

CURRICULUM VITAE

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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, Greece

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

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

Research Interest and Experience:

Atmospheric Chemistry and Physics, Global Biogeochemical Cycles, Chemical Kinetics, Environmental Analytical Chemistry.

Reviewer in International Journals:

- 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

Reviewer for Proposals: 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).

EDITORIAL BOARD: Journal of Atmospheric Chemistry and Physics (EGS) <http://www.atmos-chem-phys.org>.

Guest editor of four special issues in ACP: (Minos campaign, IGAC conference, Solar Eclipse, Pegasus) and in Journal of Marine Sciences (JMS).

Referee for PhD Thesis in Foreign Universities: 1) Marine Chemistry and Physics, 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, University of Hamburg.

Referee for Habilitation Thesis in University of Bremen and University Paris VII.

Invited speaker in 10 International conferences.

Member of scientific committee in more than 10 International conferences.

TEACHING ACTIVITIES.

I: Lecturing.

- Instrumental techniques in Analytical Chemistry (Undergraduate students; 4h/week continuous since 1994).
- Atmospheric Chemistry (Undergraduate students; 3h/week continuous since 1994).
- Atmospheric Chemistry at the University of Athens and Patras for Master students (in 1995, 1997, 2007 and 2009).
- Quantitative and qualitative chemistry ((Undergraduate students; 4h/week, 2010).
- Responsible for 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).

II: PhD and Master Theses supervising.

A: Master Students

NAME		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	Evridiki	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

B: PhD Students

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	10/4/2011
Theodosi	Christina	15/4/2011

*codirector

C: Post-Doctorate coworkers

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

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

1. "Platon" Bilateral Scientific Collaboration between France and Greece; 1994-1996.
2. Bilateral collaboration between Greece and Germany (1994- 1996).
3. "Marathon" (Marine Atmosphere Oxidation Capacity Experiment), EU, Environment (1996-1998): 95 KECU.
4. "Aerobic" (AEROSol formation from Biogenic Carbon), EU, Environment (1996-1998, Co-PI): 100 KECU.
5. "Meduse" (MEDiteranean DUst Study Experiment), EU, Environment (1996-1998, Co-PI): 110 KECU.
6. "Biogest" (Biogas Emissions from Estuaries) EU, MAST (1996-1999): 20 KECU.
7. "ESCAPE" (Entangled Sulfur and carbon cycles in Phaeocystis dominated Ecosystems) EU, MAST (1996-1999):18 KECU.
8. "Mater" (Mass transfer and ecosystem response) EU, MAST (1997-1999): 30 KECU.
9. ETERPS (Ministry of Environment) Characterisation of the Chemical Composition of the Atmosphere in the East Mediterranean Area (1997-1999, Co-PI): 88 KEU.
10. "DOMAC" (Dimethylsulfide DMS: Oxidation Mechanism in Relation to Aerosols and Climate) Marine Atmosphere Oxidation Capacity Experiment), EU, Environment (1998-2000): 75 KECU.
11. Training Mobility Research program EU March 1998-March 2000: For J. Sciare to perform his PhD Thesis in Greece: 67 KECU.

12. "Environmental Science and Engineering-Post Graduate Studies Programme", Co-director, PI. E.Stephanou, ca. 400.000 EURO, Ministry of Education and European Commission, 1998-2003.
13. "El-CID" (Evaluation of the Climatic Role of Dimethylsulfide DMS), EU, Environment (1999-2003): 109 KECU.
14. "Sub-Aero" (Subgrid Scale Investigations of Factors Determining the Occurrence of Ozone and Fine Particles), (2000-2002): 20 KECU.
15. Emission of Nitrogen Compounds (NH_4^+ , NO_3^- , N_2O and NO_x) from Waste water treatment stations, GSRT, (2002-2005), 59KEU.
16. "ADIOS" (Atmospheric Deposition and Impact of pollutants, key elements and nutrients on the Open Mediterranean Sea), EU, Environment (1999-2003): 119 KECU.
17. "Create" (Creating an aerosol database for Europe), EU, Environment (2002-2004): 78 KECU.
18. Oxidation Capacity of the Eastern Mediterranean Atmosphere, GSRT, (2002-2005), 89KEU.
19. Aerosols in various Indoor locations in Greece, GSRT, (2003-2006), 59 KEU.
20. Evaluation of the Climatic Impact of the Tropospheric Aerosols in the Mediterranean Area. (ECITAMA)-MEIF-CT-2005-009578, EU (2005-2007), 140KEU.
21. Organics over the Ocean Modifying Particles in both Hemispheres (OOMPH), EU (2005-2008), 131KEU.
22. European Supersites for Atmospheric Aerosol Research EUSAAR - Co 026140, EU (2006-2011), 110KEU.
23. SESAME: Southern European Seas, Assessing and Modelling Ecosystem Changes - Co 036949-2 (EU 2006-2011), 65KEU.
24. CIRCE - 036961 (integrated project), EU (2007-2011), 150KEU.
25. Atmospheric deposition of N and P and their role on seawater productivity (Iraklitos I, for PhD Thesis of Z. Markaki; 2002-2007), 36KEU.
26. Characterization of physical and chemical parameters controlling climatic role of aerosols in the Eastern Mediterranean atmosphere, Ministry of Education, 2004-2007, 80 KEU.
27. Organic substances in the atmosphere, GSRT (2005-2009); 106KEU.
28. Climatic role of aerools above eastern Meidterranean. 12 KEU (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, 12 KEU (Greek-French collaborative projects; 2004-2006).
30. Chemical composition of aerosol above Greek and Romanian Cities. 12 KEU (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) (200 Keuro)
32. Role of Megacities in air quality of the Eastern Mediterranean, (Iraklitos II, for PhD Thesis of P. Zarmpas; 2010-2013), PI, 45KEU.
33. Relation between chemical composition, optical and climatic parameters above Athens, (Iraklitos II, for PhD Thesis of E. Paraskevopoulou; 2010-2013), PI, 45KEU.
34. Particulates Monitoring, Modelling and Management over Cyprus, PM3, EU-Life project (1/1/2011-31/12/2013), PI, 60KEU.

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, 70,5KEuro.
36. ACTRIS, Aerosols, Clouds, and Trace gases Research Infrastructure Network ", FP7-INFRASTRUCTURES-2010, 1/4/2011-31/3/2015, PI, 329 KEuro.
37. PERSEUS, Policy-oriented marine Environmental Research for the Southern European Seas, FP7-Ocean, under negotiation with EU, PI, 250 KEU.

Other programs (≤ 10 KECU) 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.

Collaboration in Research Programs financed by other Organizations:

- (Since 1991): Measurements of the ionic composition of the rainwater and aerosol in the Indian Ocean. Continuous monitoring of atmospheric DMS. French research program (4 research groups), in which the University of Crete is the only non-French collaborator.

Administrative activities.

- 2/1996-6/1997, 9/2004-6/2006: Member of the Senat of the University of Crete
- 9/1994-9/1996, 2009-2010: Member of the undergraduate studies committee of the Department of Chemistry of the University of Crete.
- Since 1998: Undergraduate Student Advisory committee of the Department of Chemistry of the University of Crete.
- 2002-2009 member of the research committee (7 members) of the University of Crete.
- 6/2003-9/2004 and 9/2010-8/2012: Vice-president of the department of Chemistry.
- 9/2004-9/2006: President of the department of Chemistry.

Foreign Languages:

Fluent in English and French. Knowledge of German.

Others: Responsible scientist of Finokalia station, a unique remote sampling station on Crete which is considered as a reference for the E. Mediterranean atmosphere and disposes the longest reliable data record of environmental parameters. Finokalia is part of several networks and it is an official EMEP site of Greece. (For more details <http://finokalia.chemistry.uoc.gr>)

Publications:

150 publications in peer review journals, 30 in books and proceedings and more than 300 presentations in conferences. Total citation 4480, and h factor of 34

(Top 34 publications).

Journal	Year	No of hits	Source
SCIENCE	2002	319	Scopus
GLOBAL BIOGEOCHEM CY	1999	288	Scopus
NATURE	1998	263	Scopus
ATMOS ENVIRON	2004	295	Scopus
TELLUS B	1997	148	Scopus
MAR CHEM	1988	109	ISI
GEOPHYS RES LETT	1999	103	Scopus
ATMOS ENVIRON	2003	103	Scopus
LIMNOL OCEANOGR	1990	89	ISI
ENVIRON SCI TECHNOL	1999	88	Scopus
J ATMOS CHEM	1990	88	ISI
ATMOS CHEM PHYS	2003	88	Scopus
J GEOPHYS RES-ATMOS	2000	83	Scopus
J GEOPHYS RES-ATMOS	2000	81	Scopus
CHEM REV	2006	76	Scopus
J ATMOS CHEM	1994	72	ISI
LIMNOL OCEANOGR	2003	65	Scopus
ATMOS CHEM PHYS	2003	58	Scopus
ATMOS ENVIRON	2006	56	Scopus
J ATMOS CHEM	1992	55	ISI
ATMOS ENVIRON	2002	51	Scopus
ATMOS ENVIRON	2004	51	Scopus
ATMOS CHEM PHYS	2003	48	Scopus
J ATMOS CHEM	1992	48	ISI
ATMOS CHEM PHYS	2005	44	Scopus
ATMOS CHEM PHYS	2004	41	Scopus
J GEOPHYS RES-ATMOS	1993	40	ISI
J GEOPHYS RES-ATMOS	2005	40	Scopus
ATMOS CHEM PHYS	2003	36	Scopus
GLOBAL BIOGEOCHEM CY	2001	36	Scopus
ATMOS CHEM PHYS	2003	35	Scopus
ATMOS CHEM PHYS	2009	35	Scopus
ATMOS. ENVIRON	2008	34	Scopus
J GEOPHYS RES-ATMOS	2000	34	Scopus

Source: Scopus for articles published after 1994, ISI for articles published before 1994.

Ranking of publications based on IF.

Journal	Impact Factor	Ranking- ISI 2005 Position/No of journals	No of articles
Atmospheric Environment	2.89	12/140 (2005) Environment	42

Tellus B, 2001	2.59	7/47 (2005) Meteo& Atmospheric Sciences	2
Environmental Science and Technology, 2001	4.05	5/140 (2005) Environment	2
Geophysical Research Letters, 2002	2.49	9/129 (2005) Geosciences	3
Atmospheric Chemistry and Physics,	4.93	1/47 (2005) Meteorology & Atmospheric Sciences	33
Journal of Geophysical Research	2.78	7/129 (2005) Geosciences	18
Science	30.93		1
Nature	29.27		1
Chemical Reviews	20.87	1/125 Chemistry	1
Limnology Oceanography	3.25	2/46 (2005) Oceanography	2
Global Biogeochemical Cycles	3.37	6/140 (2005) Meteorology & Atmospheric Sciences	5
Marine Chemistry	2.9	8/46 (2005) Oceanography	5
<u>Geochimica Cosmochimica Acta</u>	3.90	3/55 (2005) Geochemistry and geophysic	1
Journal of Atmospheric Chemistry	1.41	58/140 (2005) Environment	12
Annales Geophysicae	1.45	36/129 (2005) Geosciences	2
J Air Waste Management Assoc	1.31	52/140 (2005) Environment	1
Science of Total Environment	2.58		1
Water, Air and Soil Pollution	1.39		2
Environmental monitoring and asses.	1.03		1
Chemosphere	2.30	21/140 (2005) Environment	1
Biogeochemistry	1.86	35/140 (2005) Environment	1
Biogeosciences	3.24		1

* **Median IF = 3.72**

* **Median IF for Environmental Sciences 1.14**

PUBLICATIONS

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 Methanesulphinic acid (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.
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