continuous since 2008).
- Training in Environmental Analytical Chemistry (Post-graduate students; continuous since 1998).

Post graduate courses at Greek Universities and foreign Research Centers.

- Atmospheric Chemistry at the University of Athens and Patras for Master students (in 1995, 1997, 2007 and 2009).
- Atmospheric Chemistry for PhD students at Cyprus Institute (2012).

PhD and Master Theses supervising.

Advisor of 9 Post-docs, and supervision of 10 PhD, 25 MSc students and more than 50 undergraduate students for diploma thesis. Currently supervising 3 PhD and 6 MSc students. In addition I have acted as advisor for more than 30 PhD thesis and MSc degrees.

A: Master Students

NAME		Defense date
Pakioufaki	Vasileia	23/4/2010
Skoulikari	Emmanouella	12/6/2009
Violaki	Kalliopi	6/7/2005
Kristallas	Apostolos	18/12/2009
Psaroudaki	Antonia	28/7/2004
Giakoumaki	Kondulia	18/11/2005
Mara	Paraskevi	4/7/2005
Kassotaki	Eleftheria	29/6/2007
Pilitsidis	Spiros	15/7/1996
Mesarchaki	Evidiki	11/9/2009
Theodosi	Christina	6/7/2007
Kalivitis	Nikolaos	20/7/2006
Zarmpas	Pavlos	17/7/2003

Babasakalis	Paraskevas	15/5/2003
Xylouri	Alexandra	1/9/2004
Markaki	Zambia	14/9/2004
Liakakou	Eleni	17/12/2003
Bardouki	Haido	2/11/2000
Economou	Konstantina	15/5/2001
Perakis	Lazaros	18/10/2001
Koulouri	Evangelia	7/2010
Poulakis	Emmanouil	29/7/2011
Smouliwtis	Dimitrios	29/7/2011
Antoniou	Maria	23/12/2011
Kokotos	Athanasios	23/12/2011
Vardavas	Alexandros	
Stavroulas	Iasonas	
Bairamis	Antonios	
Koulaki	Fotini	
Mitsotaki	Anna	
Tsagaraki	Maria	

B: PhD Students

NAME		Defense date
Bougiatioti	Aikaterina	13/7/2009
Baboukas	Evangellos	19/12/2000
Kalivitis	Nikolaos	8/12/2008
Kouvarakis	Giorgos	17/6/2002
Violaki	Kalliopi	21/5/2009
Markaki	Zambia	17/1/2008
Liakakou	Eleni	19/4/2007
Bardouki	Haido	19/12/2003
Mara*	Paraskevi	15/4/2011
Theodosi	Christina	10/4/2011
Zarmpas	Pavlos	
Paraskevopoulou	Despoina	
Nicolaou	Panagiota	

*: Codirection with Professor K. Emeis (Hamburg, University).

C: Post-Doctorate coworkers

NAME		Duration
Bougiatioti	Aikaterina	2009-2012
Kalivitis	Nikolaos	2009-2010
Kouvarakis	Giorgos	2002-2006
Violaki	Kalliopi	2009-2012
Markaki	Zambia	2008
Liakakou	Eleni	2007
Gerasopoulos	Evangelos	2005-2007
Arsene	Cecilia	2007-2009
Theodosi	Christina	2011-2012

E. International recognition

- > 4700 citations in the international literature.
- > **4000 third-party citations** (without the references from collaborators and self-citations). The detailed list of publications is provided in section (F) below.
- **Invited speaker** at 21 international scientific conferences, at 3 of which as **keynote speaker**. The detailed list is provided in section F.
- Member of the **Editorial Board**: Atmospheric Chemistry and Physics (ACP) <http://www.atmos-chem-phys.org>.
ACP is one of the official international scientific peer –reviewed journals of the European Geosciences Union, and the most reliable scientific journal of atmospheric science in Europe (since 2005) with an **impact factor of 5.52**.
- **Guest editor** in 5 special issues of ACP: (Minos campaign, IGAC conference, Solar Eclipse, Pegasos, dust and its role on climate)
- Guest editor in a special issue of Journal of Marine Sciences (JMS, topic: Regional comparisons).
- Regular **referee** of scientific articles (more than 70) in most of the international scientific journal of my discipline as well as for scientific monographs, a non complete list is given below:
 - Atmospheric Environment
 - Geophysical Research Letters
 - Journal of the Air and Waste Management Association
 - Marine Chemistry
 - Tellus
 - Journal of Geophysical Research.
 - Chemosphere
 - Water, Air and Soil Pollution
 - Oceanologica Acta
 - Aquatic Sciences (AS)
 - Canadian Journal of Fisheries & Aquatic Sciences
 - Journal of Arid Environment
 - Environment International
 - Science of the total Environment
 - Journal of Atmospheric Chemistry
 - Atmospheric research
 - Atmospheric Chemistry and Physics
 - Environmental Science and technology
 - Environmental Monitoring and Assessment.

Referee/Evaluator of research projects submitted for financial support to national and international organizations:

- 1) European Union (E.U.) DGXII “Environment” & “MAST “Programmes,
- 2) German Federal Ministry for Education and Research (BMBF),
- 3) General Secretary for Research and Technology (GRST),
- 4) ANR-CNRS (France),

- 5) NSF (US),
- 6) NERC (UK).

- Evaluator/ Examination of PhD thesis dissertations at non-Greek Universities:
 - 1) University Paris VI, Pierre & Marie Curie (France; 3 times)
 - 2) University Joseph Fourier, Grenoble (France; 2 times)
 - 3) University Paris VII, Denis Diderot, (France, 4 times)
 - 4) University of Helsinki
 - 5) University of Hamburg

- Evaluator/ Examination of Habilitations:
 - 1) University of Bremen (Germany)
 - 2) University Paris VII, Denis Diderot (France)

- Member and Chairman of the evaluation panel of NATO in the frame of the action ‘Science for Peace and Security, Environmental Security’. First invitation as evaluator was in 2004, then a year after he served as vice-chair of the panel and in 2006 as Chairman.
- Convener of 10 International and several Greek Conferences (as member of the organizing scientific Committee).
- President of the Scientific Organizing Committee of the next International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP) to take place on Crete Island, in May 2014.
- Co-organizer of the International Conference on climate Change in the frame of the EU project DARECLIMED Crete in May 2013 (see list of research projects).
- Co-convener of a scientific session on aerosols and their climate impact in the Mediterranean of the next European Geophysical Union (EGU) General Assembly 2013, Vienna/Austria, 07 – 12 April 2013.

-

International and National Collaborations.

- (1991-today): Observations of the ionic composition of rain and aerosols in the Indian ocean, monitoring of dimethylsulfide (DMS) atmospheric concentrations. French research project with the University of Crete as the only non-French collaborator.

Collaboration in the frame of research projects and student exchanges with the following Greek and International Institutes and Universities.

Greece:

- National Technical University of Athens, Department of Chemical Engineering, Prof., A. Chaloulakou; General Department Prof. A. Papayiannis.

- Foundation for Research and Technology, Hellas (FORTH), Institute of Chemical Engineering Sciences (ICE-HT) Prof. S. Pandis
- University of Patras, Department of Chemical Engineering,, Prof. S. PAndis, Department of Chemistry, Prof. S. Glavas
- Aristotle University of Thessaloniki, Physics Department, Profs. A. Bais, D. Balis, D. Melas, Geology Department, Prof. P. Zanis.
- National and Kapodestrian University of Athens, Department of Physics, Profs. G. Kallos, M. Tombrou.
- University of Ioannina, Prof. N. Hatzianastassiou
- Technical University of Crete, Prof. M. Lazaridis
- University of the Aegean Profs. Ch. Pilinis, G. Biskos
- Academy of Athens Prof. Ch. Zerefos
- Natioanl Observatory of Athens, Drs. E. Gerasopoulos, V. Amiridis
- Demokritos National Center for Scientific Research: Dr. K. Eleftheriadis
- Hellenic Center for Marine Research HCMR, Drs, E. Papatthanassiou, A. Gogou, G. Petihakis.

International Collaborations:

- Max Planck for Chemistry, Mainz, (Germany), Profs. P. Crutzen, J. Lelieved.
- CNRS (France), Drs. J. Sciare, B. Bonsang, S. Belviso
- CEA (France), Dr, F. Dulac
- University Paris VI, Pierre & Marie Curie, (France), Dr., M.D. Loye-Pilot
- University Joseph Fourier, Grenoble, (France), Drs., P.Laj, M. Legrand
- University Paris VII, Denis Diderot, (France), Drs. R. Losno, K. Desboeufs.
- University of Helsinki (Finland), Profs., M. Kulmala, V.M. Kerminen
- University of Hamburg (Germany), Prof., K. Emeis
- University of Bremen (Germany), Prof., J. Burrows
- Institute of Tropospheric Chemistry (Leipzig, Germany), Prof., A. Widensholer
- Paul Scherrer Institute, (Switzerland), Prof, Urs Baltensperger
- Istituto di Scienze dell'Atmosfera e del Clima, (Italy), Drs., Sandro Fuzzi, Cristina Facchini
- University of Leeds, (U.K.), Prof. M. Krom
- School of Earth and Atmospheric Sciences, Georgia Institute of Technology, (US), Prof. A. Nenes
- Sapporo University, Institute of Low Temperature, (Japan), Prof. K. Kawamura
- Cyprus Institute, (Cyprus), Prof. L. Barrie
- University of Oslo, (Norway), Dr. M. Gauss
- Bergische Universität, Wuppertal, (Germany), Prof. K.H. Becker, Dr. I. Barnes.
- Ispra (Italy), Drs. J.P. Putaud, F. Dentener.
- Middle East Technical University, METU, (Turkey), Prof. M. Kocak.
- Israel Oceanographic and Limnological Research, (Israel), Prof. H. Barak.
- School of Geography, Earth and Environmental Sciences, University of Plymouth, UK, Dr. M. Nimmo.

F. Publication list

PUBLICATIONS IN PEER-REVIEWED JOURNALS

* = corresponding author

1. Belviso S., Mihalopoulos N., Nguyen B.C., The supersaturation of carbonyl sulfide (OCS) in rain waters, Atmos. Environ., 21, 1363-1367, 1987.
2. Nguyen B.C., Belviso S., Mihalopoulos N., Gostan J., Nival P. Dimethylsulfide production during natural phytoplanktonic blooms, Marine Chemistry, 24, 133-141, 1988.
3. Mihalopoulos N., Bonsang B., Nguyen B.C., Kanakidou M., Belviso S. Field observations of carbonyl sulfide deficit near the ground: Possible implication of vegetation, Atmos. Environ., 10, 2159-2166, 1989.
4. Nguyen B.C., Mihalopoulos N., Belviso S. Seasonal variation of atmospheric dimethylsulfide at Amsterdam island in the southern Indian ocean, J. Atmos. Chem., 11, 123-143, 1990.
5. Jean-Baptiste P., Belviso S., Alaux G., Nguyen B.C., Mihalopoulos N. 3He and methane in the Gulf of Aden, Geochim. Cosmochim. Acta, 54, 111-116, 1990.
6. Belviso S., Kim S.K., Rassoulzadegan F., Krajka B., Nguyen B.C., Mihalopoulos N., P. Buat-Menard. Production of dimethylsulfonium propionate (DMSP) and dimethylsulfide (DMS) by the microbial food web. Limnol. Oceanogr., 35, 1810-1821, 1990.
7. Mihalopoulos N., Putaud J.P., Nguyen B.C, Belviso S. Annual variation of atmospheric carbonyl sulfide in the marine atmosphere in the southern Indian Ocean, J. Atmos. Chem., 13, 73-82, 1991.
8. Gaudry A., Kanakidou M., Mihalopoulos N., Bonsang B., Bonsang G., Monfray P., Tymen R., Nguyen B.C. Atmospheric trace compounds at a European coastal site: Application to CO₂, CH₄ and COS fluxes determinations, Atmos. Environ., 26A, 145-157, 1992.
9. Bingemer H., Andreae, M.O., Andreae T., Artaxo P., Hellas G., Jacob R.A., Mihalopoulos N., Nguyen B.C. Sulfur gases and aerosols in and above the equatorial African forest, J. Geophys. Res. 97, D6, 6207-6217, 1992.
10. Mihalopoulos N., Nguyen B.C, Boissard C., Campin J.M., Putaud J.P., Belviso S., Barnes I., Becker K.H. Field study of Dimethylsulfide oxidation in the boundary layer: Variation of Dimethylsulfide, Methanesulfonic acid, Sulfur dioxide, non-sea-salt-sulfate and Aitken Nuclei at a coastal site, J. Atmos. Chem., 14, 459-477, 1992.
11. Mihalopoulos N., Barnes I., Becker K.H. Infrared Absorption spectra and integrated band intensities for gaseous methanesulphonic acid (MSA), Atmos. Environ., 26A, 807-812, 1992.
12. Nguyen B.C, Mihalopoulos N., Gaudry A., Putaud J.P., Gallet L., Keene W.C., Galloway J.N., Covariations in oceanic dimethylsulfide its oxidation products and rain acidity at

Amsterdam island in the southern Indian ocean, *J. Atmos. Chem.*, 15, 39-53, 1992.

13. Putaud J.P., Mihalopoulos N., Nguyen B.C, J.M. Campin, Belviso S. Seasonal variation of atmospheric sulfur dioxide and dimethyl sulfide concentrations at Amsterdam island in the Southern Indian Ocean, *J. Atmos. Chem.*, 15A, 117-131, 1992.

14. Mihalopoulos N., Nguyen B.C, Putaud J.P., Belviso S. The oceanic source of carbonyl sulfide (COS), *Atmos. Environ.*, 26A, 1383-1394, 1992.

15. Mihalopoulos N., Putaud J.P., Nguyen B.C., Seasonal variation of methanesulfonic acid in precipitation at Amsterdam Island in the Southern Indian Ocean. *Atmos. Environ.*, 27A, 2069-2073, 1993.

16. Putaud J.P., Belviso S., Nguyen B.C., Mihalopoulos N., Dimethylsulfide, aerosol and condensation nuclei over the Tropical Northeastern Atlantic Ocean, *J. Geophys. Res.*, 98, 14863-14871, 1993.

17. Nguyen B.C., Mihalopoulos N., Putaud J.P., Rice straw burning in Southeast Asia as a source of CO and COS to the Atmosphere. *J. Geophys. Res.*, 99, 16435-16439, 1994.

18. Nguyen B.C., Putaud J.P., Mihalopoulos N., Bonsang B., CH₄ and CO emissions from rice straw burning in Southeast Asia. *J. Environmental Monitoring and Assessment*, 31, 131-137, 1994.

19. Barnes I., Becker K.H., Mihalopoulos N., FT-IR product study of the photooxidation of dimethyl disulfide, *J. Atmos. Chem.* 18, 267-289, 1994.

20. Nguyen B.C., Mihalopoulos N., Putaud J.P., Bonsang B., Carbonyl sulfide emissions from biomass burning in tropics. *J. Atmos. Chem.* 22, 55-65, 1995.

21. Mihalopoulos N*, Stephanou E., Pilitsidis S., Kanakidou M., Bousquet P., Atmospheric aerosol composition above the Eastern Mediterranean region, *Tellus*, 49B, 314-326, 1997.

22. Sciare J., Baboukas E., Hancy R., N. Mihalopoulos*, Nguyen B.C., Seasonal variation of dimethylsulfoxide in rainwater at Amsterdam Island : Implications for the Biogenic Sulfur cycle. *J. Atmos. Chem.* 30, 229-240, 1998.

23. Kavouras I.G., Mihalopoulos N., Stephanou E.G., Formation of atmospheric particles from organic acids produced by forests, *Nature*, 395, 683-686, 1998.

24. Patroescu J., Barnes I., Becker K.H., Mihalopoulos N., FTIR product study of the OH initiated oxidation of DMS in the presence of NO_x, *Atmos. Environ.* 33, 25-35, 1999.

25. Kavouras I.G., Mihalopoulos N., Stephanou E.G., Formation and gas/particle partitioning of monoterpenes photo-oxidation products over forests, *Geophys. Res. Letters*, 26, 55-58, 1999.

26. Putaud J.P., Davison C., Watts S.F., Mihalopoulos N., Hewitt N., Nguyen B.C., Dimethylsulfide and its oxidation products at two sites in Brittany, *Atmos. Environ.*, 33, 647-659, 1999.

27. Sciare J., N. Mihalopoulos*, and Nguyen B.C.. Summer-time seawater concentrations of dimethylsulfide in the western Indian Ocean: Reconciliation of fluxes and spatial variability with long-term atmospheric observations. J. Atmos. Chem. 32, 357-373, 1999.
28. Kavouras I.G., Mihalopoulos N., Stephanou E.G., Secondary organic aerosol formation vs primary organic aerosol emission: In situ evidence for the chemical coupling between monoterpene acidic photooxidation products and new particle formation over forests, Environ. Sci. Technol., 33, 1028-1037, 1999.
29. Kettle A.J., Andreae M.O., Amouroux D., Andreae T.W., Bates T.S., Berresheim H., Bingemer H., Boniforti R., Curran M.A., Ditullio G.R., Helas G., Jones G.B., Keller M.D., Kiene R.P., Leck C., Lévassieur M., Malin G., Maspero M., Matrai P., McTaggart A.R., Mihalopoulos N., Nguyen B.C., Novo A., Putaud J.P., Rapsomanikis S., Roberts G., Schebeske G., Sharma S., Simo R., Staubes R., Turner S., Uher G., A global data base of sea surface dimethylsulfide measurements and a procedure to predict sea surface DMS as a function of latitude, longitude and month, Global Biogeochem. Cycles, 399-444, 1999.
30. Sciare, J., and N. Mihalopoulos*, A new technique for sampling and analysis of atmospheric dimethylsulfoxide (DMSO), Atmos. Environ., 34, 151-156, 2000.
31. Kouvarakis G., Tsigaridis K., Kanakidou M., and N. Mihalopoulos*, Temporal variations of surface regional background ozone over Crete Island in the Southeast Mediterranean. J. Geophys. Res., 105, 4,399 - 4,407, 2000.
32. Belviso, S., Morrow, R., Mihalopoulos, N., An Atlantic meridional transect of surface water dimethyl sulfide concentrations with 10-15 km horizontal resolution and close examination of ocean circulation, J. Geophys. Res. 105, 14,423 – 14,457, 2000.
33. Sciare, J., Baboukas, E., Kanakidou, M., Krischke, U., Belviso, S., Bardouki, H., N. Mihalopoulos*, Spatial and temporal variability of atmospheric sulfur-containing gases and particles during the Albatross campaign, J. Geophys. Res., 105, 14,433 – 14,448, 2000.
34. Patris, N., Mihalopoulos, N., Baboukas, E. D., Jouzel, J., Isotopic composition of sulfur in size-resolved marine aerosols above the Atlantic Ocean, J. Geophys. Res., 105, 14,449 – 14,457, 2000.
35. Baboukas, E. D., Kanakidou, M., N. Mihalopoulos*, Carboxylic acids in gas and particulate phase above the Atlantic Ocean, J. Geophys. Res., 105, 14,459 – 14,471, 2000.
36. Sciare, J., Kanakidou M., and N. Mihalopoulos*, Diurnal and seasonal variation of atmospheric dimethylsulfoxide at Amsterdam Island in the southern Indian Ocean. J. Geophys. Res., 105, 17,257-17,265, 2000.
37. Sciare, J., N. Mihalopoulos*, and Dentener F., Interannual variability of atmospheric dimethylsulfide in the Southern Indian Ocean. J. Geophys. Res., 105, 26,369-26,377, 2000.
38. Sciare, J., Baboukas E., and N. Mihalopoulos*, Short-term variations of atmospheric DMS and its oxidation products at Amsterdam Island during summer time. J. Atmos. Chem., 39, 281-302, 2001.

39. Harrison, D., Hunter M.C., Lewis A.C., Seakins P.W, Bonsang B., Gros V., Kanakidou M., Touaty M., Kavouras I, Mihalopoulos N., Stephanou E., Alves C., Nunes T., Pio C., Ambient isoprene and monoterpene concentrations in a Greek fir (*Abies Borisii-regis*) forest. Reconciliation with emissions measurements and effects on measured OH concentrations, Atmos. Environ., 35, 4,699-4,711, 2001.
40. Stephanou, E.G., Kavouras I., Mihalopoulos N., Comment on “Formation of new particles in the gas-phase ozonolysis of monoterpenes ”by Koch et al. Atmospheric Environment 34 (2000) 4031 –4042), Atmos. Environ., 35, 4523 –4524, 2001.
41. N. Mihalopoulos*, Nguyen B.C., Vertical distribution of Carbonylsulfide in a eucalyptus forest, Chemosphere, 3, 275-282, 2001.
42. Kouvarakis, G., N. Mihalopoulos*, Tselepides T., Stavrakakis S., On the importance of atmospheric nitrogen inputs on the productivity of Eastern Mediterranean, Global Biogeochem. Cycles, 15, 805-818, 2001.
43. Kouvarakis G., and N. Mihalopoulos*, Seasonal variation of dimethylsulfide in the gas phase and of methanesulfonate and non-sea-salt sulfate in the aerosol phase measured in the Eastern Mediterranean atmosphere, Atmos. Environ., 36, 929-938, 2002.
44. Economou C., and N. Mihalopoulos*, Formaldehyde in the rainwater in the Eastern Mediterranean: Concentration, deposition and contribution to organic carbon budget, Atmos. Environ., 36, 1337-1347, 2002.
45. Sciare, J., N. Mihalopoulos*, Nguyen B.C., Spatio-temporal variability of dissolved sulfur compounds in European estuaries, Biogeochemistry, 59, 121-141, 2002.
46. Kouvarakis G., Bardouki H., and N. Mihalopoulos*, Sulfur budget above the Eastern Mediterranean: Relative contribution of anthropogenic and biogenic sources, Tellus, 54B, 201-212, 2002.
47. Bardouki H., Barcellos da Rosa M., N. Mihalopoulos*, Palm U., and Zetzsch C., Kinetics and Mechanism of the Oxidation of Dimethylsulfoxide (DMSO) and Methanesulphinate (MSI) by OH Radicals in Aqueous Medium, Atmos. Environ., 36, 4627-4634, 2002.
48. Kouvarakis G., Vrekoussis M., N. Mihalopoulos*, Kourtidis K., Rappengluck B., Gerasopoulos E. and Zerefos C., Spatial and temporal variability of tropospheric ozone (O₃) in the boundary layer above the Aegean Sea (Eastern Mediterranean), J. Geophys. Res., 107, 8137, 10.1029/2000JD000081, 2002.
49. Kourtidis K., Zerefos C., Rapsomanikis S., Simeonov V., Balis D., Perros P. E., Thompson A. M., Witte J., Calpini B., Sharobiem W. M., Papayannis A., Mihalopoulos N., Drakou R., Regional levels of Ozone over the eastern Mediterranean, J. Geophys. Res., 107, 8140, 10.1029/2000JD000140, 2002.
50. Kouvarakis, G., Doukelis, Y., N. Mihalopoulos*, Rapsomanikis, S., Sciare, J., and Blumthaler, M., 2002, Chemical, physical and optical characterization of aerosols during PAUR II experiment, J. Geophys. Res., 10.1029/2000JD000291, 28 September 2002.

51. Kubilay N., Koçak M., Çokacar T., Oguz T., Kouvarakis G., and Mihalopoulos N., The Influence of Black Sea and Local Biogenic Activity on the Seasonal Variation of Aerosol Sulfur Species in the Eastern Mediterranean Atmosphere, Global Biogeochem. Cycles, 16, 1029/2002GB001880, 2002.
52. Baboukas. E, Sciare J., and N. Mihalopoulos*, Interannual variability of methanesulfonic acid in rainwater at Amsterdam Island (Southern Indian Ocean), Atmos. Environ., 36, 5131-5139, 2002.
53. Lelieveld J., Berresheim H., Borrmann S., Crutzen P. J., Dentener F. J., Fischer H., Feichter J., Flatau P. J., Heland J., Holzinger R., Kormann R., Lawrence M. G., Levin Z., Markowicz K. M., Mihalopoulos N., Minikin A., Ramanathan V., de Reus M., Roelofs G. J., Scheeren H. A., Sciare J., Schlager H., Schultz M., Siegmund P., Steil B., Stephanou E. G., Stier P., Traub M., Warneke C., Williams J., Ziereis H., Global Air Pollution Crossroads over the Mediterranean, Science, 298, 794-799, 2002.
54. Arsene C., Barnes I., Becker K.H, Schneider W., Mihalopoulos N., Patroescu-Klotz I., Formation of methane sulfinic acid in the gas phase OH-radical initiated oxidation of dimethyl sulfoxide, Environ. Sci. and Technol., 36, 5155-5163, 2002.
55. Bardouki H., Liakakou H., Economou C., Smolik J., Zdimal V., Eleftheriadis K., Lazaridis M. and N. Mihalopoulos*, Chemical Composition of Size Resolved Atmospheric Aerosols in the Eastern Mediterranean During Summer and Winter, Atmos. Environ., 37, 195-208, 2003.
56. Sciare, J., H. Bardouki, C. Moulin, and N. Mihalopoulos*, Aerosol sources and their contribution to the chemical composition of aerosols in the Eastern Mediterranean Sea during summertime, Atmos. Chem. Phys., 3, 291–302, 2003.
57. Salisbury, G., J. Williams, R. Holzinger, V. Gros, N. Mihalopoulos, M. Vrekoussis, R. Sarda-Estève, H. Berresheim, R. von Kuhlmann, M. Lawrence, and J. Lelieveld, Ground-based PTR-MS measurements of reactive organic compounds during the MINOS campaign in Crete, July-August 2001, Atmos. Chem. Phys., 3, 925-940, 2003.
58. Berresheim, H, C. Plass-Dülmer, T. Elste, N. Mihalopoulos, and F. Rohrer, OH in the coastal boundary layer of Crete during MINOS: Measurements and relationship with ozone photolysis, Atmos. Chem. Phys., 3, 639-649, 2003.
59. Z. Markaki, K. Oikonomou, M. Kocak, G. Kouvarakis, A. Chaniotaki, N. Kubilay and N. Mihalopoulos*, Atmospheric deposition of inorganic phosphorus in the Levantine Basin, Eastern Mediterranean: Spatial, temporal variability and its role on the productivity of the Eastern Mediterranean Sea, Limnol. Oceanogr., 48: 1557-1568, 2003
60. R. Sander, W. C. Keene, A. A. P. Pszenny, R. Arimoto, G. P. Ayers, E. Baboukas, J. M. Cainey, P. J. Crutzen, R. A. Duce, G. Honninger, B. J. Huebert, W. Maenhaut, N. Mihalopoulos, V. C. Turekian, and R. Van Dingenen, Inorganic bromine in the marine boundary layer: a critical review, Atmos. Chem. Phys., 3, 1301-1336, 2003.

61. Sciare, J., H. Cachier, K. Oikonomou, P. Ausset, R. Sarda-Estève, and N. Mihalopoulos, Characterization of Carbonaceous Aerosols during the MINOS campaign in Crete, July-August 2001, *Atmos. Chem. Phys.*, 3, 1743-1757, 2003.
62. Bardouki, H., Berresheim, H., Sciare, J., Vrekoussis, M., Kouvarakis, G., Oikonomou, C., Schneider, J., N. Mihalopoulos*, Gaseous (DMS, DMSO, SO₂, H₂SO₄, MSA) and particulate (MS⁻ and SO₄²⁻) sulfur compounds during the MINOS campaign, *Atmos. Chem. Phys.*, 3, 1871-1886, 2003.
63. Kniventon, D.R., Todd, M.C., Sciare, J., Mihalopoulos, N., Variability of atmospheric dimethylsulphide over the southern Indian Ocean due to changes in ultraviolet radiation, *Global Biogeochem. Cycles*, Vol. 17, No. 4, 1096, 10.1029/2003.
64. Smolik J., Zdimal V., Schwartz, J., Lazaridis M., Harnvanek V., Eleftheriadis K., Mihalopoulos N., C. Bryant, Colbeck I., Size resolved mass concentrations and chemical composition of atmospheric aerosols over the eastern Mediterranean area, *Measurements of Particulate Matter*, *Atmos. Chem. Phys.*, 3, 2207-2216, 2004.
65. Vrekoussis, M., M. Kanakidou*, N. Mihalopoulos*, P. J. Crutzen, J. Lelieveld, D. Perner, H. Berresheim, Role of NO₃ radicals in oxidation processes in the Eastern Mediterranean troposphere during the MINOS campaign, *Atmos. Chem. Phys.*, 4, 169-182, 2004.
66. Schneider, J., S. Borrmann, A. G. Wollny, M. Blödsner, N. Mihalopoulos, K. Oikonomou, J. Sciare, A. Teller, Z. Levin, D. R. Worsnop, On-line mass spectrometric aerosol measurements during the MINOS campaign (Crete, August 2001), *Atmos. Chem. Phys.*, 4, 65-80, 2004.
67. Koçak M., Kubilay N., and Mihalopoulos N., Ionic composition of the lower tropospheric aerosols in a NE Mediterranean site: Implication regarding sources and long-range transport, *Atmos. Environ.*, 38, 2067-2077, 2004.
68. Putaud P., Baltensperger U., Facchini M.-C., Fuzzi S., Gehrig R., Hansson H.-C., Harrison R. M., Jones A. M., Laj P., Maenhaut W., Mihalopoulos N., Palmgren F., Querol X., Raes F., Rodriguez S., Ten Brink H., Tunved P., Van Dingenen R., Wehner B., Weingartner E., Wiedensohler A., Wählén P., *Atmos. Environ.*, 38, 2579-2595, 2004.
69. Baboukas, E., J. Sciare, and N. Mihalopoulos*, Spatial, temporal and Interannual variability of methanesulfonate and non-sea-salt sulfate in rainwater in the Southern Indian Ocean, *J. Atmos. Chem.*, 35-57, 2004.
70. Astitha M, Kallos G, Mihalopoulos N, Analysis of air quality observations with the aid of the source-receptor relationship approach, *J Air Waste Manage* 55 (4): 523-535, 2005.
71. Kniveton DR, Todd MC, Sciare J, N. Mihalopoulos, The net effect of ultraviolet radiation on atmospheric dimethylsulphide over the Southern Indian Ocean, *Philos. T Roy Soc A* 363 (1826): 187-189, 2005.
72. Gerasopoulos E, Kouvarakis G, Vrekoussis M, Kanakidou M, N. Mihalopoulos*, Ozone variability in the marine boundary layer of the eastern Mediterranean based on 7-year observations, *J. Geophys. Res.*, 110 (D15): art. no. D15309 AUG 13 2005.

73. Sciare J, Oikonomou K, Cachier H, Mihalopoulos N, Andreae MO, Maenhaut W, Sarda-Esteve, Aerosol mass closure and reconstruction of the light scattering coefficient over the Eastern Mediterranean Sea during the MINOS campaign *Atmos. Chem. Phys.*, 5: 2253-2265 AUG 23 2005.
74. M. Vrekoussis, E. Liakakou, M. Koçak, N. Kubilay, K. Oikonomou, J. Sciare and N. Mihalopoulos*, Seasonal variability of optical properties of aerosols in the Eastern Mediterranean, *Atmos. Environ.*, 39, 7083-7094, 2005.
75. Barnes, I., Jens Hjorth and Nikos Mihalopoulos, Dimethyl Sulfide and Dimethyl Sulfoxide and Their Oxidation in the Atmosphere, *Chem. Rev.* 106, 940-975, 2006.
76. Vrekoussis, M., Liakakou, E., Mihalopoulos, N., and Kanakidou, M., P. J. Crutzen, and J. Lelieveld, Formation of HNO₃ and NO₃ in the anthropogenically-influenced eastern Mediterranean marine boundary layer, *GRL.*, 33, L05811, doi:10.1029/2005GL025069, 2006
77. Gerasopoulos, E., Kouvarakis, G., Vrekoussis, M., Donoussis, C., Mihalopoulos, N., and Kanakidou, M., Photochemical ozone production in the Eastern Mediterranean, *Atmos. Environ.*, 40, 3057-3069, 2006.
78. D. Balis, V. Amiridis, S. Kazadzis, Papayannis, G. Tsaknakis, S. Tzortzakis, N. Kalivitis, M. Vrekoussis, M. Kanakidou, N. Mihalopoulos, G. Chourdakis, S. Nickovic, C. Pérez, J. Baldasano, M. Drakakis, Optical Characteristics of desert dust over the East Mediterranean during summer: A case study, *Annales Geophysicae*, 24: 807 – 821, 2006.
79. Metzger, S., N. Mihalopoulos, and J. Lelieveld, Importance of mineral cations and organics in gas-aerosol partitioning of reactive nitrogen compounds: case study based on MINOS results, *Atmos. Chem. Phys.*, 6, 2549–2567, 2006.
80. Gerasopoulos, E., G. Kouvarakis, P. Babasakalis, M. Vrekoussis, J.-P. Putaud, and N. Mihalopoulos*, Origin and variability of particulate matter (PM₁₀) mass concentrations over the Eastern Mediterranean, *Atmos. Environ.*, 40, 4679–4690, 2006.
81. Eleftheriadis, K., I. Colbeck, C. Housiadas, M. Lazaridis, N. Mihalopoulos, C. Mitsakou, J. Smolík and V. Ždímal, Size distribution, composition and origin of the submicron aerosol in the marine boundary layer during the eastern Mediterranean “sub-aero” experiment, *Atmos. Environ.*, 40, 6245-6260, 2006.
82. Spyridaki, M. Lazaridis, K. Eleftheriadis, J. Smolik, N. Mihalopoulos, and V. Aleksandropoulou, Modelling and evaluation of size resolved aerosols characteristics in the Eastern Mediterranean during the Sub-aero project, *Atmos. Environ.*, 40, 6261-6275, 2006.
83. Bryant C., Eleftheriadis K., Smolik J., Zdímal V., Mihalopoulos N., and Colbeck, I., Optical properties of atmospheric aerosol over the eastern Mediterranean, *Atmos. Environ.*, 40, 6229-6244, 2006.
84. Lazaridis, M., Eleftheriadis K., Smolik J., Colbeck I., Kallos G., Drossinos I., Zdímal V., Vecera Z., Mihalopoulos N., Mikuska P., Bryant C., Housiadas C., Spiridaki A., Astitha M., and Havranek V., Dynamics of fine particles and photo-oxidants in the Eastern Mediterranean (SUB-AERO), *Atmos. Environ.*, 40, 6214-6228, 2006

85. A. Fotiadi, N. Hatzianastassiou, E. Drakakis, C. Matsoukas, K. G. Pavlakis, D. Hatzidimitriou, E. Gerasopoulos, N. Mihalopoulos, and I. Vardavas, Aerosol physical and optical properties in the Eastern Mediterranean Basin, Crete, from Aerosol Robotic Network data, Page(s) 5399-5413, ACP, SRef-ID: 1680-7324/acp/2006-6-5399, 2006.
86. Vrekoussis M, Mihalopoulos N, Gerasopoulos E, Kanakidou M, Crutzen PJ, Lelieveld , Two-years of NO₃ radical observations in the boundary layer over the Eastern Mediterranean, Atmos. Chem. Phys., 7: 315-327 JAN 22 2007.
87. Liakakou, E., M. Vrekoussis, B. Bonsang, Ch. Donousis, M. Kanakidou and N. Mihalopoulos*, Isoprene above the Eastern Mediterranean: Seasonal variation and contribution to the oxidation capacity of the atmosphere, Atmos. Environ., 41,1002-1010 , 2007.
88. Kalivitis N., E. Gerasopoulos, M. Vrekoussis., G. Kouvarakis, N. Kubilay, N. Hatzianastassiou., I. Vardavas, N. Mihalopoulos*, (2007), Dust transport over the Eastern Mediterranean derived from TOMS, AERONET and surface measurements, J. Geophys. Res., 112 (D3): art. no. D03202, FEB 7 2007.
89. Gerasopoulos, E., E. Koulouri, N. Kalivitis, G. Kouvarakis, S. Saarikoski, T. Mäkelä, R. Hillamo, and Mihalopoulos*, Size-segregated mass distributions of aerosols over Eastern Mediterranean: seasonal variability and comparison with AERONET columnar size-distributions, Atmos. Chem. Phys., SRef-ID: 1680-7324/acp/2007-7-2551.
90. Koçak, M., N., Mihalopoulos and N. Kubilay Contributions of natural sources to high PM₁₀ and PM_{2.5} events in the eastern Mediterranean, Atmos. Environ., 41 (18): 3806-3818 JUN 2007.
91. Mihalopoulos* N., V.M. Kerminen, M. Kanakidou, H. Berresheim and J. Sciare, Formation of particulate sulfur species (sulfate and methanesulfonate) during summer over the Eastern Mediterranean: A modelling approach , Atmos. Environ., Volume 41, Issue 32, , Pages 6860-6871, October 2007.
92. Koçak, M., N., Mihalopoulos and N. Kubilay , Chemical composition of the fine and coarse fraction of aerosols in the northeastern Mediterranean, Atmos. Environ., 41, (34), 7351-7368, November 2007.
93. Arsene C., A. Bougiatioti, M. Kanakidou, B. Bonsang, and N. Mihalopoulos, Tropospheric OH and Cl levels deduced from non-methane hydrocarbon measurements in a marine site, Atmos. Chem. Phys., 7, 4661-4673, 2007.
94. Zerefos C. S. , E. Gerasopoulos, I. Tsagouri, B. E. Psiloglou, A. Belehaki, T. Herekakis, A. Bais, S. Kazadzis, C. Eleftheratos, N. Kalivitis, and N. Mihalopoulos, Evidence of gravity waves into the atmosphere during the March 2006 total solar eclipse, Atmos. Chem. Phys., 7, 4943-4951, 2007
95. Arsene C., Romeo Iulian Olariu and N. Mihalopoulos, Chemical composition of rainwater in the north-eastern Romania, Iasi region (2003-2006), Atmos. Environ., 41 (40): 9452-9467, 2007

96. Diapouli E, Chaloulakou A, Mihalopoulos N, Indoor and outdoor PM mass and number concentrations at schools in the Athens area , Environmental Monitoring and Assessment, 136, 2008.
97. Zanis P, Katragkou E, Kanakidou M, Psiloglou BE, Karathanasis S, Vrekoussis M, Gerasopoulos E, Lisaridis I, Markakis K, Poupkou A, Amiridis V, Melas D, Mihalopoulos N, Zerefos C, Effects on surface atmospheric photo-oxidants over Greece during the total solar eclipse event of 29 March 2006, ACP, 7 (23): 6061-6073 2007.
98. Lazaridis M, Dzumbova L, Kopanakis I, Ondracek J, Glytsos T, Aleksandropoulou V, Voulgarakis A, Katsivela E, Mihalopoulos N, Eleftheriadis K, PM10 and PM2.5 levels in the eastern Mediterranean (Akrotiri research station, Crete, Greece), Water, Air and Soil Pollution, 189, 85-101, 2008
99. Papadimas, C.D., N. Hatzianastassiou, N. Mihalopoulos, X. Querol, and I. Vardavas, 2008, Spatial and temporal variability in aerosol properties over the Mediterranean basin based on 6-year (2000–2006) MODIS data, JGR, 113(D11), D11205, doi:10.1029/2007JD009189, 2008
100. B. Bohn, G. K. Corlett, M. Gillmann, S. Sanghavi, G. Stange, E. Tensing, M. Vrekoussis, W. J. Bloss, L. J. Clapp, M. Kortner, H.-P. Dorn, P. S. Monks, U. Platt, C. Plass-Dülmer, N. Mihalopoulos, D. E. Heard, K. C. Clemitshaw, F. X. Meixner, A. S. H. Prevot, and R. Schmitt, Photolysis frequency measurement techniques: results of a comparison within the ACCENT project, Atmos. Chem. Phys., 8, 5373-5391, 2008
101. J. Sciare, K. Oikonomou, O. Favez, Z. Markaki, E. Liakakou, H. Cachier, and N.Mihalopoulos*, Long-term measurements of carbonaceous aerosols in the Eastern Mediterranean: Evidence of long-range transport of biomass burning, Atmos. Chem. Phys., 8, 5551-5563, 2008
102. N. Kalivitis, W. Birmili, M. Stock, B. Wehner, A. Massling, A. Wiedensohler, E. Gerasopoulos, and N.Mihalopoulos*, Particle size distributions in the Eastern Mediterranean troposphere, Atmos. Chem. Phys., 8, 6729-6738, 2008.
103. Glavas Sotirios D., Panayiotis Nikolakis, Demetrios Ambatzoglou and Nikos Mihalopoulos, Factors affecting the seasonal variation of mass and ionic composition of PM2.5 at a central Mediterranean coastal site, Atmospheric Environment, 42, 21, 5365-537, 2008.
104. Koulouri, E., S. Saarikoski, C. Theodosi, Z. Markaki, E. Gerasopoulos, G. Kouvarakis, T. Mäkelä, R., Hillamo and N.Mihalopoulos*, Chemical composition and sources of fine and coarse aerosol particles in the Eastern Mediterranean, Atmospheric Environment, 42, 26, 6542-6550, 2008.
105. C. D. Papadimas, N. Hatzianastassiou, N. Mihalopoulos, M. Kanakidou, B. D. Katsoulis, and I. Vardavas, Assessment of the MODIS Collections C005 and C004 aerosol optical depth products over the Mediterranean basin, Atmos. Chem. Phys., 9 (9): 2987-2999 2009
106. P.D. Kalabokas, N. Mihalopoulos, R. Ellul, S. Kleanthous, C.C. Repapis, An investigation of the meteorological and photochemical factors influencing the background rural and marine surface ozone levels in the Central and Eastern Mediterranean, Atmospheric Environment, 42, 34, 7894-7906, 2008.

107. Mustafa Koçak, Nikos Mihalopoulos, Nilgün Kubilay, Origin and source regions of PM₁₀ in the Eastern Mediterranean atmosphere, Atmospheric Research, 92 (4): 464-474, 2009
108. Marmar E, Dentener F, van Aardenne J, Cavalli F, Vignati E, Velchev K, Hjorth J, Boersma F, Vinken G, Mihalopoulos N, Raes F, What can we learn about ship emission inventories from measurements of air pollutants over the Mediterranean Sea?, Atmos. Chem. Phys., 9 (18): 6815-6831 2009.
109. Bougiatioti A, Fountoukis C, Kalivitis N, Pandis SN, Nenes A, Mihalopoulos N*, Cloud condensation nuclei measurements in the marine boundary layer of the eastern Mediterranean: CCN closure and droplet growth kinetics, Atmos. Chem. Phys., 9 (18): 7053-7066 2009.
110. Querol X, Pey J, Pandolfi M, Alastuey A, Cusack M, Perez N, Moreno T, Viana M, Mihalopoulos N, Kallos G, Kleanthous S, African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin, Atmospheric Environment, 43 (28): 4266-4277 SEP 2009 .
111. Querol X, Alastuey A, Pey J, Cusack M, Perez N, Mihalopoulos N, Theodosi C, Gerasopoulos E, Kubilay N, Kocak M Variability in regional background aerosols within the Mediterranean, Atmos. Chem. Phys., 9 (14): 4575-4591 2009.
112. Liakakou E., B. Bonsang, J. Williams, N. Kalivitis, M. Kanakidou, Mihalopoulos N*, C₂–C₈ NMHCs over the Eastern Mediterranean: Seasonal variation and impact on regional oxidation chemistry, Atmospheric Environment 43, 5611–5621, (2009).
113. Mara, P., Mihalopoulos N*, A. Gogou, K. Daehnke, T. Schlarbaum, K. Emeis, and M. Krom (2009), Isotopic composition of nitrate in wet and dry atmospheric deposition on Crete in the eastern Mediterranean Sea, Global Biogeochem. Cycles, 23, GB4002, doi:10.1029/2008GB003395.
114. A. Gkikas, N. Hatzianastassiou, and N. Mihalopoulos, Aerosol events in the broader Mediterranean basin based on 7-year (2000–2007) MODIS C005 data, Ann. Geophys., 27, 3509-3522, 2009.
115. N. Hatzianastassiou, A. Gkikas, N. Mihalopoulos, O. Torres, B.D. Katsoulis, Natural versus anthropogenic aerosols in the eastern Mediterranean basin derived from multi-year TOMS and MODIS satellite data, , JGR, 114: Art. No. D24202 DEC 22 2009.
116. C. Theodosi, Z. Markaki, and N. Mihalopoulos*, Iron speciation, solubility and temporal variability in wet and dry deposition in the Eastern Mediterranean, Marine Chemistry, 120 (1-4), pp. 100-107, 2010.
117. Z. Markaki, M.D. Loÿe-Pilot, K. Violaki, L. Benyahya and N. Mihalopoulos*, Variability of atmospheric deposition of dissolved nitrogen and phosphorus in the Mediterranean and possible link to the anomalous seawater N/P ratio, Marine Chemistry, 120 (1-4), pp. 187-194, 2010.

118. K. Violaki, P. Zarbas, N. Mihalopoulos*, Long-term measurements of dissolved organic nitrogen (DON) in atmospheric deposition in the Eastern Mediterranean: Fluxes, origin and biogeochemical implications, Marine Chemistry, 120 (1-4), pp. 179-186, 2010.

119. C. Theodosi, Z. Markaki, A. Tselepidis and N. Mihalopoulos*, The significance of atmospheric inputs of soluble and particulate major and trace metals to the eastern Mediterranean seawater, Marine Chemistry, 120 (1-4), pp. 154-163, 2010.

120. L. Hildebrand, G. J. Engelhart, C. Mohr, E. Kostenidou, V. A. Lanz, A. Bougiatioti, P. F. DeCarlo, A. S. H. Prevot, U. Baltensperger, N. Mihalopoulos, N. M. Donahue, and S. N. Pandis, Aged organic aerosol in the Eastern Mediterranean: the Finokalia Aerosol Measurement Experiment – 2008, Atmospheric Chemistry and Physics, Volume 10, Issue 9, Pages 4167-4186, 2010.

121. Theodosi, C., Im, U., Bougiatioti, A., Zarmas, P., Yenigun, O., N. Mihalopoulos*, Aerosol chemical composition over Istanbul, Science of the Total Environment, 408 (12), pp. 2482-2491, 2010.

122. Terzi, E., Argyropoulos, G., Bougiatioti, A., Mihalopoulos, N., Nikolaou, K., Samara, C., Chemical composition and mass closure of ambient PM10 at urban sites Atmospheric Environment, 44 (18), pp. 2231-2239, 2010.

123. Pikridas, M., Bougiatioti, A., Hildebrandt, L., Engelhart, G.J., Kostenidou, E., Mohr, C., Prevot, A.S.H., Kouvarakis, G., Zarmas, P., Burkhardt, J.F., Lee, B.-H., Psychoudaki, M., N. Mihalopoulos, Pilinis, C., Stohl, A., Baltensperger, U., Kulmala, M., Pandis, S.N. The Finokalia Aerosol Measurement Experiment - 2008 (FAME-08): An overview, Atmospheric Chemistry and Physics, Volume 10, Issue 14, Pages 6793-6806, 2010.

124. Manninen, H.E., Nieminen, T., Asmi, E., Gagné, S., Häkkinen, S., Lehtipalo, K., Aalto, P., Vana, M., Mirme, A., Mirme, S., Hörrak, U., Plass-Dülmer, C., Stange, G., Kiss, G., Hoffer, A., Töro, N., Moerman, M., Henzing, B., De Leeuw, G., Brinkenberg, M., Kouvarakis, G.N., Bougiatioti, A., Mihalopoulos, N., O'Dowd, C., Ceburnis, D., Arneth, A., Svenningsson, B., Swietlicki, E., Tarozzi, L., Decesari, S., Facchini, M.C., Birmili, W., Sonntag, A., Wiedensohler, A., Boulon, J., Sellegri, K., Laj, P., Gysel, M., Bukowiecki, N., Weingartner, E., Wehrle, G., Laaksonen, A., Hamed, A., Joutsensaari, J., Petäjä, T., Kerminen, V.-M., Kulmala, M. EUCAARI ion spectrometer measurements at 12 European sites-analysis of new particle formation events, Atmospheric Chemistry and Physics, Volume 10, Issue 16, 2010, Pages 7907-7927, 2010.

125. Violaki, K., Mihalopoulos, N.*, Water-soluble organic nitrogen (WSO_N) in size-segregated atmospheric particles over the Eastern Mediterranean, Atmos. Environ., Volume 44, Issue 35, 4339-4345, 2010.

126. Im, U., Markakis, K., Unal, A., Kindap, T., Poupkou, A., Incecik, S., Yenigun, O., Melas, D., Theodosi, C., Mihalopoulos, N., Study of a winter PM episode in Istanbul using the high resolution WRF/CMAQ modeling system, Atmos. Environ., Volume 44, Issue 26, Pages 3085-3094, 2010.

127. Spracklen, D.V., Carslaw, K.S., Merikanto, J., Mann, G.W., Reddington, C.L., Pickering, S., Ogren, J.A., Andrews, E., Baltensperger, U., Weingartner, E., Boy, M., Kulmala, M.,

Laakso, L., Lihavainen, H., Kivekäs, N., Komppula, M., Mihalopoulos, N., Kouvarakis, G., Jennings, S.G., O'Dowd, C., Birmili, W., Wiedensohler, A., Weller, R., Gras, J., Laj, P., Sellegri, K., Bonn, B., Krejci, R., Laaksonen, A., Hamed, A., Minikin, A., Harrison, R.M., Talbot, R., Sun, J., Explaining global surface aerosol number concentrations in terms of primary emissions and particle formation, Atmospheric Chemistry and Physics Volume 10, Issue 10, Pages 4775-4793, 2010.

128. Lee, B.H., Kostenidou, E.b, Hildebrandt, L., Riipinen, I., Engelhart, G.J., Mohr, C., Decarlo, P.F., Mihalopoulos, N., Prevot, A.S.H., Baltensperger, U., Pandis, S.N, Measurement of the ambient organic aerosol volatility distribution: Application during the Finokalia Aerosol Measurement Experiment (FAME-2008), Atmospheric Chemistry and Physics, Volume 10, 12149–12160, 2010.

129. Hildebrandt, L., Kostenidou, E, Mihalopoulos, N., Worsnop, D., Donahue, N.M., Pandis, S.N., Formation of highly oxygenated organic aerosol in the atmosphere: Insights from the Finokalia Aerosol Measurement Experiments, Geophys. Res. Lett., Vol. 37, L23801, doi:10.1029/2010GL045193, 2010.

130. Emeis, K., Mara, P., T. Schlarbaum, Jürgen Möbius, K. Daehnke, Ulrich Struck, Mihalopoulos N., and M. Krom (2009), Isotope ratios of nitrate, dissolved reduced and particulate nitrogen in the Eastern Mediterranean Sea trace external N-inputs and internal N-cycling, J. Geophys. Res., 115, G04041, doi:10.1029/2009JG001214, 2010.

131. M. Kocak, N. Kubilay, S. Tugrul, and N. Mihalopoulos, Atmospheric nutrient inputs to the northern levantine basin from a long-term observation: sources and comparison with riverine inputs, Biogeosciences, 7, 4037–4050, 2010.

132. Cecilia Arsene, Romeo Iulian Olariu, Pavlos Zarnmpas, Maria Kanakidou, Nikolaos Mihalopoulos, Ion composition of coarse and fine particles in Iasi, north-eastern Romania: Implications for aerosols chemistry in the area, Atmos. Environ., Volume 45, Issue 4, 906-916, 2011.

133. Maria Kanakidou, Nikolaos Mihalopoulos, Tayfun Kindap, Ulas Im, Mihalis Vrekoussis, Evangelos Gerasopoulos, Eirini Dermitzaki, Alper Unal, Mustafa Koçak, Kostas Markakis, Dimitris Melas, Georgios Kouvarakis, Ahmed F. Youssef, Andreas Richter, Nikolaos Hatzianastassiou, Andreas Hilboll, Felix Ebojie, Folkard Wittrock, Christian von Savigny, John P. Burrows, Annette Ladstaetter-Weissenmayer, Hani Moubasher, Atmos. Environ., 45 (6), pp. 1223-1235, 2011.

134. Stock, M., Cheng, Y.F, Birmili, W., Massling, A, Wehner, Müller, T., Leinert, S., Kalivitis, N., Mihalopoulos, N., Wiedensohler, A. Hygroscopic properties of atmospheric aerosol particles over the Eastern Mediterranean: Implications for regional direct radiative forcing under clean and polluted conditions, Atmospheric Chemistry and Physics , 11 (9), pp. 4251-4271, 2011.

135. Engelhart, G.J., Hildebrandt, L., Kostenidou, E., Mihalopoulos, N., Donahue, N.M., Pandis, S.N., Water content of aged aerosol, Atmospheric Chemistry and Physics, 11 (3), pp. 911-920, 2011.

136. S. Myriokefalitakis, K. Tsigaridis, N. Mihalopoulos, J. Sciare, A. Nenes, A. Segers, and M. Kanakidou In-cloud oxalate formation in the global troposphere: a 3-D modeling study, Atmospheric Chemistry and Physics, 11 (12), pp. 5761-5782, 2011.
137. Ždímal, V., Smolík, J., Eleftheriadis, K., Wagner, Z, Housiadas, C., Mihalopoulos, N., Mikuška, P., Večeřa, Z., Kopanakis, I., Lazaridis, M., Dynamics of atmospheric aerosol number size distributions in the eastern Mediterranean during the "sUB-AERO" project, Water, Air, and Soil Pollution 214 (1-4), pp. 133-146, 2011.
138. Nenes, A., Krom, M.D., Mihalopoulos, N., Van Cappellen, P., Shi, Z., Bougiatioti, A., Zampas, P, Herut, B., Atmospheric acidification of mineral aerosols: A source of bioavailable phosphorus for the oceans, Atmospheric Chemistry and Physics 11 (13), pp. 6265-6272, 2011.
139. Asmi, A., Wiedensohler, A., Laj, P., Fjaeraa, A.-M., Sellegri, K., Birmili, W., Weingartner, E., Baltensperger, U., Zdimal, V., Zikova, N., Putaud, J.-P.h, Marinoni, A., Tunved, P., Hansson, H.-C., Fiebig, M., Kivekäs, N., Lihavainen, H., Asmi, E., Ulevicius, V., Aalto, P.P., Swietlicki, E., Kristensson, A., Mihalopoulos, N., Kalivitis, N., Kalapov, I., Kiss, G., De Leeuw, G., Henzing, B., Harrison, R.M., Beddows, D., O'Dowd, C., Jennings, S.G., Flentje, H., Weinhold, K., Meinhardt, F., Ries, L., Kulmala, M., Number size distributions and seasonality of submicron particles in Europe 2008-2009, Atmospheric Chemistry and Physics 11 (11), pp. 5505-5538
140. Séguret, M.J.M., Koçak, M., Theodosi, C., Ussher, S.J., Worsfold, P.J., Herut, B., Mihalopoulos, N., Kubilay, N., Nimmo, M., Iron solubility in crustal and anthropogenic aerosols: The Eastern Mediterranean as a case study, Marine Chemistry, 126, pp. 229-238, 2011.
141. Violaki, K., and Mihalopoulos N*, Urea: An important piece of Water Soluble Organic Nitrogen (WSON) over the Eastern Mediterranean, Science of the Total Environment, 409, 22, pp 4796-4801, 2011.
142. Nikolaos Kalivitis; Aekaterini Bougiatioti; Giorgos Kouvarakis and Nikolaos Mihalopoulos*, "Long term measurements of atmospheric aerosol optical properties in the Eastern Mediterranean", Atmospheric Research, 102 (3), pp. 351-357, 2011.
143. Koçak, M., Theodosi, C., Zampas, P., Im, U., Bougiatioti, A., Yenigun, O., Mihalopoulos, N*. Particulate matter (PM10) in Istanbul: Origin, source areas and potential impact on surrounding regions, Atmos. Environ., 45 (38), pp. 6891-6900, 2011.
144. Bougiatioti, A., Nenes, A., Fountoukis, C., Kalivitis, N., Pandis, S.N., Mihalopoulos, N*, Size-resolved CCN distributions and activation kinetics of aged continental and marine aerosol, Atmospheric Chemistry and Physics, 11 (16) , pp. 8791-8808, 2011.
145. Theodosi, C., Grivas, G., Zampas, P., Chaloulakou, A., Mihalopoulos, N*, Mass and chemical composition of size-segregated aerosols (PM1, PM2.5, PM10) over Athens, Greece: Local versus regional sources, Atmospheric Chemistry and Physics, 11 (22) , pp. 11895-11911, 2011.
146. Hildebrandt, L., Kostenidou, E., Lanz, V.A., Prevot, A.S.H., Baltensperger, U., Mihalopoulos, N., Laaksonen, A., Donahue, N.M., Pandis, S.N., Sources and atmospheric

processing of organic aerosol in the Mediterranean: Insights from aerosol mass spectrometer factor analysis, Atmospheric Chemistry and Physics, 11 (23) , pp. 12499-12515, 2011.

147. Reddington, C.L., Carslaw, K.S., Spracklen, D.V., Frontoso, M.G., Collins, L., Merikanto, J., Minikin, A., Hamburger, T., Coe, H., Kulmala, M., Aalto, P., Flentje, H., Plass-Dülmer, C., Birmili, W., Wiedensohler, A., Wehner, B., Tuch, T., Sonntag, A., O'Dowd, C.D., Jennings, S.G., Dupuy, R., Baltensperger, U., Weingartner, E., Hansson, H.-C., Tunved, P., Laj, P., Sellegri, K., Boulon, J., Putaud, J.-P., Gruening, C., Swietlicki, E., Roldin, P., Henzing, J.S., Moerman, M., Mihalopoulos, N., Kouvarakis, G., Ždímal, V., Zíková, N., Marinoni, A., Bonasoni, P., Duchi, R., Primary versus secondary contributions to particle number concentrations in the European boundary layer, Atmospheric Chemistry and Physics, 11 (23) , pp. 12007-12036, 2011.

148. N. Benas, N. Hatzianastassiou, C. Matsoukas, A. Fotiadi, N. Mihalopoulos, and I. Vardavas, Aerosol shortwave daily radiative effect and forcing based on MODIS Level 2 data in the Eastern Mediterranean (Crete), Atmos. Chem. Phys., 11 (24) , pp. 12647-12662, 2011.

149. Amiridis, V., Zerefos, C., Kazadzis, S., Gerasopoulos, E., Eleftheratos, K., Vrekoussis, M., Stohl, A., Mamouri, R.E., Kokkalis, P., Papayannis, A., Eleftheriadis, K., Diapouli, E., Keramitsoglou, I., Kontoes, C., Kotroni, V., Lagouvardos, K., Marinou, E., Giannakaki, E., Kostopoulou, E., Giannakopoulos, C., Richter, A., Burrows, J.P., Mihalopoulos, N., Impact of the 2009 Attica wild fires on the air quality in urban Athens, Atmos. Environ., Volume 46, Pages 536-544, January 2012.

150. Kopanakis, I., Eleftheriadis, K., Mihalopoulos, N., Lydakis-Simantiris, N., Katsivela, E., Pentari, D., Zampas, P., Lazaridis, M., Physico-chemical characteristics of particulate matter in the Eastern Mediterranean, Atmospheric Research, Volume 106, Pages 93-107 , 2012.

151. Im, U., Markakis, K., Koçak, M., Gerasopoulos, E., Daskalakis, N., Mihalopoulos, N., Poupkou, A., Kindap, T., Unal, A., Kanakidou, M., Summertime aerosol chemical composition in the Eastern Mediterranean and its sensitivity to temperature, Atmos. Environ., Volume 50, Pages 164-173, 2012.

152. St. Pateraki, V.D. Assimakopoulos, A. Bougiatioti, G. Kouvarakis, N. Mihalopoulos, and Ch. Vasilakos, Carbonaceous and ionic compositional patterns of fine particles over an urban Mediterranean area, Science of the Total Environment, Volume 424, 1 May 2012, Pages 251-263.

153. Kalivitis, N., Stavroulas, I., Bougiatioti, A., Kouvarakis, G., Gagné, S., Manninen, H.E., Kulmala, M., Mihalopoulos, N.*, Night-time enhanced atmospheric ion concentrations in the marine boundary layer, Atmospheric Chemistry and Physics, 12, 1–12, 2012, www.atmos-chem-phys.net/12/1/2012/, doi:10.5194/acp-12-1-2012.

154. Shi, Z., Krom, M., Jickells, T., Bonneville, S., Carslaw, K.S., Mihalopoulos, N., Baker, A.R., Benning, L.G., 2012. Impacts on iron solubility in the mineral dust by processes in the source region and the atmosphere: A review. Aeolian Research, 21-42, <http://dx.doi.org/10.1016/j.aeolia.2012.03.001>.

155. M. Koçak, C. Theodosi, P. Zampas, M.J.M., Séguret, B. Herut, G. Kallos, N. Mihalopoulos , N. Kubilay and M. Nimmo, Influence of mineral dust transport on the

chemical composition and physical properties of the Eastern Mediterranean aerosol, Atmos. Environ., Volume 57, September 2012, Pages 266-277.

156. Pikridas, M., Riipinen, I., Hildebrandt, L., Kostenidou, E., Manninen, H., Mihalopoulos, N., Kalivitis, N., Burkhardt, J.F., Stohl, A., Kulmala, M., Pandis, S.N, New particle formation at a remote site in the eastern Mediterranean, Journal of Geophysical Research, Volume 117, Issue 12, 2012, Article number D12205.

157. Papadimas, C.D., Hatzianastassiou, N., Matsoukas, C., Kanakidou, M., Mihalopoulos, N., Vardavas, I., The direct effect of aerosols on solar radiation over the broader Mediterranean basin, Atmospheric Chemistry and Physics, 2012, 12, 7165. <http://www.atmos-chem-phys.net/12/7165/2012/>

158. C. Theodosi, S. Stavrakakis, F. Koulaki, I. Stavrakaki, S. Moncheva, E. Papathanasiou, A. Sanchez-Vidal, M. Koçak, N. Mihalopoulos*, The significance of atmospheric inputs of major and trace metals to the Black Sea, Journal of Marine Systems, Available online 2 March 2012.

159. Remoundaki, E., Kassomenos, P., Mantas, E., Mihalopoulos, N. and Tsezos, M., Composition and mass closure of PM_{2.5} in urban environment (Athens, Greece) (manuscript ID: AAQR-12-03-OA-0054.R1), Aerosol and Air Quality Research, In press.

160. Christodoulaki, S., Petihakis, G., Kanakidou, M., Mihalopoulos, N., Tsiaras, K., Triantafyllou, G., Atmospheric deposition in the eastern Mediterranean. A driving force for ecosystem dynamics, Journal of Marine Systems, doi: 10.1016/j.jmarsys.2012.07.007.

161. A. Bougiatioti, P. Zarmpas, E. Koulouri, M. Antoniou, C. Theodosi, G. Kouvarakis, S. Saarikoski, T. Mäkelä, R. Hillamo and N. Mihalopoulos*, Organic, elemental and water-soluble organic carbon in size segregated aerosols, in the marine boundary layer of the Eastern Mediterranean, Atmos. Environ., In press.

162. Gerasopoulos, E.,*, Kazadzis, S., Vrekoussis, M., Kouvarakis, G., Liakakou, E., Kouremeti, N., Giannadaki, D., Kanakidou, M., Bohn, B., Mihalopoulos, N.,*Factors affecting O₃ and NO₂ photolysis frequencies measured in the Eastern Mediterranean during the five year period 2002-2006, Journal of Geophysical Research, In press.

MONOGRAPHS

Mihalopoulos N., Long range transport of pollutants above the Eastern Mediterranean: Implications for air quality and regional climate change, in Regional Climate Variability and its impact in the Mediterranean Area, A. Mellouki and A.R. Ravishankara (eds), NATO Science Series, Earth and Environmental Sciences, Vol 79, pp1-15, Springer, 2007

BOOKS

Jakubowski N, Mihalopoulos N., Mann S., Lehmann W., Speciation of Sulfur, Handbook of Elemental Speciation II, pp 378-408, Volume Editors: R. Cornelis et al., .Willey eds, 2004.

PRESENTATIONS IN CONFERENCES:

A: INVITED TALKS

1. Mihalopoulos, N., (INVITED TALK, **Keynote talk**) Impact of marine emissions on atmospheric chemistry and climate, A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.
2. Mihalopoulos N., (INVITED TALK) On the importance of atmospheric deposition of N and P species in the productivity of sea water: The Mediterranean case., CERC3 Young Chemist Workshop on Atmospheric Chemistry and Particulate Matter, Denmark, June 3-6, 2002.
3. Mihalopoulos N., (INVITED TALK) The biogeochemical cycle of dimethylsulfide (DMS): Importance and uncertainties, Third Informal Conference on Reaction Kinetics and Atmospheric Chemistry, June 7 to 9, 2002 at the LO-Skolen Conference Center, Helsingør, Denmark.
4. Mihalopoulos N., (INVITED TALK) Global Air Pollution crossroads above Mediterranean, First IGBP Italian Conference, Paestum (SA), November 14th-16th, 2002.
5. Mihalopoulos N., (INVITED TALK), Long-range transport of pollutants above Mediterranean: Implications for air quality and regional climate, "International Conference on Atmospheric Pollution", 21-25 February 2004, Dubai.
6. Mihalopoulos, N., (INVITED TALK), Role of atmospheric deposition of Nitrogen species to the seawater productivity: Case of the Eastern Mediterranean Sea, ACCENT-Workshop on Understanding and quantifying the atmospheric nitrogen cycle, Barnsdale, 31 Oct.- 2 Nov, 2005.
7. Mihalopoulos N., (INVITED TALK), Αιωρούμενα σωματίδια στην ατμόσφαιρα: Πηγές, επίπεδα, χημική σύσταση. Η Ελληνική «εμπειρία», 15ο ΠΑΝΕΛΛΗΝΙΟ ΠΝΕΥΜΟΝΟΛΟΓΙΚΟ ΣΥΝΕΔΡΙΟ, 1-4 Νοεμβρίου 2006, Κρήτη.
8. Mihalopoulos N., (INVITED TALK, **Keynote talk**), Implications of Mediterranean pollution for air quality and regional climate, Regional Climate Variability and its Impacts in the Mediterranean Area, NATO Advanced Research Workshop on Regional Climate Variability and its Impacts in the Mediterranean Area, Marrakech, Morocco, 25-28/11, 2006.
9. Mihalopoulos N., (INVITED TALK), Biogeochemical Nitrogen cycle, Euroceans Summer School, Ankara, 16-21/8/2007.
10. Mihalopoulos N., (INVITED TALK, **Keynote talk**), Climate relevant aerosol properties above Mediterranean, "From Deserts to Monsoons", Crete, Greece, 1-6 June 2008.
11. Mihalopoulos N., (INVITED TALK), Sources of carbonaceous aerosols in the Eastern Mediterranean inferred from long-term observations, Telluride workshop on organic aerosols, USA, 4-8 August 2008.

12. Mihalopoulos N., (INVITED TALK), Atmospheric pollution and climate, NATO Science for Peace and Security meeting, Balchik, Varna, Bulgaria, 10th March, 2008
13. Mihalopoulos N., (INVITED TALK), Air quality trends in the Mediterranean area, "climate change, causes and impacts" Summer school on: Climate change: causes and impacts seminar on 'Global and regional aerosol modeling', Paphos Cyprus, 12-19 October, 2008.
14. Mihalopoulos N., (INVITED TALK), Origin of Air Pollution over the E. Mediterranean, Cyprus Technical University, Limassol, Cyprus, 22nd of October 2010.
15. Mihalopoulos N., (INVITED TALK), Global dust cycle: a geochemical, atmospheric and modelling perspective, School of Earth & Environment, Leeds University, U.K. November 15th-16th 2010.
16. Mihalopoulos N., (INVITED TALK), Sources of aerosols in the Eastern Mediterranean and their climatic impact, Institute of Low Temperature, Sapporo, Japan, 19th of December 2010.
17. Mihalopoulos N., (INVITED TALK), The significance of atmospheric inputs of dissolved and particulate trace metals to the Eastern Mediterranean seawater, University of Hamburg, Germany, 12th of April 2011.
18. Mihalopoulos N., (INVITED TALK), Origin and impacts of atmospheric pollution over the Eastern Mediterranean, Cyprus Institute, Nicosia, 9th of May 2011.
19. Mihalopoulos N., (INVITED TALK), "Aerosol measurements: going beyond mass concentrations", towards an integrated observing system for South America: Air quality assessment and forecasting in Megacities, Workshop and white paper, Santiago de Chile, January 9-12 2012.
20. Mihalopoulos N., (INVITED TALK), Interaction between atmospheric pollution and seawater productivity: case of the Eastern Mediterranean, Middle East Technical University (METU), 6th of September 2012.
21. Mihalopoulos N., (INVITED TALK), ChArMEx-related activities in Greece and Cyprus, 3rd International ChArMEX Workshop, Cargèse, Corsica, France, November 5 to 9, 2012.

B: CONFERENCE PROCEEDINGS

22. Nguyen B.C., Mihalopoulos N., Bergeret C. Rain acidity and gaseous sulfur compounds at industrial and remote areas. Proceeding of Workshop on "Measurement of Atmospheric Acidity". Commission of the European Communities eds, 72-77, 1985a.
23. Nguyen B.C., Mihalopoulos N., Belviso S. Atmospheric concentration of carbonyl sulfide and rain acidity. Physico Chemical behaviour of atmospheric pollutants, F.A.A.M de Leeuw and N.D. Van Egmond eds. Rivm. Proceeding of workshop on "Pollutants cycles transport modelling and field experiments". Commission of the European Communities eds, 75-79, 1985b.

24. Nguyen B.C., Mihalopoulos N., Belviso S., Lemant T. Etude de l'oxysulfure de carbone et du sulfure de dimethyle à l'île d'Amsterdam. Revue du Comité National Français des Recherches Antarctiques 439-443, 1988.
25. Mihalopoulos N., Nguyen B.C., Belviso S., Dimethyl sulfide in the Somali upwelling area. International congress of Geochemistry, Current trends in Atmospheric Chemistry, Chem. Geology, 70, 1/2, 95, Paris, France 1988.
26. Belviso S., Krajka B., Rassoulzadegan F., Nguyen B.C., P. Buat-Menard and Mihalopoulos N.. Etude des mecanismes de production de propionate de dimethylesulfonium (DMSP) et de sulfure de dimethyle (DMS) par la chaine trophique microbienne de la mer Mediterranee nord-occidentale, Actes du Congres Commun Limnologie-Oceanographie de Marseille, 31-32, 1989.
27. Mihalopoulos N., Nguyen B.C., Belviso S. Carbonyl sulfide concentrations in the surface waters and above the Indian Ocean. Proceeding of 28th Liège International Astrophysical Colloquium, Liège, 477-486, 1990.
28. Becker K.H., Barnes I., Bastian V., Mihalopoulos N., Overath R., Starcke J., Oxidation processes of marine sulphur compounds involving, halogen atoms and halogen oxides, Air pollution research report 35, Commission of the European Communities eds, 117-133, 1992.
29. Nguyen B.C, Mihalopoulos N., Boissard C., Campin J.M., Putaud J.P., Belviso S, Variations of dimethylsulfide, methanesulfonic acid, sulfur dioxide, non-sea-salt sulfate and aitken nuclei at a coastal site (Penmarc'h) during OCEANO-NOx experiment, Air pollution research report 35, Commission of the European Communities eds, 152-161, 1992.
30. Nguyen B.C, Mihalopoulos N., Bonsang B., Putaud J.P., Boissard C., Lacaux J.P. Sulfur gases emissions from African Savannah Burning, in “The Biogeochemistry of Global Change: Radiatively Active trace gases” eds R.S. Oremland, Chapman and hall, NY, 209-220, 1993.
31. Barnes I., Becker K.H., Mihalopoulos N., FT-IR product study of the photolysis of CH₃SSCH₃: the reactions of the CH₃S radical, Proceedings of International Symposium on dimethylsulphide, oceans, atmosphere and climate, 197-211, 1993.
32. Putaud J.P., Nguyen B.C, Belviso S., Mihalopoulos N., Are dimethylsulfide and condensation nuclei connected over the tropical Northeastern Atlantic ocean?, Proceedings of International Symposium on dimethylsulphide, oceans, atmosphere and climate, 303-311, 1993.
33. N. Mihalopoulos, Nguyen B.C., Climate forcing by tropospheric sulfate aerosols derived from natural and anthropogenic sources, Chimika Chronika, New series, 24, 3, 173-188, 1995.
34. Dulac F., Hamonou E., Schneider X., Moulin C., Chazette P., Liberti G.L., Paronis D., Lambert C.E., Legrand M., Defossez J-B, Balis D., Papayannis A., Ancellet G., Mihalopoulos N., Meteosat and ground – based optical measurements of desert dust within European project MEDUSE, Proc. EUMETSAT Conf., Brussels, 29 Sept. – 3Oct. 1997.
35. Ezat U., Dulac F., Lambert C., Kanakidou M., Mihalopoulos N., Kouvarakis G., Dust

and lead in rainwaters of Crete, J. Aerosol. Sci., 28, 579-580, 1997.

36. Le Bras, G., Barnes I., Hjorth J., Zetzsch C., Martinez E., Mihalopoulos N., Dimethyl sulphide (DMS); Oxidation mechanisms in relation to Aerosols and Climate, Air pollution research report EUR 19569 EN, Commission of the European Communities eds, 114p, 2000.

37. Lazaridis M., Gehring R., Torseth K., Yttri K. E., Semb A., Larssen S., Stordal F., Schaug J., Hov O., Hjellbrekke A., Hanssen J., Dye C., Hüglin C., Hofer P., Smolik J., Zdimal V., Eleftheriadis K., Colbeck I., Nyeki S., Mihalopoulos N., Harnvanek V., Measurements of Particulate Matter in EMEP, EMEP/CCC-report 5/2001, O-98134, 85 pages, August 2001.

38. Colbeck, I., Bryant C., Nyeki S., Eleftheriadis K., Smolik J., Zdimal V., Lazaridis M. and Mihalopoulos N., Optical properties of atmospheric aerosol at Finokalia (Greece), J. Aerosol Sci., 32, 445-446, 2001.

39. Lazaridis, M., Colbeck I., Drossinos I., Eleftheriadis K., Havranek V., Housiadas C., Kallos G., Mihalopoulos N., Mikuska P., Smolik J., Solberg S., Spiridaki A., Stefanou E., Stordal F., Svendby T., Vecera Z. and Zdimal V., Subgrid scale investigations of factors determining the occurrence of ozone and fine particles (Sub-Aero), J. Aerosol Sci., 32, 119-120, 2001.

40. Smolik J., Zdimal V., Lazaridis M., Schwartz, J., Harnvanek V., Eleftheriadis K., Colbeck I., Mihalopoulos N., Nyeki S., Housiadas, C., Size resolved mass concentrations and chemical composition of atmospheric aerosols over the eastern Mediterranean area, Measurements of Particulate Matter: Status Report 2002, EMEP/CCC-report 4/2002, O-98134, 85 pages, August 2002.

41. Putaud P., Baltensperger U., Facchini M.-C., Fuzzi S., Gehrig R., Hansson H.-C., Harrison R. M., Jones A. M., Laj P., Maenhaut W., Mihalopoulos N., Palmgren F., Querol X., Raes F., Rodriguez S., Ten Brink H., Tunved P., Van Dingenen R., Wehner B., Weingartner E., Wiedensohler A., Wählín P., Aerosol phenomenology, EC report, 55 pages, 2003.

42. J. Lelieveld and N. Mihalopoulos, The regional integrated Project Mediterranean, IGAC newsletters, 28, 20-23, 2003.

43. Kallos G., Astitha M., Gofa F., O'Connor M., Mihalopoulos N., Zlatev Z., 2004: "Transport and Deposition Patterns of Ozone and Aerosols in the Mediterranean Region", 27th NATO/CCMS International Technical Meeting on Air Pollution Modeling and its Applications, October 2004, Banff, Canada. (Oral Presentation-Proceedings).

44. Gerasopoulos, E., G. Kouvarakis, M. Vrekoussis, M. Kanakidou, N. Mihalopoulos, Ozone variability in the marine boundary layer of the Eastern Mediterranean- A statistical approach, in the Proceedings of the Quadrennial Ozone Symposium, Kos, 1-8 June, 2004. 698-699.

45. M. Vrekoussis, N. Kalivitis, N. Mihalopoulos, M. Kanakidou, T. Kluepfel, J. Lelieveld, G. Chourdakis, Factors controlling the diurnal variation of ozone in the marine boundary layer of the Eastern Mediterranean during summertime, in the Proceedings of the Quadrennial Ozone Symposium, Kos, 1-8 June, 2004. 153-154.

46. M. Vrekoussis, M. Kanakidou, H. Liakakou, N. Mihalopoulos, P. J. Crutzen, and J. Lelieveld, Formation of HNO₃ and particulate NO₃ in the polluted marine boundary layer of the Eastern Mediterranean, in the proceedings of CEST Sept, 2005.
47. E. Gerasopoulos, G. Kouvarakis, M. Vrekoussis, M. Kanakidou and N. Mihalopoulos, Analysis of ozone trends in the East Mediterranean, in the proceedings of CEST Sept., 2005.
48. M. Vrekoussis, M. Kanakidou, H. Liakakou, N. Mihalopoulos, P. J. Crutzen, and J. Lelieveld “Relative contribution of day time and night time chemistry to the formation of HNO₃ and particulate NO₃ in the polluted marine boundary layer of the East Mediterranean”, 9th International Conference On Environmental Science And Technology 1st - 3rd September 2005, Rhodes Island, Greece, 1617-1620.
49. E. Gerasopoulos, G. Kouvarakis, M. Vrekoussis, M. Kanakidou and N. Mihalopoulos, “Analysis Of Ozone Trends In The East Mediterranean” 9th International Conference On Environmental Science And Technology 1st - 3rd September 2005, Rhodes Island, Greece, 485-490.
50. Vrekoussis Mihalis, Kanakidou Maria, Myriokefalitakis Stelios, Kalivitis Nikos, Kluepfel Thomas, Lelieveld Jos and Mihalopoulos Nikos “*Diel and seasonal variation of the peroxy radicals at the Eastern Mediterranean boundary layer*” Accent-Atmospheric Composition Change The European Network Of Excellence, Urbino, Italy September 12th-16th, 2005 .
51. Mihalopoulos, N., Role of atmospheric deposition of Nitrogen species to the seawater productivity: Case of the Eastern Mediterranean Sea, ACCENT- Workshop on Understanding and quantifying the atmospheric nitrogen cycle (convenors: Paul Monks, Tony Cox, David Fowler) Barnsdale, 31 Oct.- 2 Nov, 2005.
52. Violaki K. and N. Mihalopoulos, Organic Nitrogen: An important missing piece of the Global Nitrogen cycle, ACCENT- Workshop on Understanding and quantifying the atmospheric nitrogen cycle (convenors: Paul Monks, Tony Cox, David Fowler) Barnsdale, 31 Oct.- 2 Nov, 2005.
53. Astitha Marina, George Kallos, Petros Katsafados, Ioannis Pytharoulis and Nikos Mihalopoulos, Chapter 5.7 Radiative effects of natural PMs on photochemical processes in the Mediterranean Region, Developments in Environmental Science, Volume 6, 2007, Pages 548-559 ISBN: 978-044452987-9, DOI: 10.1016/S1474-8177(07)06057-3, Volume Editors: Borrego C., Renner E.
54. M. Kanakidou, N. Mihalopoulos, N. Kalivitis, K. Tsigaridis, G. Kouvarakis, E. Koulouri, E. Gerasopoulos, M. Vrekoussis, S. Myriokefalitakis, Natural contributions to particulate matter levels over Europe – The experience from Greece. In the proceedings of the 10th Biennial Conference on Environmental Science and Technology (CEST 2007) in Kos, Greece, 5-7 September 2007. <http://www.srcosmos.gr/srcosmos/showpub.aspx?aa=9717>
55. Kanakidou M., Tsigaridis, K., Myriokefalitakis, S., Lazaros, P., Mihalopoulos, N., Kalivitis, N., Gerasopoulos, E., Vrekoussis, M., Natural and anthropogenic contributions to particulate matter levels over East Mediterranean, in the proceeding of the 9th Conference

Meteorology-Climatology and Atmospheric Physics (9th COMECAP2008), Thessaloniki, Greece, May 2008. (oral presentation)

56. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Study of aerosol episodes in the greater Mediterranean basin using MODIS-Terra satellite data», 9th Conference Meteorology, Climatology and Atmospheric Physics, p. 601-608, Thessaloniki, 28 – 31 May 2008.

57. Kanakidou M., Myriokefalitakis, S., Tsigaridis, K., Sfakianaki, M., Mihalopoulos, N., Kalivitis, N., Gerasopoulos, E., Natural contributions to particulate matter levels over Europe, in the proceedings of the 9th International Conference on the Protection and restoration of the environment, Kefalonia, Greece, June 2008 (oral presentation).

58. Kanakidou M. S. Myriokefalitakis, K. Tsigaridis, N. Mihalopoulos, X. Querol, A. Alastuey, Natural and Anthropogenic contributions to particulate matter in southern Europe, EUCAARI, Helsinki., Report Series in Aerosol Science part A (vol 99), Proceedings of 2008 EUCAARI Annual Meeting Helsinki 17.-21.11.2008, Hanna K. Lappalainen, Ari Asmi, Tuomo Nieminen, and Markku Kulmala, 121-126, 2008 (oral)

59. Myriokefalitakis S., K. Tsigaridis, N. Mihalopoulos, M. Kanakidou, Secondary organic aerosol (SOA) formation via cloud processing: A global 3D modelling study, in the proceedings of the 7th International Conference on Air Quality – Science and Application, 24-27 March 2009, Istanbul, ISBN: 978-1-905313-64-8, published by University of Hertfordshire 2009

60. Vrekoussis M., E. Gerasopoulos, N. Mihalopoulos, U. Im, A. Richer, A. Hilboll, M. Petrakis, M. Kanakidou, S. Myriokefalitakis, O. Yenigun, T. Kindap, A. Ladstätter-Weißmayer, A.F.A. Youssef , E.A Morsy, J.P Burrows, C. Zerefos, Spatial and temporal variability of NO₂ mixing ratios inferred from satellite and ground-based observations above SE Europe: Role of Megacities, in the proceedings of the 7th International Conference on Air Quality – Science and Application, 24-27 March 2009, Istanbul, ISBN: 978-1-905313-64-8, published by University of Hertfordshire 2009.

61. A. Gkikas, N. Mihalopoulos and N. Hatzianastassiou: «Characteristics of dust aerosol events in the Mediterranean basin based on a synergistic use of 7-year (2000-2007) satellite data», 10th Conference Meteorology, Climatology and Atmospheric Physics, p. 623-630, Patra, 25 – 28 May 2010

62. C. Theodosi, D. Smouliotis, M. Kocak and N. Mihalopoulos "Particulate Organic Matter over the Mediterranean and Black Sea", 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

63. Gerasopoulos E., Mihalopoulos N., Kazadzis S., Vrekoussis M., Liakakou E., Kouvarakis G., Kouremeti N., Factors controlling the variability of photolysis rates of NO₂ and O₁D in the complex environment of the Eastern Mediterranean, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

64. Amiridis V., Marinou E., Kazadzis S., Gerasopoulos E., Mamouri R.E., Kokkalis P., Papayannis A., Kouremeti N., Giannakaki E., Liakakou E., Paraskevopoulou D., Gratsea M.,

Kouvarakis G., Allakhverdiev K., Huseyinoglu F., Secgin A., Balis D., Bais A.F., Mihalopoulos N., Daglis I.A., Zerefos C.S., Evaluation of CALIPSO's aerosol classification scheme during the ACEMED experimental campaign over Greece: the case study of 9th of September 2011, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

65. Benas N., Hatzianastassiou N., Matsoukas C., Fotiadi A., Mihalopoulos N., Vardavas I., Aerosol shortwave direct radiative effect and forcing based on MODIS level 2 data in the Eastern Mediterranean (Crete), 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

66. Koras-Carraca M., Gkikas A., Papadimas C.D., Mihalopoulos N., Hatzianastassiou N., Aerosol size over the broader Greek area based on satellite and ground measurements, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

67. Kanakidou M., Mihalopoulos N., Im U., Myriokefalitakis S., Daskalakis N., Drivers of air quality in the East Mediterranean, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

68. D. Paraskevopoulou, E. Gerasopoulos, E. Liakakou, M. Gratsea, P.Zarmpas, C. Theodosi and N. Mihalopoulos "Optical properties of aerosols over Athens, Greece, and their relation with chemical composition", 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

69. Pikridas M., Hildebrandt L., Kostenidou E., Engelhart G.J., Lee B.H., Mihalopoulos N., Pandis S.N., Properties of aged aerosols in the Eastern Mediterranean, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

70. Protonotariou A.P., Bossioli E., Tombrou M., Mihalopoulos N., Biskos G., Kalogiros J., Kouvarakis G., Amiridis V., Air pollution in Eastern Mediterranean: nested-grid GEOS-CHEM model results and airborne observations, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

71. Tombrou M., Kalogiros J., Bossioli E., Dandou A., Biskos G., Mihalopoulos N., Protonotariou A.P, Turbulent Fluxes over Aegean Sea during the Aegean-Game airborne campaign, 11th International Conference on Meteorology, Climatology and Atmospheric Physics, COMECAP 2012, Athens, Greece, 30 May - 1 June 2012.

72. Im U., Markakis K., Kocak M., Gerasopoulos E., Daskalakis N., Mihalopoulos N., Poupkou A., Kindap T., Unal A., Kanakidou M., 2012. Air quality in the Eastern Mediterranean: emissions, chemical composition and climate sensitivity. Proceeding of the 8th Air Quality Conference (AQC2012), 19-23 March, Athens, Greece, pp 289-292 (oral).

C: CONFERENCE ABSTRACTS

73. Nguyen B.C., Belviso S., Mihalopoulos N., Dimethyl sulfide production in sea water. International Symposium on Biosphere-Atmosphere Exchange, Mainz (FRG), 1986.
74. Le Guern F, Kanakidou M, Mihalopoulos N., Bonsang B, Nguyen B.C Composition et origine des gaz du lac Nyos, Septembre 1986. Conf. Intrern. Sci. de la catastrophe naturelle du lac Nyos, Younde (Cameroun), 1987.
75. Nguyen B.C., Belviso S., Mihalopoulos N., Concentration de fond des composés soufrés. Colloque sur la Recherche Française dans les Terres Australes, Strasbourg 1987.
76. Nguyen B.C., Belviso S., Mihalopoulos N., Lemant T., Sources biologiques des composés soufrés en zone océanique. Colloque "Phase atmosphérique des cycles biogéochimiques", Grenoble 1987.
77. Nguyen B.C., Bonsang B., Mihalopoulos N., Belviso S., Lambert G., Dimethyl sulfide lifetime in the marine atmosphere deduced from its atmospheric gradient, 6th Intern. Symposium of the Commission on Atmospheric Chemistry and Global Pollution, Peterborough, Canada 1987.
78. Nguyen B.C., Mihalopoulos N., M.O. Andreae., Vertical profiles of carbonyl sulfide in and above the Equatorial Forest of the Congo. AGU Fall Meeting, San Fransisco, 1988.
79. Nguyen B.C., Mihalopoulos N., Belviso S., Putaud J.P., Seasonal variation of atmospheric dimethyl sulfide at Amsterdam Island in the Southern Indian Ocean, SABOAC II Meeting, Melbourne, Australia, 1988.
80. Nguyen B.C., Mihalopoulos N., Belviso S., Oceanic flux of carbonyl sulfide in the atmosphere. Joint Oceanography Assembly Symposium, "Global Ocean Storage and Fluxes", Acapulco, Mexico, 1988.
81. Nguyen B.C., Mihalopoulos N., Belviso S., Dimethyl sulfide emissions from the Indian Ocean, Benjing, China, 1989.
82. Mihalopoulos N., Nguyen B.C., Belviso S., Carbonyl sulfide concentrations in the surface waters and above the Indian Ocean. 28th Liege International Astrophysical Colloquium, Liège, 1989.
83. Nguyen B.C, Bonsang B., Mihalopoulos N., Belviso S., Carbonyl sulfide emissions from African savannah burning, Chapman Conference on Global Biomass Burning: Atmospheric Climate and Biospheric Implications, USA, 1989.
84. Jean-Baptiste P., Belviso S., Alaux G., Mihalopoulos N. and Nguyen B.C., Hydrothermal Helium-3 and methane in the Gulf of Aden, 5th European Union of Geosciences, Strasbourg, 1989. Geochim. Cosmochim. Acta, 54, 111-116, 1990.
85. Mihalopoulos N., Nguyen B.C, Putaud J.P., Paschalidis S., Carlier P., Distribution of DMS concentration near to an intense coastal source at the "Pointe de Penmarc'h" during the "Oceano Nox " field campaign. "Seventh International Symposium of the Commission on

Atmospheric Chemistry and Global Pollution, Chamrousse, France, 1990.

86. Mihalopoulos N., Nguyen B.C, Boissard C., Campin J.M., Putaud J.P., Belviso S., Becker K.H., Barnes I., Variation of Dimethylsulfide (DMS), Methanesulfonic acid (MSA), Sulfur dioxide (SO₂), non sea salt Sulfate (nss-SO₄²⁻) and Aitken Nuclei at a coastal site, "Seventh International Symposium of the Commission on Atmospheric Chemistry and Global Pollution, Chamrousse, France, 1990.

87. Nguyen B.C, Mihalopoulos N., Gaudry A., Putaud J.P., Gallet L., Effect of oceanic dimethylsulfide on the rain acidity in a remote marine area, "Seventh International Symposium of the Commission on Atmospheric Chemistry and Global Pollution, Chamrousse, France, 1990.

88. Gaudry A., Kanakidou M., Mihalopoulos N., Bonsang B., Bonsang G., Monfray P., Nguyen B.C., Variation of atmospheric trace compounds at a coastal site: Application to CO₂, CH₄ and COS fluxes estimates, "Seventh International Symposium of the Commission on Atmospheric Chemistry and Global Pollution, Chamrousse, France, 1990.

89. Carlier P., Fresnet P., Pashalidis S., Petitet F., Tsetsi M., Lescoat V., Dupont B., Ritz D., Nguyen B.C., Bonsang B., Mihalopoulos N., Kanakidou M., Putaud J.P., Bertrand I., Boissard C., Campin J.M., Platt U., Dorn H.P., Brauers T., Koch T., Neuroth R., Marengo A., Nedelec P., Perros P., Overview of the atmospheric field campaign at the "Pointe de Penmarc'h". "Seventh International Symposium of the Commission on Atmospheric Chemistry and Global Pollution, Chamrousse, France, 1990.

90. Nguyen B.C, Gallet L., Mihalopoulos N., Putaud J.P., Belviso S., Seasonal variations of DMS and MSA at Amsterdam island in the southern Indian Ocean, European Geophysical Society, XVI General assembly, Wiesbaden, 22-26 April, 1991.

91. Putaud J.P., Mihalopoulos N., Nguyen B.C, Belviso S., Seasonal variation of atmospheric sulfur dioxide and dimethyl sulfide concentrations at Amsterdam island in the Southern Indian Ocean, European Geophysical Society, XVI General assembly, Wiesbaden, 22-26 April, 1991.

92. Nguyen B.C, Mihalopoulos N., Bonsang B., Putaud J.P., Boissard C., Lacaux J.P., Sulfur gases emissions from African Savannah Burning, Tenth International Symposium on environmental Biogeochemistry, San Francisco, 18-25 August 1991.

93. Nguyen B.C, Putaud J.P., Bonsang B, Mihalopoulos N., Doan C., Vu N.L., Goldammer J.G., Fontan J., Comparison between carbonyl sulfide emissions from south east Asiatic and African biomass burning, western Pacific Geophysics meeting, EOS, 73, No 25, p22, Hong-Kong, 17-21 August 1992.

94. Barnes I., Becker K.H., Mihalopoulos N., FT-IR product study of the photolysis of CH₃SSCH₃: the reactions of the CH₃S radical, Proceedings of International Symposium on dimethylsulphide, oceans, atmosphere and climate, Belgrate, Italy, 13-15 October 1992.

95. Putaud J.P., Nguyen B.C, Belviso S., Mihalopoulos N., Dimethylsulfide, aerosol and condensation nuclei over the eastern tropical north Atlantic ocean, International Symposium on dimethylsulphide, oceans, atmosphere and climate, Belgrade, Italy, 13-15 October 1992.

96. Putaud J.P., Belviso S., Nguyen B.C, Mihalopoulos N., Buat-Menard, P. Dimethylsulfide, sulfur dioxide, and condensation nuclei over the tropical north Atlantic ocean, Eilat (Israel), 18-22 April 1993.
97. Nguyen B.C, Goldammer J.G., Putaud J.P., Mihalopoulos N., Lancelin S., Bonsang B, Doan C., Biomass burning as a source of greenhouse and sulfur gases in south-east Asia Eilat (Israel), 18-22 April 1993.
98. Putaud J.P., Nguyen B.C, Mihalopoulos N., Assessment of DMS sea-air flux calculation, European Geophysical Society, XVIII General Assembly, Wiesbaden (FRG), 3-7 May 1993.
99. Mihalopoulos N., Nguyen B.C, Putaud J.P., Contribution of the seawater emitted dimethylsulfide to the natural acidification of rain water, 3rd conference on Environmental Science and Technology, Molivos, Greece, 6-9 September 1993. Paper at the proceedings of the 3rd conference on Environmental science and technology, 207-219.
100. Putaud J.P., Nguyen B.C, Mihalopoulos N., Dimethylsulfide flux, atmospheric lifetime and oxidation products in various oceanic and coastal areas, 6th European Symposium on Physico-chemical behaviour of Atmospheric Pollutant, Varese, Italy, 18-22 October 1993.
101. Nguyen B.C, Putaud J.P., Mihalopoulos N., Bonsang B., Doan C., CH₄ and CO emissions from rice straw burning in Southeast Asia. Symposium on "Non CO₂ greenhouse gases: why and how to control?", Maastricht, The Netherlands, 13-15 December 1993.
102. Nguyen B.C., Putaud J.P., Mihalopoulos N., Dimethylsulfide, aerosols and condensation nuclei over the Atlantic ocean. Paper presented at the joint meeting on global atmospheric chemistry, Fuji-Yoshida, Japan, 5-9 September 1994.
103. Nguyen B.C., and Mihalopoulos N., Emission of biogases from the western Mediterranean sea. Paper presented at the EROS 2000 symposium, Palma de Mallorca, 18-22 October 1994.
104. Nguyen B.C., Putaud J.P., Mihalopoulos N., and Royer P., Dimethylsulfide, emission rates from European continental margins and shelves. Paper presented at the 2nd EU workshop on exchange processes at the continental/ocean margins in the North Atlantic, Knokke Belgium, 22-24 February 1995.
105. Nguyen B.C., Mihalopoulos N., E. Baboukas, J.P. Putaud, Seasonal variation of methanesulfonic acid in precipitation in the southern Indian Ocean. Paper presented at the 20 th General Assembly of the European Geophysical Society, Hamburg, 3-7 April 1995.
106. Mihalopoulos N., Nguyen B.C., Major uncertainties in the climate forcing induced by tropospheric sulfate aerosols derived from natural sources, 4th conference on Environmental Science and Technology, Molivos, Greece, 4-7 September 1995. Paper at the proceedings of the 4th conference on Environmental science and technology, 32-42.
107. Kavouras I., Mihalopoulos N., Stephanou E., Liousse C., Cachier H., Nguyen B.C., Dulac F., Kanakidou M., Chazette P., Quisefit J.P., Measurements of aerosol composition and

optical depth above the Eastern Mediterranean Area. Paper presented at the 21th General Assembly of the European Geophysical Society, The Hague, 6-9 May 1996.

108. Baboukas E., Nguyen B.C., Mihalopoulos N., Polian G., Kanakidou M., Long range transport of continental derived aerosols above the Indian Ocean. Paper presented at the 21th General Assembly of the European Geophysical Society, The Hague, 6-9 May 1996.

109. Mihalopoulos N., Stephanou E., Pilitsidis S., Baboukas E., Kanakidou M., Atmospheric aerosol major ion composition above the Eastern Mediterranean area, Paper presented at the 21th General Assembly of the European Geophysical Society, The Hague, 6-9 May 1996.

110. Barnes I., Becker K.H., V. Patroescu, Mihalopoulos N., New considerations regarding the Mechanism of the OH-initiated oxidation of dimethylsulphide (DMS), Paper presented at the German-Greek workshop "Environmental research and Technology, Molivos Lesbos, 27-29/9, 1996.

111. Baboukas E., Sciare J., Kouvarakis G., Nguyen B.C., Mihalopoulos N., Kanakidou M., Processes controlling the composition of precipitation in the southern Indian Ocean, Presented at the 7th Symposium on Physico-Chemical Behaviour of Atmospheric Pollutants, Venice, 2-4 October, 1996.

112. Kouvarakis G., Mihalopoulos N., Stephanou E., Chemical composition of precipitation at Heraklion Crete, Paper presented at the 17th Symposium of the Association of Greek Chemists, Patras, 1-5 December, 1996.

113. Kettle A.J., Andreae M.O., Amouroux D., Helas G., Rapsomanikis S., Roberts G., Schebeske G., Uher G., Bates T., Bingemer H., Staubes R., Boniforti R., Matrai P., Mctaggart A.R., Mihalopoulos N., Nguyen B.C., Putaud J.P., Turner S., A preliminary global data base of sea surface dimethylsulfide measurements and a simple model to predict sea surface dimethylsulfide as a function of latitude, longitude and month, AGU fall meeting in San Francisco, 2-8 December, 1996.

114. Baboukas E., Nguyen B.C., Mihalopoulos N., Kanakidou M., composition of precipitation in the southern Indian Ocean, 1997 Joint assemblies of the international association of meteorology an atmospheric sciences (IAMAS-IAPSO), Melbourne, 1-7 July 1997.

115. Nguyen B.C., Putaud J.P., Mihalopoulos N., Seasonal and latitudinal variations of dimethylsulfide emission from the North-East Atlantic Ocean and from Margins off European coasts, 1997 Joint assemblies of the international association of meteorology an atmospheric sciences (IAMAS-IAPSO), Melbourne, 1-7 July 1997.

116. Mihalopoulos N., Sciare J., Baboukas E., Nguyen B.C., Hancy R., Seasonal variation of dimethylsulfoxie (DMSO) in rain at Amsterdam Island in the Southern Indian Ocean, 1997 Joint assemblies of the international association of meteorology an atmospheric sciences (IAMAS-IAPSO), Melbourne, 1-7 July 1997.

117. Ezat U., Dulac F., Lambert C., Kanakidou M., Mihalopoulos N., Kouvarakis G., Dust and lead in rainwaters of Crete, European Aerosol Conference, Hamburg, 15-19 September 1997.

118. Dulac, F., Hamonou, E., Schneider, X., Moulin, C., Chazette, P., Liberti, G.L., Paronis, D., Lambert, C.E., Legrand, M., Defossez, J.B., Balis, D., Papayannis, A., Ancellet, G., Mihalopoulos, N., Meteosat and Ground-based optical measurements of desert dust within European project MEDUSE, Proc. METEOSAT Conf., Brussels, 29-3/9, 1997.
119. Bonsang B., Kanakidou M., Mihalopoulos N., Kavouras I., Stephanou E., Pio C., Nunes T., Alves, C., Gomes P., Seakins P., Lewis A., Harisson D., Boissard C., Gros V., Sanak J., Field Observation and Modelling of the Formation of Biogenic Organic Aerosols in Mediterranean Area, Paper Presented at 23th General Assembly Of European Geophysical Society, 2-6 April 1998, Nice, France.
120. Baboukas E., Sciare J., Bardouki H., Gwgou A. and Mihalopoulos N., Spatio-temporal variability of ionic composition of aerosols, DMSO and Aitken nuclei during the Albatross campaign, Paper Presented at 23th General Assembly of European Geophysical Society, 2-6 April 1998, Nice, France.
121. Sciare J., Baboukas E., Kouvarakis G., Belviso S., and Mihalopoulos N., Spatio-temporal variability of atmospheric DMS, sulfur dioxide, nitric acid, ammonia and organic acids during the Albatross campaign, Paper Presented at 23th General Assembly of European Geophysical Society, 2-6 April 1998, Nice, France.
122. Belviso S., Mihalopoulos N., Sciare J., Claustre H., Martin V., Denis M., Broad scale variability of DMS in the Atlantic. Assessment of some controlling factors. Paper Presented at 23th General Assembly of European Geophysical Society, 2-6 April 1998, Nice, France.
123. Belviso S., Mihalopoulos N., Sciare J., First Atlantic meridional transect of sea surface DMS concentration along 30W with 15Km of spatial resolution., Paper Presented at 23th General Assembly Of European Geophysical Society, 2-6 April 1998, Nice, France.
124. Kanakidou M., Sciare J., Baboukas E., Belviso S., Brauers T., Dorn H.P., Krischke U., Mihalopoulos N., How well can we simulate the atmospheric chemistry of the marine boundary layer of the Atlantic Ocean? Paper Presented at 23th General Assembly of European Geophysical Society, 2-6 April 1998, Nice, France.
125. Gwgou A., Mihalopoulos N., Stephanou E. G., Organic composition of marine aerosols over the Atlantic ocean: study of their origin and occurrence during the Albatross campaign, Paper Presented at 23th General Assembly Of European Geophysical Society, 2-6 April 1998, Nice, France.
126. Nguyen, B.C., Mihalopoulos, N., Sciare, J., Baboukas, E., Seasonal variation of aerosol deposition from biogenic sulfur gases in remote marine atmosphere at Amsterdam Island in the Southern Indian Ocean, International Aerosol symposium, St Petersburg, Russia, 6-9/7, 1998.
127. Kavouras, I., Mihalopoulos N., Stephanou, E.G., Field Evidence for the Chemical Coupling between Terpenes Acidic Photo-Oxidation Products and New Particle Formation Over Forested Areas, Paper Presented at Joint International Symposium on Global Atmospheric Chemistry, Seattle, USA, 19-25 August 1998.

128. Mihalopoulos, N., Sciare, J., Baboukas, E., Nguyen, B.C., Dimethylsulfoxide (DMSO): An important intermediate in the DMS oxidation chain? Paper presented for the Joint International Symposium on Global Atmospheric Chemistry, Seattle, USA, August 19-25, 1998.
129. Mihalopoulos, N., Sciare, J., Baboukas, E., Nguyen, B.C., Short-term variability of dimethylsulfide, its oxidation products and Aitken nuclei in the remote marine atmosphere (Amsterdam island, southern Indian ocean)., paper presented for the Joint International Symposium on Global Atmospheric Chemistry, Seattle, USA , August 19-25, 1998.
130. Bardouki, H., Kouvarakis, G., Sciare, J., Mihalopoulos, N., “Seasonal variation of dimethylsulfide (DMS) in the Eastern Mediterranean Sea”, 3rd Workshop on the variability of the Mediterranean Sea, MATER, Mediterranean Targeted Project II, 15-17 October 1998, Rhodos, Greece.
131. Bardouki, H., Belviso, S., Mihalopoulos, N., Sciare, J., DMS fluxes to the atmosphere and its impact in producing new particles during the Escape campaign at the Norwegian fjords (April 1997), Second International Symposium on Biological and Environmental Chemistry of DMS (P) and related compounds, August 1999, Groningen, The Netherlands.
132. Baboukas, D.E., Weller, R., Mihalopoulos, N., Kanakidou, M., Schrems, O., Profiles of atmospheric nitrogen compounds (NO_x, HNO₃, NO₃, NH₃, NH₄) above the Atlantic Ocean during the Albatross Campaign., 6th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Bologna Italy, 13-17/9, 1999.
133. Sciare J., Mihalopoulos N., Nguyen B.C., Ten-year measurements of atmospheric DMS at Amsterdam island (southern Indian Ocean). Evidence of a climate Feedback? 6th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Bologna Italy, 13-17/9, 1999.
134. Kavouras I, Mihalopoulos N., Stephanou E., Field study of the formation and gas/particle partitioning of monoterpenes photo-oxidation products, 6th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Bologna Italy, 13-17/9, 1999.
135. Patris N., Delmas R.J., Jouzel J., and Mihalopoulos N., Sulfur isotopes in polar ice cores and size-resolved marine aerosols, 6th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Bologna Italy, 13-17/9, 1999.
136. Bardouki H., Mihalopoulos N., Zetzsch C., Kinetics and mechanisms of the oxidation of dimethylsulfoxide (DMSO) by OH radicals in aqueous medium, 6th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Bologna Italy, 13-17/9, 1999.
137. Sciare J., Mihalopoulos N., Dentener F.J., Interannual variability of atmospheric dimethylsulfide in the Southern Indian Ocean: Evidence of a climate Feedback?, SOLAS open Science Conference, Damp, 20-24/2 2000.
138. Kouvarakis G., Mihalopoulos N., Tselepidis T., Stavrakakis S., On the importance of atmospheric nitrogen inputs on the productivity of Eastern Mediterranean, SOLAS open Science Conference, Damp, 20-24/2 2000.

139. Baboukas E, Sciare J., and Mihalopoulos N., Spatial, temporal and interannual variability of wet deposition of Methanesulfonate (MSA) in the Indian Ocean, SOLAS open Science Conference, Damp, 20-24/2 2000.
140. Barcellos da Rosa M., Zetzsch C., Bardouki H., Mihalopoulos N., «Some Reactions of DMSO and MSIA in the Aqueous Phase of Sea-Spray», a contribution to CMD-APP and EC-project EL-CID poster presentation at the EC cluster/Eurotrac2 CMD meeting, 11-13 September 2000, Lausanne, Swiss.
141. Sebastian O., Geyer A., Hoenninger G., Mihalopoulos N., Sciare J. and Platt U., The Role of Nitrate Radicals and Halogen Oxides in the Oxidation of Dimethyl Sulphide in the Moderately Polluted Mediterranean Area – First Results of the CRETE 2000 Field Campaign, Poster presented at the EGS meeting, Nice, March, 2001.
142. Kouvarakis G., Bardouki H., Mihalopoulos N., Sciare J., “Cycling of Biogenic Sulfur Above the Eastern Mediterranean Sea”, International Workshop: Emissions of Chemical Species and Aerosols into the Atmosphere, 19-22 June 2001, Paris, France.
143. Kozak M., Kubilay N., and Mihalopoulos N., Chemical composition of aerosols in the atmospheric boundary layer of the Eastern Mediterranean: Implications regarding sources and transport, Challenges of a changing Earth, Open Science Conference, Amsterdam, The Netherlands, 10-13/7 2001.
144. Bardouki H., Mihalopoulos N., Zetzsch C., ”Oxidation of Dimethylsulfoxide (DMSO) by OH radicals in aqueous medium”, Multiphase Atmospheric Chemistry, the European Aerosol Conference (EAC), 3 September 2001, Leipzig, Germany.
145. Lazaridis M., Colbeck I., Drossinos I., Eleftheriadis K., Havranek V., Housiadas C., Kallos G., Mihalopoulos N., Mikuska P., Smolik J., Solberg S., Spyridaki A., Stefanou E., Stordal F., Svendby T., Vecera Z., Zdimal V., «Subgrid scale investigations of factors determining the occurrence of ozone and fine particles (SUB-AERO) », the European Aerosol Conference (EAC), 3 September 2001, Leipzig, Germany.
146. Bardouki H., Kanakidou M., Vrekoussis M., Mihalopoulos N., Sciare J., « Characterisation of DMS oxidation products in the eastern Mediterranean: Results of the first EL CID campaign », A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.
147. Lazaridis M., Colbeck I., Drossinos I., Eleftheriadis K., Havranek V., Housiadas C., Kallos G., Mihalopoulos N., Mikuska P., Mitsakou C., Smolik J., Solberg S., Spyridaki A., Stefanou E., Stordal F., Svendby T., Bardouki H., Vecera Z., Zdimal V., «Subgrid scale investigations of factors determining the occurrence of ozone and fine particles (SUB-AERO) », A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.
148. Sciare J., Bonsang B., Bardouki H., Vrekousis M., Kouvarakis G., Mihalopoulos N., “Chemical and physical characterization of tropospheric aerosols in the eastern Mediterranean Sea. Results of the first EL CID campaign”, A Changing Atmosphere: the 8th European

Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.

149. Baboukas, E, Sciare J., and Mihalopoulos N., Interannual variability of methanesulfonic acid in rainwater at Amsterdam Island, A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.

150. Sciare J., Kouvarakis G., Vrekoussis M., Mihalopoulos N., Hoenninger G., Sebastian O., and Platt U., Importance of NO₃ radicals on the fate of atmospheric dimethylsulfide in the eastern Mediterranean sea : Results of the first EL CID campaign, A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.

151. Economou C., and Mihalopoulos N., Rainwater formaldehyde in the Eastern Mediterranean: Concentration, deposition and contribution to organic carbon budget, A Changing Atmosphere: the 8th European Symposium on the Physico-Chemical Behaviour of Atmospheric Pollutants", 17-20 September 2001, Torino, Italy.

^{152.} Kubilay N., Kozak M., and Mihalopoulos N., Chemical composition of aerosols in the atmospheric boundary layer of the Eastern Mediterranean: Implications regarding sources and transport, Joint IAPSO/IABO Assembly, Ocean/Atmosphere Biogeochemical Coupling, Argentina, 22-27/10, 2001.

^{153.} Patris N., Mihalopoulos N., Ferron F., Jouzel J., Lee C. C. W., Thiemens M. H., Complete Isotope Study of Particulate Sulfate Above the Indian Ocean, AGU Fall Meeting, San Francisco, December 2001.

^{154.} Loye -Pilot M.-D., Mihalopoulos N., Spatiotemporal variations of the atmospheric inputs of nutrients, saharan dust, and pollutants to the Mediterranean Sea: first results from the ADIOS program, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

^{155.} Berresheim H., Plass-Dülmer C., Elste T., and Mihalopoulos N., OH in the Coastal Boundary Layer of Crete: Measurements and Primary Production Rates During MINOS, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

156. Baboukas E., Sciare J., and Mihalopoulos N., Spatial, temporal and interannual variability of methanesulfonate and non-sea-salt sulfate in rainwater in the Southern Indian Ocean, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

157. Lazaridis M., Colbeck I., Drossinos I., Eleftheriadis K., Havranek V., Housiadas C., Kallos G., Mihalopoulos N., Mikuska P., Mitsakou C., Smolik J., Solberg S., Spyridaki A., Svendby T., Bardouki H., Vecera Z., and Zdimal V., Characterization of physical and chemical factors determining the occurrence of ozone and fine particles, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

158. Putaud P., Baltensperger U., Facchini M.-C., Fuzzi S., Gehrig R., Hansson H.-C., Harrison R. M., Jones A. M., Laj P., Maenhaut W., Mihalopoulos N., Palmgren F., Querol X., Raes F., Rodriguez S., Ten Brink H., Tunved P., Van Dingenen R., Wehner B., Weingartner E., Wiedensohler A., Wählin P., A compilation of aerosol physical and chemical characteristics at kerbside, urban, rural and background sites in Europe, Characterization of physical and chemical factors determining the occurrence of ozone and fine particles, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

159. Dulac F., Chazette P., Moulin C., Ezat U., Leon J.-F., Paronis D., Kanakidou M., Mihalopoulos N., Kouvarakis G., Kavouras I., Stephanou E., Chiapello I., Legrand M., Pancrati O., Losno R., Quisefit J.-P., Malingre G., Overview of observational results from the Mediterranean Dust Experiment (MEDUSE) and correlative measurements, background sites in Europe, Characterization of physical and chemical factors determining the occurrence of ozone and fine particles, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

160. Dulac F., Filippi D., Le Roulley J.-C., Chazette P., Ezat U., Cachier H., Gaudichet A., Losno R., Maillé M., Quisefit J.-P., Mihalopoulos N., Kouvarakis G., Albers F., Observation of the vertical profile of aerosol composition with an airborne isokinetic probe during a pollution episode in the eastern Mediterranean, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

161. Kubilay N., Koçak M., Çokacar T., Kouvarakis G., Mihalopoulos N., and Oguz T.I., The Influence of Black Sea and Local Biogenic Activity on the Seasonal Variation of Aerosol Sulfur Species in the Eastern Mediterranean Atmosphere, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

162. Rappenglück B., Kourtidis K., Mihalopoulos N., Melas D., Schmitt R., Rapsomanikis S., Fabian P., Zerefos C., Observations of Photochemically relevant species on the island of Crete, Greece, 10th Scientific Conference of the International Association of Meteorology of

Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

163. Bardouki H., Berresheim H., Sciare J., Kouvarakis G., Vrekoussis M., Economou C., Mihalopoulos N., Gaseous (DMS, MSA, SO₂, H₂SO₄ and DMSO) and particulate (sulfate and methanesulfonate) sulfur species during the MINOS campaign: 1. Experimental data, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

164. Giannakopoulos C., Good P., O'Connor F., Sarda-Estevé R., Heland J., Mihalopoulos N., Williams J., and Lange L., Reactive nitrogen and its correlation with O₃ and CO over the East Mediterranean region during the MINOS measurement campaign, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

165. Kanakidou M., Vrekoussis M., Berresheim H., Bardouki H., Sciare J., Kouvarakis G., Economou, C., Schneider J., Borrmann S., Mihalopoulos N., Gaseous (DMS, MSA, SO₂, H₂SO₄ and DMSO) and particulate (sulfate and methanesulfonate) sulfur species during the MINOS campaign: 2. A Modelling approach, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

166. Minikin A., Mihalopoulos N., Economou C., Sciare J., Schneider J., Levin Z., Teller A., Ganor E., Stein Cl., Berresheim H., De Reus M., Rasch P., Papayannis A., Chourdakis G., and Tsaknakis G., Tropospheric vertical profiles of aerosol properties in the eastern Mediterranean region in summer 2001 (MINOS campaign), 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

167. O' Connor F. M., Good P., Giannakopoulos C., Schlager H., Fischer H., Williams J., and Mihalopoulos N., Influence of the European Boundary Layer on the East Mediterranean Region, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

168. Römpp A., Mihalopoulos N., Salisbury G., Schneider J. and Moortgat G. K., Organic Aerosol Composition at Finokalia during the MINOS campaign, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

169. Salisbury G., Williams J., Holzinger R., Lange L., Xu X., Mihalopoulos N., Vrekoussis M., Sciare J., Berresheim H., Lawrence M., Von Kuhlmann R., and Lelieveld J., Ground-based PTR-MS measurements of reactive organic compounds during the MINOS campaign in Crete, July-August 2001, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

170. Schneider J., Borrmann S., Wollny A., Bläsner M., Mihalopoulos N., Bardouki H., and Sciare J., Ground based particle measurement during MINOS (Crete, August 2001): Size distribution and inorganic chemical composition, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

171. Sciare J., Economou C., Maenhaut W., Sarda-Estève R., Gautier F., Cachier H., and Mihalopoulos N., Attempt to close the mass of size-resolved aerosols at Finokalia Station during the MINOS experiment, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

172. Sciare J., Economou C., Bardouki H., Sarda-Estève R., Cachier H., Andreae M.O., Mihalopoulos N., Chemical, Physical and Optical properties of aerosols during the MINOS campaign, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

173. Vrekoussis M., Berresheim H., Baboukas V., Gros V., Kanakidou M., Lelieveld J., Mihalopoulos N., The role of NO₃ in the oxidation capacity of Eastern Mediterranean atmosphere as deduced by measurements during the MINOS campaign, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

174. Vrekoussis M., Perner D., Kluepfel T., Lelieveld J., Kanakidou M., Mihalopoulos N., Seasonal variability of NO₃ in the Eastern Mediterranean atmosphere, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

175. Kouvarakis G., Economou C., Markaki Z., Tselepidis A., Kubilay N. and Mihalopoulos N., Atmospheric deposition of inorganic nitrogen and phosphorus in the Eastern Mediterranean Sea and their role to the seawater productivity, 10th Scientific Conference of the International Association of Meteorology of Atmospheric Sciences (IAMAS) Commission for Atmospheric

Chemistry and Global Pollution (CACGP), 7th Scientific Conference of the International Global Atmospheric Chemistry Project (IGAC), Heraklion, Crete, 18-25 September 2002.

176. Kubilay N., Kozak M., and Mihalopoulos N., Investigation of chemical composition of the lower tropospheric aerosols in the eastern Mediterranean region: implications regarding sources and long-range transport, International Conference: Oceanography of the Eastern Mediterranean and Black Sea: Similarities and differences of two interconnected basins, METU Cultural and Convention Center, Ankara/Turkey, 14-18 October 2002.

177. Kouvarakis G., Economou C., Markaki Z., Tselepidis A., Kubilay N. and Mihalopoulos N., On the importance of atmospheric inputs of inorganic nitrogen and phosphorus species on the productivity of the eastern Mediterranean sea, International Conference: Oceanography of the Eastern Mediterranean and Black Sea: Similarities and differences of two interconnected basins, METU Cultural and Convention Center, Ankara/ Turkey, 14-18 October 2002.

178. Kubilay N., Koçak M., Çokacar T., Kouvarakis G., Mihalopoulos N., and Oguz T., the influence of Black Sea and local biogenic activity on the seasonal variation of aerosol sulfur species in the eastern Mediterranean atmosphere, International Conference: Oceanography of the Eastern Mediterranean and Black Sea: Similarities and differences of two interconnected basins, METU Cultural and Convention Center, Ankara/ Turkey, 14-18 October 2002.

179. Kouvarakis, G., Losno, R. and Mihalopoulos N., Trace metals and nutrients in aerosols at the Eastern Mediterranean area, 2nd Mineral Dust Workshop, Paris 10-12 September 2003.

180. M. Vrekoussis, H. Berresheim, V. Baboukas, V. Gros, M. Kanakidou, J. Lelieveld and N. Mihalopoulos “NO₃ measurements during MINOS campaign and their role in the oxidation capacity of Eastern Mediterranean atmosphere”. 19th Greek Chemical Symposium, Heraklion, Greece

181. M. Vrekoussis, D.Perner, T. Kluepfel, J. Lelieveld, M. Kanakidou, N. Mihalopoulos “Seasonal NO₃ measurements in the Eastern Mediterranean’s atmosphere”. Oral presentation in 19th Greek Chemical Symposium, Heraklion, Greece

182. H. Bardouki, H.Berresheim, J. Sciare,G. Kouvarakis, M.Vrekoussis, C. Economou, N. Mihalopoulos “Gaseous (DMS, MSA, SO₂, H₂SO₄ and DMSO) and particulate (sulfate and methanesulfonate) sulfur species during summer”. 19th Greek Chemical Symposium, Heraklion, Greece

183. Dimitris Balis, Alexandros Papayannis, Nikos Kalivitis, Georgios Chourdakis, Vassilis Amiridis, Mihalis Vrekoussis, Nikos Mihalopoulos, Maria Kanakidou, Georgios Tsaknakis “Extinction of solar radiation over the east mediterranean under sahara dust influence” 22nd Laser Lidar Conference, July 12 – 16, Matera, ITALY, 2004.

184. M. Vrekoussis; N. Mihalopoulos; M. Kanakidou; PJ. Crutzen; J. Lelieveld; “Seasonal variability of NO₃ in the eastern Mediterranean atmosphere- contribution to the oxidizing capacity of the atmosphere”, 8th international global atmospheric chemistry conference, New Zealand, 2004.

185. N. Kalivitis; M. Vrekoussis; G. Chourdakis; A. Xylouri; M. Kanakidou; N. Mihalopoulos “Daily variability of the extinction of solar radiation by sahara dust over the east

Mediterranean”; 8th international global atmospheric chemistry conference, New Zealand, 2004.

186. D. Balis; A. Papayannis; N. Kalivitis; G. Chourdakis; V. Amoiridis; M. Vrekoussis; N. Mihalopoulos; M. Kanakidou; G. Tsaknakis; “Extinction of solar radiation over the east mediterranean under sahara dust influence”, 8th international global atmospheric chemistry conference, New Zealand, 2004.

187. E. Liakakou; M. Vrekoussis; M. Koçac; N. Kubilay; N. Mihalopoulos ”Long-term measurements of optical and chemical characteristics of aerosols in the eastern Mediterranean, 8th international global atmospheric chemistry conference, New Zealand, 2004 (oral presentation) .

188. Myriokefalitakis, S., M. Vrekoussis, N. Kalivitis, N. Mihalopoulos, M. Kanakidou ”*Factors controlling the diurnal variation of ozone in the marine boundary layer of the Eastern Mediterranean during summertime*”, First French-German summer school at Ile d’Oleron, - France 2004.

189. Gerasopoulos, E., ,G. Kouvarakis, M. Vrekoussis, M .Kanakidou and N. Mihalopoulos “Analysis of ozone trends in the East Mediterranean”, 1st International Conference of Air Pollution and Combustion, CAPAC, Ankara, Turkey, 2005.

190. Vrekoussis M., M. Kanakidou, H. Liakakou, N. Mihalopoulos, P. J. Crutzen, and J. Lelieveld “Relative contribution of day time and night time chemistry to the formation of HNO₃ and particulate NO₃ in the polluted marine boundary layer of the East Mediterranean”, 9th International Conference On Environmental Science And Technology 1st - 3rd September 2005, Rhodes Island, Greece (oral presentation).

191. Gerasopoulos E., G. Kouvarakis, M. Vrekoussis, M. Kanakidou and N. Mihalopoulos, “Analysis Of Ozone Trends In The East Mediterranean” 9th International Conference On Environmental Science And Technology 1st - 3rd September 2005, Rhodes Island, Greece.

192. Vrekoussis M., Liakakou Helen, Mihalopoulos Nikos, Crutzen Paul. J, Lelieveld Jos, and Kanakidou Maria “Nighttime Chemical Formation Of HNO₃ and NO₃⁻ in the Eastern Mediterranean Region”_Accent-Atmospheric Composition Change The European Network Of Excellence, Urbino, Italy September 12th-16th, 2005.

193. Vrekoussis M., Kanakidou Maria, Myriokefalitakis Stelios, Kalivitis Nikos, Kluepfel Thomas, Lelieveld Jos and Mihalopoulos Nikos “Diel and seasonal variation of the peroxy radicals at the Eastern Mediterranean boundary layer ”_Accent-Atmospheric Composition Change The European Network Of Excellence, Urbino, Italy September 12th-16th, 2005(oral presentation).

194. Gerasopoulos E., Kouvarakis Giorgos, Vrekoussis Mihalis, Donoussis Christos, Kanakidou Maria, Mihalopoulos Nikolaos, “Ozone production rates derived from 7-Year observations in the Eastern Mediterranean and modelling”, Accent-Atmospheric Composition Change The European Network Of Excellence, Urbino, Italy September 12th-16th, 2005.

195. B. Bohn, H. Berresheim, W. Bloss, L. Clapp, K. C. Clemitshaw, G. Corlett, M. Gillmann , D. E. Heard,I. A. Mbakwe, F. Meixner, N. Mihalopoulos, P. S. Monks, C. Plass-DÄulmer, A.

S. H. Prevot, S. Sanghavi, R. Schmitt, G. Stange, M. Vrekoussis "Actinic flux / Photolysis Frequency Measurement Intercomparison, A contribution to WP 11: Quality assurance", Accent-Atmospheric Composition Change The European Network Of Excellence, Urbino, Italy September 12th-16th, 2005.

196. Vrekoussis, M., Kanakidou, M., Lelieveld, J., Crutzen P.J, and Mihalopoulos, N., Differential optical absorption spectroscopy (DOAS): A tool for quantifying nitrate radicals in the atmosphere, The 4th International Conference on Instrumental Methods of Analysis Modern Trends and Applications, October, 2005 Iraklion, Crete GREECE.

197. Z. Markaki, C. Theodosi, P. Zarbas, S. Pergantis, N. Mihalopoulos, "Iron Speciation In Environmental Samples", 4th International Conference on Instrumental Methods of Analysis (IMA 2005), Iraklion, Crete, Greece, 2-6 October 2005. (Poster Presentation)

198. Z. Markaki, C. Theodosi, P. Zarbas, S. Pergantis, N. Mihalopoulos, "Iron Speciation, Solubility and Temporal Variability in Wet and Dry Deposition In The Eastern Mediterranean", Atmospheric Chemistry at the Interfaces, Joint CACGP, IGAC, WMO symposium, Cape Town, South Africa, 17-22 September 2006. (Poster Presentation) Awarded as the best poster presentation.

199. Z. Markaki, C. Theodosi, P. Zarbas, S. Pergantis, N. Mihalopoulos, "Iron Speciation, Solubility and Temporal Variability in Wet and Dry Deposition In The Eastern Mediterranean", 7th Argo Data Management Team meeting, Tianjin, China, 31 October - 3 November 2006. (Poster Presentation)

200. T. Zielinski, K. Markowicz, G. Chourdakis, N. Mihalopoulos, B. Pflug, A. Rozwadowska, Aerosol Radiative forcing studies at different types of sites, Seventh International Aerosol Conference, September 10-15, 2006, St. Paul, Minnesota (p.671)

201. E. Koulouri, P.Zarbas, N. Mihalopoulos, S. Saarikoski, T. Mäkelä, R. Hillamo, Markku Kulmala, Seasonal Variation of chemical composition of size segregated aerosols above the E. Mediterranean, Seventh International Aerosol Conference, September 10-15, 2006, St. Paul, Minnesota (p.1336)

202. Stock Maria, Andreas Massling, Birgit Wehner, Wolfram Birmili, Alfred Wiedensohler, Stephan Leinert, Nikos Kalivitis, Nikos Mihalopoulos, Hydroscopic properties of the fine and coarse Mediterranean aerosols measured on Crete in summer 2005, Seventh International Aerosol Conference, September 10-15, 2006, St. Paul, Minnesota (p.671)

203. Wehner Birgit, Maria Stock, Andreas Nowak, Andreas Maßling, Thomas Müller, Alfred Wiedensohler, Wolfram Birmili, Nikos Kalivitis, Nikos Mihalopoulos Hydroscopic and optical properties of sub micrometer aerosols over the Mediterranean sea: Results from ARIADNE 2005 on Crete, Greece, Seventh International Aerosol Conference, September 10-15, 2006, St. Paul, Minnesota (p.1192).

204. Vrekoussis Mihalios, Nikos Kalivitis, Stelios Myriokefalitakis, Evangelos Gerasopoulos, Jonathan Williams, Jos Lelieveld, Nikos Mihalopoulos, Maria Kanakidou, Nighttime occurrence of peroxy radicals in the marine boundary layer of the Eastern Mediterranean, Atmospheric chemistry at the interfaces 17 - 23 September 2006, Cape Town.

205. Myriokefalitakis Stelios, Kostas Tsigaridis, Giorgos Kouvarakis, Nikolaos Mihalopoulos, Maria Kanakidou, Organic acids in the troposphere: A global 3-dimensional modelling study, Atmospheric chemistry at the interfaces 17 - 23 September 2006, Cape Town.
206. Liakakou Eleni, Bernard Bonsang, Jonathan Williams, Maria Kanakidou, Nikolaos Mihalopoulos, Seasonal variation of C3-C6 NMHCs over the Eastern Mediterranean, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
207. Violaki Kaliopi, Pavlos Zarbas, Nikolaos Mihalopoulos, Organic Nitrogen: A missing piece of the nitrogen cycle in eastern Mediterranean, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
208. Metzger Swen, Nikos Mihalopoulos, Jos Lelieveld, Importance of mineral cations and organics in gas-aerosol partitioning of reactive nitrogen compounds: case study based on MINOS results, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
209. Mihalopoulos Nikolaos, Aggeliki Karanasiou, Kostas Eleftheriadis, Stelios Vratolis, Constantina Mitsakou, Pavlos Zarbas, Mihalis Lazaridis, Chemical composition of size segregated aerosols in an industrial workplace, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
210. Vrekoussis Mihalis, Ludge Lange, Eleftheria Kassotaki, Jonathan Williams, Nikos Mihalopoulos, Factors controlling the levels of peroxy-acetyl nitrate in the Eastern Mediterranean area, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
211. Williams Jonathan, Valerie Gros, Ulf Riebesell, Magda Claeys, Willy Maenhaut, Jamie Kettle, András Gelencsér, Frano Migletta, Nikos Mihalopoulos, Project OOMPH — Organics over the Ocean Modifying Particles in Both Hemispheres, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
212. Arsene Cecilia, Romeo-Iulian Olariu, Kalliopi Violaki, Nikolaos Mihalopoulos, Dissolved organic nitrogen deposition on land in the northeastern part of Romania, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
213. Gerasopoulos Evangelos, Christos Zerefos, Nikolaos Mihalopoulos, Michael Petrakis, Dimitra Founta, Vassilis Psiloglou, Michael Vrekoussis, Georgios Kouvarakis, Changes in photochemistry during two solar eclipses at several locations in the Eastern Mediterranean Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
214. Kalivitis Nikolaos, Evangelos Gerasopoulos, Michael Vrekoussis, Georgios Kouvarakis, Nilgun Kubilay, Ilias Vardavas, Nikolaos Hatzianastassiou, Nikolaos Mihalopoulos, Dust transport over Eastern Mediterranean inferred from remote (TOMS, AERONET) and land based measurements, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
215. Arsene Cecilia, Eleni Liakakou, Aikaterini Bougiatioti, Nikolaos Mihalopoulos, Sources of non-methane hydrocarbons (NMHCs) in the Eastern Mediterranean, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.

216. Kalabokas Pavlos, Raymond Ellul, Evangelos Gerasopoulos, Nikos Mihalopoulos, Savas Kleanthous, Spatial and temporal variability of inorganic nitrogen species in gas, aerosol, wet and dry deposition samples in the Mediterranean, An investigation on the factors influencing the rural surface ozone levels in the Eastern Mediterranean (Malta, Greece, Cyprus), Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
217. Markaki Zambia, Christina Theodosi, Spiros Pergantis, Nikolaos Mihalopoulos Iron speciation, solubility and temporal variability in wet and dry deposition in the East Mediterranean, Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town.
218. Markaki Zambia, Marie-Do Loye-Pilot, Nikolaos Mihalopoulos, Spatial and temporal variability of inorganic nitrogen species in gas, aerosol, wet and dry deposition samples in the Mediterranean. Atmospheric chemistry at the interfaces, 17 - 23 September 2006, Cape Town (*awarded as best poster presentation*).
219. M. Vrekoussis, H. Liakakou, N. Mihalopoulos, P.J. Crutzen, J. Lelieveld and M. Kanakidou, On the daytime and nighttime chemical formation of HNO₃(g) and NO₃⁻ (part) in the Eastern Mediterranean region, in the proceedings of the ILEAPS 1st Science Conference – Boulder, Jan 21-26, 2006, pp. 111 (poster)
220. S. Christodoulaki, G. Petihakis, N. Mihalopoulos, M. Kanakidou*, G. Triantafyllou, Impact of atmospheric deposition of nitrogen and phosphorus on the ocean productivity in the Cretan sea: A 1-d modelling study, Paper to be presented at the IUGG Conference, IAPSO PS001: Biogeochemical Budget and Cycles in the Mediterranean Sea, 09/07/07, Perugia, July 2007. (Oral).
221. Tzitizikalaki E., N Mihalopoulos, V.M. Kerminen, M. Kanakidou, H. Berresheim & J. Sciare, Seasonal variability of the formation of particle sulfur species (sulfate and methanesulfonate) over the Eastern Mediterranean: a modeling approach, poster presentation at the ACCENT/INTROP/GEIA summer school. Ile d’Oleron, Sept. 2007
222. Vrekoussis, M., N. Mihalopoulos, E. Gerasopoulos, M. Kanakidou, P. J. Crutzen, and J. Lelieveld, Long-term observations of nitrate radicals in the marine boundary layer of a remote area. Contribution to the ACCENT CCAQ: Group 1: Investigating changes in photo-oxidants, precursors and feedback mechanisms, with changing temperature and land use, 4rth Barnsdale expert meeting, Oct-Nov. 2007.
223. E. Gerasopoulos, E. Koulouri, N. Kalivitis, G. Kouvarakis, M. Vrekoussis, S. Saarikoski, T. Mäkelä, R. Hillamo, N. Kubilay, N. Mihalopoulos, Aerosols over Eastern Mediterranean: Size-segregated mass distributions, vertical dust transport pathways and comparison with AERONET and TOMS, Atmospheric Composition Change the European Network of Excellence ACCENT Symposium, Causes and Consequences – Local to Global, Urbino, Italy, 23-27 July 2007.
224. Violaki Kalliopi, Zampas Pavlos, Mihalopoulos Nikos, 2η SOLAS Open Science Conference, 6-9 March, 2007, Xiamen, China. Title: "Organic Nitrogen Cycle in East Mediterranean" (Poster Presentation)
225. M. Kanakidou, N. Mihalopoulos, N. Kalivitis, K. Tsigaridis, G. Kouvarakis, E. Koulouri, E. Gerasopoulos, M. Vrekoussis, S. Myriokefalitakis. Natural Contributions To Particulate

Mater Levels Over Europe – The Experience From Greece, Proceedings of the 10th International Conference on Environmental Science and Technology CEST 2007, Global Network for Environmental Science and Technology Global Nest, Kos Island, Greece, 5-7 September 2007, pp 585-592.

226. Vrekoussis M., Mihalopoulos N., Gerasopoulos E., Kanakidou M., Crutzen P. J., and Lelieveld J. Long-term observations of nitrate radicals in the marine boundary layer of a semi-polluted, remote area. Contribution to the ACCENT CCAQ: 4th Barnsdale Meeting November 2007.

227. Kanakidou M., Myriokefalitakis S., Tsigaridis K., Sfakianaki M., Mihalopoulos N., Kalivitis N., Gerasopoulos E., Natural Contributions to Particulate Mater Levels over Europe, Proceedings of Protection and Restoration of the Environment IX, Kefalonia, Greece, 29 June - 3 July 2008.

228. N. Mihalopoulos and A. Chaloulakou, Origin and factors controlling chemical composition of particulate matter in urban and rural locations in Greece, Proceedings of Protection and Restoration of the Environment IX, Kefalonia, Greece, 29 June - 3 July 2008.

229. Ch. Papadimas, N. Hatzianastassiou, N. Mihalopoulos, X. Querol, I. Vardavas, Aerosol Optical depth variability in the Mediterranean basin based on Modis and Aeronet data, Proceedings of Protection and Restoration of the Environment IX, Kefalonia, Greece, 29 June - 3 July 2008.

230. C. Arsene, A. Bougiatioti and N. Mihalopoulos, Sources and Variability of Non-methane Hydrocarbons in the Eastern Mediterranean, Protection and Restoration of the Environment IX, Kefalonia – GREECE, 29 June-3 July 2008. (*awarded as best poster presentation*).

231. A. Bougiatioti, C. Fountoukis, N. Kalivitis, A. Nenes, S. Pandis and N. Mihalopoulos, Aerosol characterisation in the marine boundary layer of the eastern Mediterranean. Cloud droplet formation characteristics, chemical and CCN closure, European Aerosol Conference 2008 (EAC 2008), Thessaloniki – GREECE, 24-29 August 2008

232. A. Flarountzou, E. Terzi, C. Samara, A. Bougiatioti, N. Mihalopoulos and K. Nikolaou, Particulate and water soluble carbon fractions in PM10 of Thessaloniki, European Aerosol Conference 2008 (EAC 2008), Thessaloniki – GREECE, 24-29 August 2008.

233. N. Kalivitis, A. Bougiatioti, C. Fountoukis, E. Liakakou, G. Kouvarakis, I. Kopanakis, J. Sciare, M. Lazaridis, R. Hillamo, A. Nenes, S. Pandis and N. Mihalopoulos, Physicochemical characterisation of aerosols in the marine boundary layer of the eastern Mediterranean during summer, European Aerosol Conference 2008 (EAC 2008), Thessaloniki – GREECE, 24-29 August 2008

234. Gerasopoulos E., Kalivitis N., Kouvarakis G., Hillamo R. and Mihalopoulos N., Dust transport from Africa and its contribution to aerosol loadings over eastern Mediterranean, IX EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Thessaloniki, Greece, 28-31 May 2008.

235. Kanakidou M., Myriokefalitakis S., Tsigaridis K., Mihalopoulos N., Kalivitis N., Gerasopoulos E., Vrekoussis M., Natural and anthropogenic contributions to particulate mater

and its radiative forcing over the East Mediterranean, IX EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Thessaloniki, Greece, 28-31 May 2008.

236. Gerasopoulos E., Kalivitis N., Kouvarakis G., Hillamo R. and Mihalopoulos N., Aerosol loadings over Eastern Mediterranean and the contribution of Saharan dust, First International Conference: From Deserts to Monsoons, Aldemar Knossos Royal Village, Crete, Greece June 1-6, 2008 (invited).

237. Violaki Kalliopi, Zarnpas Pavlos, Mihalopoulos Nikos, 10^o IGAG Conference, 7-12 September, 2008, Annecy-le-Vieux, France. Title:"Organic Nitrogen in Marine atmosphere" (Poster Presentation)

238. Arsene, C., Olariu, R.I., Kanakidou, M., Mihalopoulos, N., Atmospheric aerosol characterization at Iasi, north-eastern Romania. First results, European Aerosol Conference (EAC 2008), T06A206P, 2008.

239. Kanakidou M. S. Myriokefalitakis, K. Tsigaridis, N. Mihalopoulos, X. Querol, A. Alastuey, Natural and Anthropogenic contributions to particulate matter in southern Europe, EUCAARI, Helsinki,, Report Series in Aerosol Science part A (vol 99), Proceedings of 2008 EUCAARI Annual Meeting Helsinki 17.-21.11.2008, Hanna K. Lappalainen, Ari Asmi, Tuomo Nieminen, and Markku Kulmala, 121-126, 2008 (oral)

240. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Aerosol events in the Mediterranean basin during the 7-year period 2000 – 2007 based on MODIS – Terra data», Vol. 10, EGU2008-A-10280, 5th General Assembly of the European Geosciences Union, Vienna, Austria, 13 – 18 April 2008.

241. 2. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Study and characterization of aerosol episodes in the Mediterranean basin for the 7-year period 2000 – 2007 based on MODIS data», European Aerosol Conference, Abstract T06A1150, Greece, Thessaloniki, 24 – 29 August 2008.

242. 3. N. Hatzianastassiou, N. Mihalopoulos, A. Gkikas, O.Torres, B. D. Katsoulis: «The role of megacities on aerosol optical thickness in the Eastern Mediterranean basin based on TOMS and MODIS satellite data», 7th International Conference on Air Quality - Science and Application (Air Quality 2009), p. 856-859, Istanbul, 24-27 March 2009.

243. 4. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos, O.Torres, B. D. Katsoulis: «The role of natural and anthropogenic particles in the eastern Mediterranean basin aerosol levels based on multi-year TOMS and MODIS satellite data», M15.52/29204, p. 167, Our warming planet, IAMAS-IAPSO-IACS MOCA-09, Joint General Assembly, Montreal, Canada, July 19 – 29, 2009.

244. M. Séguret, M. Koçak, N. Kubilay, B. Herut, N. Mihalopoulos, C. Theodosi, S. Ussher, P. Worsfold, M. Nimmo, "Physical and Chemical Factors impacting upon the Dissolution of Aerosol Iron in Seawater", American Society of Limnology and Oceanography (ASLO), Nice, France, 25-30 January 2009. (Oral Presentation)

245. S. Pateraki, D.N. Asimakopoulos, T. Maggos, A. Bougiatioti, N. Mihalopoulos, K. Bairachtari and C. Vasilakos, Particulate (PM_{2.5}, PM₁) transfer effects in the greater Athens area: concentrations, chemical characterization (PAHs, Carbon elements, Ion species), 7th International Conference on Air Quality- Science and Application, Istanbul – TURKEY, 24-27 March 2009.
246. C. Theodosi, U. Im, A. Bougiatioti, P. Zarmas, O. Yenigun and N. Mihalopoulos, Chemical composition and sources of aerosols over Istanbul, Turkey» (Παρουσίαση Poster), 7th International Conference on Air Quality- Science and Application, Istanbul – TURKEY, 24-27 March 2009.
247. A. Bougiatioti, C. Fountoukis, N. Kalivitis, R. Moore, A. Nenes, S. Pandis and N. Mihalopoulos, Chemical composition of aerosols and cloud condensation nuclei in the Eastern Mediterranean: Results from long-term studies» (Προφορική παρουσίαση), Goldschmidt Conference 2009, Davos – SWITZERLAND, 21-26 June 2009.
248. L. Hildebrandt, E. Kostenidou, B.-H. Lee, G.J. Engelhart, C. Mohr, K. Bougiatioti, P.F. DeCarlo, A.S.H. Prevot, U. Baltensperger, N. Mihalopoulos, N.M. Donahue and S.N. Pandis, Origin, composition and volatility of aerosol in the Mediterranean during the EUCAARI intensive campaigns: The Finokalia Aerosol Measurement Experiments, European Aerosol Conference 2009 (EAC 2009), Karlsruhe – GERMANY, 6-11 September 2009
249. L.P. Chrysikou, C. Samara, A. Bougiatioti and N. Mihalopoulos, Polycyclic Aromatic Hydrocarbons and carbon-containing species in ambient aerosols in Thessaloniki, Greece, European Aerosol Conference 2009 (EAC 2009), Karlsruhe – GERMANY, 6-11 September 2009.
250. E. Kostenidou, L. Hildebrandt, G.J. Engelhart, B. Lee, C. Mohr, A. Bougiatioti, U. Baltensperger, N. Mihalopoulos and S.N. Pandis, Measurements of the volatility distribution and density of ambient organic aerosols during the Finokalia Aerosol Measurement Experiment-2008, European Aerosol Conference 2009 (EAC 2009), Karlsruhe – GERMANY, 6-11 September 2009.
251. C. Theodosi, U. Im, A. Bougiatioti, P. Zarmas, O. Yenigun and N. Mihalopoulos, "Chemical composition and sources of aerosols over Istanbul, Turkey, 7th International Conference on Air Quality - Science and Application, Istanbul, Turkey, 24-27 March 2009. (Poster Presentation)
252. C. Theodosi, P. Zarmas and N. Mihalopoulos, "Atmospheric Deposition over the Mediterranean and the Black Sea", Marseille T1.5. Sesame Meeting, Marseille, France, 8-9 July 2009. (Oral Presentation).
253. N. Mihalopoulos, C. Theodosi and Z. Markaki, "The Significance of atmospheric inputs of dissolved and particulate trace metals to the Eastern Mediterranean seawater", Our warming Planet, MOCA-09 Joint Assembly: IAMAS - IAPSO and IACS, Montréal, Québec, Canada, 19-29 July 2009. (Oral Presentation)
254. C. Theodosi, N. Mihalopoulos, I. Stavrakaki, S. Stavrakakis, G. Kambouri, S. Moncheva, "Coupling between atmosphere and seawater in Black Sea: An integrated approach", 2nd

SESAME Scientific Workshop, Auditorium, La Citadelle, Villefranche-sur-Mer, France, 10-12 November 2009. (Poster Presentation).

255. S. Christodoulaki, G. Petihakis, N. Mihalopoulos, M. Kanakidou, Importance of atmospheric deposition of nitrogen and phosphorus for the marine ecosystem of the Cretan Sea, paper to be presented at the MOCA 2009 International Conference, Montreal July 2009 (poster)

256. M. Vrekoussis, A. Richter, F. Wittrock, M. J. P. Burrows, E. Gerasopoulos, V. Amiridis, M. Petrakis, C. Zerefos, S. Myriokefalitakis, M. Kanakidou, N. Mihalopoulos, Monitoring air pollution from space: The major urban areas of the Eastern Mediterranean basin, in the proceedings of the International Conference on Space Technology, Thessaloniki, 24-28 August 2009.

257. E.V. Dermitzaki, M. Vrekoussis, S. Myriokefalitakis, N. Mihalopoulos, A. Ladstätter-Weissenmayer, A. Richter, F. Wittrock, J.P. Burrows, M. Kanakidou*, Spatial and temporal variability of O₃, CO, NO₂, HCHO inferred from satellite, ground based observations and modeling above South-East Europe: Role of pollution sources, in the proceedings of First International Conference on Space Technology, Thessaloniki, 24-26 August 2009 (oral).

258. J. Sciare, M. Bressi, J. Nicolas, A. Feron, M. Bonnaire, V. Gherzi, A. Rosso, S. Moukhtar, P. Lameloise, N. Mihalopoulos and C. Theodosi, “The AIRPARIF-AEROSOL project: A comprehensive source apportionment study of fine aerosols (PM_{2.5}) in the region of Paris (France)”, European Geosciences Union General Assembly 2010 (EGU 2010), Vienna, Austria, 2-7 May 2010. (Poster Presentation).

259. C. Theodosi, N. Mihalopoulos, I. Stavrakaki, S. Stavrakakis, G. Kambouri, S. Moncheva, “Coupling between atmosphere and seawater in Black Sea: An integrated approach”, 39th CIESM Congress, Venice, Italy, 10-14 May 2010. (Poster Presentation).

260. N. Mihalopoulos, C. Theodosi and Z. Markaki, “The Significance of atmospheric inputs of dissolved and particulate trace metals to the Eastern Mediterranean seawater”, 39th CIESM Congress, Venice, Italy, 10-14 May 2010. (Oral Presentation).

261. Im U., Markakis K., Daskalakis N., Doering U., Unal A., Mihalopoulos N., Gerasopoulos E., Kocak M., Kindap T., van Aardenne J., Kubilay N., Kanakidou M., 2010. Seasonal Variation of Air Pollution over the Eastern Mediterranean in 2008: A modeling study. An International Workshop on Mesoscale Modeling for Air Pollution Applications - Achievements and Challenges, 25-26 February 2010, Geneva, Switzerland - COST Action 728 Final Workshop (oral).

262. M. Koçak , C. Theodosi, P. Zampas, U. İm, A. Bougiatioti, O. Yenigun and N. Mihalopoulos (2010). Particulate matter (PM₁₀) in Istanbul: Origin, source areas and potential impact on surrounding regions, 12th Symposium of the International Commission on Atmospheric Chemistry and Global Pollution (CACGP), 11th Science Conference of the International Global Atmosphere Chemistry (IGAC), Project Halifax, Canada, 11-16 July 2010. (Oral Presentation)

263. A. Bougiatioti, C. Fountoukis, N. Kalivitis, S.N. Pandis, A. Nenes and N. Mihalopoulos, Size-resolved CCN measurements in the Eastern Mediterranean: distributions, closure and

activation kinetics, Joint IGAC-CACGP Atmospheric Chemistry: Challenging the Future, Halifax – CANADA, 11-16 July 2010

264. N. Kalivitis, I. Stavroulas, A. Bougiatioti, G. Kouvarakis, S. Gagné, H.E. Manninen, M. Kulmala, A. Wiedensohler and N. Mihalopoulos, Atmospheric nucleation in the Eastern Mediterranean marine boundary layer, Joint IGAC-CACGP Atmospheric Chemistry: Challenging the Future, Halifax – CANADA, 11-16 July 2010

265. C. Theodosi, Z. Markaki and N. Mihalopoulos, "The Significance of atmospheric inputs of dissolved and particulate trace metals to the Eastern Mediterranean seawater", Geotraces Mediterranean Planning Workshop, Nice, France, 4-6 October 2010. (Poster Presentation)

266. N. Mihalopoulos, C. Theodosi, Z. Markaki, S. Stavrakakis, A. Tselepidis and S. Moncheva "Link between Atmospheric Deposition and downward flux of metals and carbon in Seawater: Cases of E. Mediterranean and Black Sea", IMBER-IMBIZO2, Integrating biogeochemistry and ecosystems in a changing ocean: Regional comparisons, Heraklion, Crete, Greece, 10-14 October 2010. (Oral Presentation)

267. 5. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Variability in aerosol properties, sources and events in the Eastern Mediterranean basin based on satellite observations», Protection of the Environment, p.198-205, Greece, Corfu, 5 – 7 July 2010.

268. 6. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Direct radiative effect of extreme desert dust episodes in the Mediterranean basin», International Aerosol Conference, Finland, Helsinki, 2F3, 29 August – 3 September 2010.

269. 7. A. Gkikas, N. Hatzianastassiou, N. Mihalopoulos: «Direct effect of extreme aerosol episodes on atmospheric solar radiation in the broader Mediterranean basin and potential links with atmospheric dynamics», Geophysical Research Abstracts, Vol. 13, EGU2011-12581, EGU General Assembly 2011, 2011.

270. 9. A. Gkikas, E. E. Houssos, C.J. Lolis, A. Bartzokas, N. Mihalopoulos, N. Hatzianastassiou: «Atmospheric circulation characteristics favouring the development of desert dust storms in the Mediterranean», 13th Plinius Conference on Mediterranean Storms, Plinius13-70, Savona, Italy, 7-9 September 2011.

271. 10. A. Gkikas, E. E. Houssos, A. Bartzokas, N. Mihalopoulos, N. Hatzianastassiou: «Atmospheric circulation patterns associated with intense dust outbreaks over the Mediterranean basin», Atmospheric Composition Change the European Network (ACCENT), Air quality and climate change: Interactions and Feedbacks, 3rd Urbino Symposium, Urbino, Italy, 13-16 September 2011.

272. C. Theodosi, A. Gogou, A. Kokkotos, S. Stavrakakis, V. Lykousis, G. Parinos, J. Hatzianestis and N. Mihalopoulos, "Seasonal and depth-related variations of trace metals, organic, elemental carbon and molecular tracers in settling particles from the open Eastern Mediterranean Sea (NESTOR site)", 43rd Liège Colloquium on Ocean Dynamics: Tracers of physical and biogeochemical processes, past changes and ongoing anthropogenic impacts, Liège, Belgium, 2-6 May 2011. (Poster Presentation)

273. Christodoulaki S., Kanakidou M., Petihakis G., Mihalopoulos N., Tsiaras K., Violaki K., Triantafyllou G., Air Quality and Climate Change: Interactions and Feedbacks, ACCENT-Plus Symposium, 2011, Urbino. Title: "Evaluating the importance of atmospheric deposition of nitrogen on the marine ecosystem in the east Mediterranean" (Oral Presentation)
274. Im U., Daskalakis N., Gerasopoulos E., Kindap T., Kocak M., Markakis K., Melas D., Mihalopoulos N., Poupkou A., Unal A., Kanakidou M., Impact of the emissions from the Eastern Mediterranean megacities on air quality, ACCENT Plus, Air Quality and Climate Change: Interactions and feedbacks, 3rd Urbino Symposium, 13-16 September, Urbino, Italy, 2011.
275. Nikolaos Mihalopoulos , Savvas Kleanthous, G. Kouvarakis and M. Kanakidou, Ozone trends above eastern Mediterranean, ACCENT Plus, Air Quality and Climate Change: Interactions and feedbacks, 3rd Urbino Symposium, 13-16 September, Urbino, Italy, 2011.
276. A. Bougiatioti, A. Nenes, C. Fountoukis, N. Kalivitis, S.N. Pandis, and N. Mihalopoulos, Size-resolved CCN activity and variability in the marine boundary layer of the Eastern Mediterranean, ACCENT Plus, Air Quality and Climate Change: Interactions and feedbacks, 3rd Urbino Symposium, 13-16 September, Urbino, Italy, 2011.
277. P. Zampas, D. Smouliotis, M.Kocak, N. Mihalopoulos, spatial and temporal variability of ionic and OC/EC concentration above the eastern Mediterranean basin, ACCENT Plus, Air Quality and Climate Change: Interactions and feedbacks, 3rd Urbino Symposium, 13-16 September, Urbino, Italy, 2011.
278. Ulas Im, Nikos Daskalakis, Nikos Mihalopoulos, Maria Kanakidou, Temperature changes impact on summer time air quality in the Eastern Mediterranean EGU General Assembly 2011, Vienna | Austria, 03 – 08 April 2011.
279. N. Mihalopoulos, S. Kleanthous, G. Kouvarakis, A. Gkikas, E. Vasiliadou, C. Theodosi, C. Zoubali and N. Hatzianastasiou "Interannual variability of dust over the Eastern Mediterranean", 6th International Workshop on Sand/Duststorms and Associated Dustfall, Athens, Greece, 7-9 September 2011. (Oral Presentation).
280. I. Kopanakis, K. Eleftheriadis, N. Mihalopoulos, N. Lydakis – Simantiris, E. Katsivela, D. Pentari, P. Zampas, and M. Lazaridis, Variability of physico-chemical aerosol properties in the Eastern Mediterranean, EAC 2011 Manchester, 4th-9th September 2011.
281. J. B. Nicolas, J.Sciare, N. Mihalopoulos, H. Cachier, K. Oikonomou, R. Sarda-Estève and F. Dulac, Aerosol chemical mass closure in Corsica Island: towards a better understanding of the seasonal variation of aerosol sources in the Western Mediterranean, EAC 2011 Manchester, 4th-9th September 2011.
282. A. Gkikas, E.E. Houssos, C.J. Lolis, A. Bartzokas, N. Mihalopoulos and N. Hatzianastasiou, The regime of dust episodes over the Mediterranean basin from contemporary satellites, 6th International Workshop on Sand/Duststorms and Associated Dustfall, Athens, Greece, 7-9 September 2011. (Oral Presentation).

283. N. Benas, N. Hatzianastassiou, C. Matsoukas, A. Fotiadi, N. Mihalopoulos, I. Vardavas, Aerosol shortwave daily radiative effect and forcing based on MODIS Level 2 data: Study of Saharan dust events in the Eastern Mediterranean (Crete), 6th International Workshop on Sand/Duststorms and Associated Dustfall, Athens, Greece, 7-9 September 2011. (Oral Presentation).
284. C. Theodosi, S. Kleanthous, P. Zampas, G. Kouvarakis and N. Mihalopoulos, "Chemical Composition and Sources of Aerosols over Cyprus", Air Quality and Climate Change: Interactions and Feedbacks, ACCENT-Plus Symposium, Urbino, Italy, 13-16 September 2011. (Poster Presentation)
285. P. Zampas, D. Smouliotis, F. Koulaki, C. Theodosi, M. Koçak and N. Mihalopoulos "Chemical composition and sources of aerosols over the Eastern Mediterranean", 8th International Conference on Air Quality - Science and Application, Athens, Greece, 19-23 March 2012.
286. Theodosi C., Gogou A., Parinos C., Kokotos A., Hatzianestis J., Stavrakakis S., Lykousis V., and Mihalopoulos N. "Seasonal and depth-related variations of elemental carbon, trace metals and hydrocarbons in settling particles from the open Eastern Mediterranean Sea", 10th Symposium on Oceanography & Fisheries, Hellenic Centre for Marine Research Conference, Athens, Greece, 07 - 11 May 2012.
287. Theodosi C., Stavrakakis S., Koulaki F., Stavrakaki I., Moncheva S., Papathanasiou E., Sanchez-Vidal A., Koçak M., Mihalopoulos, N. "An overview of atmospheric versus particulate matter fluxes of major and trace metals in the Black Sea", 10th Symposium on Oceanography & Fisheries, Hellenic Centre for Marine Research Conference, Athens, Greece, 07 - 11 May 2012.
288. Chandra Mouli Pavuluri, Nikolaos Mihalopoulos, Kimitaka Kawamura, Chemical composition and origins of atmospheric aerosols from Sapporo, northern Japan: Year-round observations Abstract for AOGS – AGU (WPGM) Joint Assembly, 13-17 August 2012, Singapore.
289. Violaki Kalliopi, Mara Paraskevi., Spyros Apostolos, Kanakidou Maria, Mihalopoulos Nikos, "Atmospheric deposition of P over the East Mediterranean" 12 IGAG Conference, 17-21 September, 2012, Beijing, China (Poster Presentation).
290. Vrekoussis, M., Richter, A., Hilboll, A., Burrows, J.P., Gerasopoulos, E., J. Lelieveld, Mihalopoulos, N., Zerefos, C., Rapid acceleration of pollution levels reduction over Athens during the economic crisis period, 12 IGAG Conference, 17-21 September, 2012, Beijing, China (Oral Presentation).
291. U. Im, K. Markakis, M. Kocak, E. Gerasopoulos, N. Daskalakis, N. Mihalopoulos, A. Poupkou, T. Kindap, A. Unal, M. Kanakidou, Air quality in the east mediterranean: impacts of emissions, temperature and mitigation, IGAC Atmospheric Chemistry in the Anthropocene, Beijing, 17-21 Sept. 2012 (poster).
292. Theodosi C., Zampas P., Smouliotis D., Bougiatioti A., Kocak M., Mihalopoulos N., Carbonaceous Aerosols over the Eastern Mediterranean and Black Sea: Primary versus

secondary sources, 12 IGAG Conference, 17-21 September, 2012, Beijing,China (Oral Presentation).

293. Mihalopoulos N., K. Kawamura, E. Tachibana, Dicarboxylic acids and their stable carbon isotopic ratio in fine aerosols above E. Mediterranean: implications for photochemical aging and SOA formation, 12o IGAG Conference, 17-21 September, 2012, Beijing,China (Poster Presentation).

294. J. Sciare, A. di Sarra, R. Ellul, E. Gerasopoulos, H.C. Hansson, S. Kleanthous, N. Mihalopoulos, J. Pey, A. Alastuey, and N. Yassaa, A Mediterranean Atmospheric Network for in-situ aerosol measurements: Motivation and Objectives, EAC GRANADA – 2-7 September 2012.

295. .A. Bougiatioti, P. Zarnpas, E. Koulouri, M. Antoniou, C. Theodosi, G. Kouvarakis, S. Saarikoski, T. Mäkelä, R. Hillamo and N. Mihalopoulos, Organic, elemental and water-soluble organic carbon in size segregated aerosols, in the marine boundary layer of the Eastern Mediterranean, EAC GRANADA – 2-7 September 2012.

296. J. B. Nicolas, J. Sciare, R. Sarda-Estève, N. Mihalopoulos, G. Kouvarakis and F. Dulac, A multi-tracer approach (oxalate, MSA...) to better understand Secondary Organic Aerosol sources and (trans) formation processes in the Mediterranean region, EAC GRANADA – 2-7 September 2012.

297. E. Triantafyllou, M.Giamarelou, S. Bezantakos, K. Barmounis, E. Bossioli, G. Ch. Theodosi, M. Tombrou, N. Mihalopoulos, K. Eleftheriadis, G. Biskos, Physicochemical Properties of Ultrafine Aerosol Particles in the North Aegean during the AEGEAN_GAME Field Campaign, EAC GRANADA – 2-7 September 2012.

298. S. Bezantakos, K. Barmounis, E. Bossioli, M. Tombrou, N. Mihalopoulos, K. Eleftheriadis, G. Biskos, Hygroscopic Properties of Ultrafine Aerosol Particles over the Aegean Sea, EAC GRANADA – 2-7 September 2012.

299. D. Paraskevopoulou, S. Kazadzis, N. Mihalopoulos, A. Arola, K. Eleftheriadis, C. Theodosi, A. Bougiatioti, E. Diapouli and E. Gerasopoulos, Evaluation of aerosol OC / BC estimations derived from AERONET data, using in-situ ground measurements, EAC GRANADA – 2-7 September 2012.

300. S. Bezantakos, E. Konstenidou, A. Bougiatioti, K. Eleftheriadis, N. Mihalopoulos, A. Nenes, S. Pandis, Biskos G., Chemical Composition and Hygroscopic Properties of Ultrafine Aerosol Particles in the Atmosphere over an Urban Background Site in Patras, Greece, EAC GRANADA – 2-7 September 2012.

301. Herut, B., Pitta, P., Krom, M., Mihalopoulos, N., Tsagaraki, T.M., Rahav, E., Berman-Frank, I. and the whole group, Impact of pure Saharan and polluted aerosol on biogeochemical processes in the East Mediterranean sea, Preliminary results of a mesocosm experiment (Crete, May 2012), International Symposium, “Recent achievements and future directions in Aquatic Mesocosm Research”, 16 - 19 October 2012, Heraklion, Crete, Greece.