

Curriculum vitae
Dr. S. Myriokefalitakis
Associate Researcher

• **PERSONAL INFORMATION**

Family name, First name: **Myriokefalitakis, Stylianos (Stelios)**

Gender: Male

E-mail: steliosm@noa.gr

Work Address: I. Metaxa & Vas. Pavlou, GR-15236 Palea Penteli, Greece

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Unique ORCID identifier: <http://orcid.org/0000-0002-1541-7680>

• **RESEARCH STATEMENT:**

Impacts of air quality (gas-phase chemistry and multiphase processes) on climate via the oceanic biogeochemical cycles.

Development of modeling tools focusing on the impact of multiphase processes on the atmospheric nutrient deposition over the oceans, aiming to further understand the implications of multiphase processes on carbon cycle and climate.

Current research centered on the couplings of i) air-quality, ii) nutrient containing aerosol deposition, iii) carbon cycle and v) climate.

22 peer-reviewed publications, Scopus 962 citations; *h*-index 12(including self-citations) – 30/03/19; ResearcherID: J-3701-2014; ~10 in reviewed books and conference proceedings; 1 keynote talks at international conferences/workshops and >50 international conference presentations

• **EDUCATION:**

2009 **PhD in Atmospheric Chemistry**, Thesis: *Study of the Impact of Heterogeneous Reactions on Tropospheric Ozone, Aerosols and the Radiation Balance of the Atmosphere Using 3-d Global Simulations, Surface and Satellite Data*, Department of Chemistry, University of Crete, Greece

2006 **Master in Chemistry**, Thesis: *Development of a chemical code and its application to the study of the global distribution of glyoxal and formaldehyde by using a 3-d global model*, Department of Chemistry, University of Crete, Greece

2004 **University Degree on Chemistry**, Department of Chemistry, University of Crete, Greece, Diploma Thesis: *Application of a 0-d model to simulate the photochemical production of ozone in the marine boundary layer of the East Mediterranean*

• **FELLOWSHIPS, GRANTS AND AWARDS:**

2018 Research grant from the National Observatory of Athens

2016 Marie Skłodowska-Curie Individual Fellowship (Marie-Curie H2020-MSCA-IF-2015) “ODEON: Online Deposition over ocean”

2014 Fulbright grant (Fulbright-Hays Act, Public Law 256, Congress), to conduct research at Columbia University, New York, NY, Earth Institute, Centre for Climate Systems Research and NASA, US

2005 PhD Scholarship from the Greek General Secretariat for Research and Technology through the program of research PEDED 2003 (03ED373), Department of Chemistry, University of Crete, Greece

• **EXPERIENCE IN RESEARCH PROJECTS:**

2018 - *now* **PI** “Atmospheric impacts on the ocean system”, Environmental Research and Sustainable Development (IERSD), National Observatory of Athens (NOA), Greece

2016 – 2018 **Research Fellow** “Marie-Curie H2020-MSCA-IF-2015 ODEON”, Marine and Atmospheric Research (IMAU), Department of Physics and Astronomy, Utrecht University, The Netherlands

2014 – 2016 **Post-Doc Researcher** “BACCHUS: Impact of Biogenic versus Anthropogenic emissions on Clouds and Climate: towards a Holistic UnderStanding”, Department of Chemistry, University of Crete, Greece

2013 – 2015 **Post-Doc Researcher** “PANOPLY: Pollution Alters Natural aerosol composition: Implications for Ocean Productivity, cLimate and air qualityY”, Department of Chemistry, University of Crete, Greece

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- 2014 **Post-Doc Fellow** “Global Climate Implications of Multiphase Particle Formation; Uncertainties and Importance of New Organic Aerosol Pathways”, NASA Goddard Institute for Space Studies, Earth Sciences Division, Columbia University, USA
- 2012 –2013 **Post-doc Research** “ECLIPSE: Evaluating the Climate and Air Quality Impacts of Short-lived Pollutants”, Foundation of Research and Technology-Hellas (FORTH), Institute of Chemical Engineering and High Temperature Chemical Processes (ICE-HT), Department of Chemical Engineering, University of Patras, Greece
- 2011 **Post-Doc Researcher** “PEGASOS: Pan-European Gas-Aerosols-Climate Interaction Study”, Foundation of Research and Technology-Hellas (FORTH), Institute of Chemical Engineering and High Temperature Chemical Processes (ICE-HT), Department of Chemical Engineering, University of Patras, Greece
- 2010 **Post-Doc Researcher** “ARGO: Global Ocean Observing Infrastructure (EURO ARGO/704)”, Department of Chemistry, University of Crete, Greece
- 2008 – 2009 **Researcher** “EUCAARI: European Integrated Project on Aerosol Cloud Climate and Air Quality Interactions, Contract No 036833-2”, Department of Chemistry, University of Crete, Greece
- 2006 - 2007 **Researcher** “OOMPH: Organics over the Ocean Modifying Particles in both Hemispheres”, Department of Chemistry, University of Crete, Greece
- 2005 **Researcher** “Study of the relative contribution of natural variability and the human factor in the levels and the climatic role of aerosols and ozone in Eastern Mediterranean and worldwide, using global 3-dimensional simulations”, Department of Chemistry, University of Crete, Greece
- 2004 – 2005 **Researcher** “CREATE: Construction, use and Delivery of an European Aerosol Database, Department of Chemistry, University of Crete, Greece
- 2005 –2008 **Researcher** “The impact of heterogeneous reactions on the energy balance and the chemical composition of Mediterranean atmosphere using global 3-dimensional simulations, ground and satellite observations”, Department of Chemistry, University of Crete, Greece

• **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

- 01/12/2018 - now: Supervisor for 1 MSc student, National Observatory of Athens (NOA), Greece (in cooperation with University of Crete)
- 01/12/2008 – 10/09/2010 Assistance in supervision of Master Student (1), Department of Chemistry, University of Crete, Greece
- 10/09/2010 – 31/08/2016 Assistance in supervision of PhD (1) and MSc (1) Student and Postdoctoral fellow (1), Department of Chemistry, University of Crete, Greece

• **TEACHING ACTIVITIES**

- 2010 – 2013 Teacher of Environmental Literacy – Second Chance School, Institute of Adult Continuing Education, Greece
- 2010 – 2011 Teacher of Meteorology Laboratory Exercises – Department of Organic, Greenhouse Crops and Floriculture, School of Agricultural Technology, Technological and Education Institute of Crete, Greece
- 2010 – 2011 Teacher of Management of Natural Resources and Environment, - Marketing (Commerce and Advertising), Department, School of Management and Economics, Technological and Education Institute of Crete, Greece
- 2011 Extra Academic and Technical Personnel, School of Agricultural Technology, Technological and Education Institute of Crete, Greece
- 2006 Teaching assistant in Analytical Chemistry II Laboratory, Department of Chemistry, University of Crete, Greece
- 2005 – 2009 Teaching assistant in Computational Environmental Chemistry course, Department of Chemistry, University of Crete, Greece

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• **MAJOR COLLABORATIONS:**

Prof. Maria Kanakidou, University of Crete, Greece (2005-Present)
Prof. Maarten Krol, Utrecht University, the Netherlands (2016-Present)
Dr. Matthias Gröger, Swedish Meteorological Institute (2017-Present)
Dr. Kostas Tsigaridis, NASA-GISS, Columbia University, USA (2009-2014)
Prof. Athanassios Nenes, Georgia Tech, USA (2010-2016)

• **ORGANIZATION OF SCIENTIFIC MEETINGS:**

2006 Head Organizer of the 12th Chemistry Postgraduate Students Conference, Santorini, Greece
2005 Co-organizer of the 11th Chemistry Postgraduate Students Conference, Chania, Greece

• **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

2004 – PRESENT Member of Association of Greek Chemists (www.eex.gr)

• **PUBLICATIONS (Selection):**

- 1) Kanakidou, M. and **Myriokefalitakis, S.**: *Atmospheric inputs of nutrients to the Mediterranean Sea*, Deep-Sea Research Part II, DSR2_2019_11, 2019, in press
- 2) Fanourgakis, G. S., Kanakidou, M., Nenes, A., Bauer, S. E., Bergman, T., Carslaw, K. S., Grini, A., Hamilton, D. S., Johnson, J. S., Karydis, V. A., Kirkevåg, A., Kodros, J. K., Lohmann, U., Luo, G., Makkonen, R., Matsui, H., Neubauer, D., Pierce, J. R., Schmale, J., Stier, P., Tsigaridis, K., van Noije, T., Wang, H., Watson-Parris, D., Westervelt, D. M., Yang, Y., Yoshioka, M., Daskalakis, N., Decesari, S., Gysel Beer, M., Kalivitis, N., Liu, X., Mahowald, N. M., **Myriokefalitakis, S. et al.**: Evaluation of global simulations of aerosol particle number and cloud condensation nuclei, and implications for cloud droplet formation, *Atmos. Chem. Phys. Discuss.*, 1–40, doi:10.5194/acp-2018-1340, 2019.
- 3) Kalivitis, N., Kerminen, V.-M., Kouvarakis, G., Stavroulas, I., Tzitzikalaki, E., Kalkavouras, P., Daskalakis, N., **Myriokefalitakis, S.**, Bougiatioti, A., Manninen, H. E., Roldin, P., Petäjä, T., Boy, M., Kulmala, M., Kanakidou, M. and Mihalopoulos, N.: *Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: Results from long-term measurements and process simulations*, *Atmos. Chem. Phys.*, 1–38, doi:10.5194/acp-19-2671-2019, 2019.
- 4) **Myriokefalitakis, S. et al.**: Reviews and syntheses: the GESAMP atmospheric iron deposition model intercomparison study, *Biogeosciences*, 15(21), 6659–6684, doi:10.5194/bg-15-6659-2018, 2018.
- 5) Kanakidou, M., **Myriokefalitakis, S.** and Tsigaridis, K.: Aerosols in atmospheric chemistry and biogeochemical cycles of nutrients, *Environ. Res. Lett.*, 13(6), 1–22, doi:10.1088/1748-9326/aabdb, 2018.
- 6) Baker, A. R., Kanakidou, M., Altieri, K. E., Daskalakis, N., Okin, G. S., **Myriokefalitakis, S. et al.**: *Observation- and Model-Based Estimates of Particulate Dry Nitrogen Deposition to the Oceans*, *Atmos. Chem. Phys.*, 17, 8189–8210, doi: 10.5194/acp-17-8189-2017, 2017.
- 7) **Myriokefalitakis, S. et al.**: *The Contribution of Bioaerosols to the Organic Carbon Budget of the Atmosphere*, *Perspectives on Atmospheric Sciences*. Springer Atmospheric Sciences. Springer, Cham., 845–851, doi:10.1007/978-3-319-35095-0_121, ISBN 978-3-319-35094-3, 2017.
- 8) Kanakidou, M., **Myriokefalitakis, S. et al.**: *Past, Present, and Future Atmospheric Nitrogen Deposition*, *J. Atmos. Sci.*, 73(5), 2039–2047, doi:10.1175/JAS-D-15-0278.1, 2016.
- 9) **Myriokefalitakis, S. et al.**: *Bioavailable atmospheric phosphorous supply to the global ocean: a 3-D global modeling study*, *Biogeosciences*, 13(24), 6519–6543, doi:10.5194/bg-13-6519-2016, 2016.
- 10) Stockdale, A., Krom, M. D., Mortimer, R. J. G., Benning, L. G., Carslaw, K. S., Herbert, R. J., Shi, Z., **Myriokefalitakis, S. et al.**: *Understanding the nature of atmospheric acid processing of mineral dusts in supplying bioavailable phosphorus to the oceans*, *Proc. Natl. Acad. Sci.*, 201608136, doi:10.1073/pnas.1608136113, 2016.

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- 11) **Myriokefalitakis, S.**, et al.: *Ozone and carbon monoxide budgets over the Eastern Mediterranean*, *Sci. Total Environ.*, 563–564, 40–52, doi:10.1016/j.scitotenv.2016.04.061, 2016.
 - 12) Daskalakis, N., Tsigaridis, K., **Myriokefalitakis, S.**, Fanourgakis, G. S. and Kanakidou, M.: *Large gain in air quality compared to an alternative anthropogenic emissions scenario*, *Atmos. Chem. Phys.*, 16(15), 9771–9784, doi:10.5194/acp-16-9771-2016, 2016.
 - 13) **Myriokefalitakis, S.** et al.: *Changes in dissolved iron deposition to the oceans driven by human activity: a 3-D global modelling study*, *Biogeosciences*, 12, 3973–3992, doi:10.5194/bg-12-3973-2015, 2015.
 - 14) Daskalakis, N., **Myriokefalitakis, S.**, and Kanakidou, M.: *Sensitivity of tropospheric loading and lifetimes of short lived pollutants to fire emissions*, *Atmos. Chem. Phys.*, 15, 3543-3563, doi: 10.5194/acp-15-3543-2015, 2015.
 - 15) **Myriokefalitakis, S.** et al.: *In-cloud oxalate formation in the global troposphere: a 3-D modelling study*, *Atmos. Chem. Phys.*, 11, 5761-5782, doi: 10.5194/acp-11-5761-2011, 2011.
 - 16) **Myriokefalitakis, S.** et al.: *Global modelling of the oceanic source of organic aerosols*, *Advanc. Met.*, 2010, 16 pages, doi:10.1155/2010/939171, 2010.
 - 17) Vignati, E., Facchini, M.C., Rinaldi, M., Scannell, C., Ceburnis, D., Sciare, J., Kanakidou, M., **Myriokefalitakis, S.** et al.: *Global scale emission and distribution of sea spray aerosol: Sea-salt and organic enrichment*, *Atmos. Environ.*, 44 (5), 670–677, doi:10.1016/j.atmosenv.2009.11.013, 2010.
 - 18) **Myriokefalitakis, S.** et al.: *The influence of natural and anthropogenic secondary sources on the glyoxal global distribution*, *Atmos. Chem. Phys.*, 8, 4965–4981, doi:10.5194/acp-8-4965-2008, 2008.
 - 19) Wittrock, F., Richter, A., Oetjen, H., Burrows, J.P., Kanakidou, M., **Myriokefalitakis, S.** et al.: *Simultaneous Global Observations of Glyoxal and Formaldehyde from Space*, *Geophys. Res. Letters*, 33, L16804, doi:10.1029/2006GL026310, 2006.
- **BOOK SECTIONS and peer-reviewed conference papers (selection):**
 - 1) Kanakidou, M., **Myriokefalitakis, S.**, Daskalakis, N.: *Human Driven Changes in Atmospheric Aerosol Composition*, In: Mensink C., Kallos G. (eds) *Air Pollution Modeling and its Application XXV*. ITM 2016. Springer Proceedings in Complexity. Springer, Cham, doi.org/10.1007/978-3-319-57645-9_85, Online ISBN 978-3-319-57645-9, 2018.
 - 2) **Myriokefalitakis, S.**, Fanourgakis, G. and Kanakidou, M.: *The Contribution of Bioaerosols to the Organic Carbon Budget of the Atmosphere*, *Perspectives on Atmospheric Sciences*. Springer Atmospheric Sciences. Springer, Cham., 845–851, doi:10.1007/978-3-319-35095-0_121, ISBN 978-3-319-35094-3, 2017.
 - 3) Sfakianaki, M., **Myriokefalitakis, S.**, and Kanakidou, M.: *Evaluating Dust Contribution to CCN Using Satellite Observations*, *Perspectives on Atmospheric Sciences*. Springer Atmospheric Sciences, Springer, Cham., 925-931, doi: 10.1007/978-3-319-35095-0_132, ISBN 978-3-319-35094-3, 2017.
 - 4) Amanatidis D.G., **Myriokefalitakis, S.**, Daskalakis N., Kanakidou M.: *Evaluation of a Coupled Mesoscale Meteorology and Chemistry Model Over the Mediterranean*, *Perspectives on Atmospheric Sciences*, Springer Atmospheric Sciences. Springer, Cham, 1223-1229, doi: 10.1007/978-3-319-35095-0_176, ISBN 978-3-319-35094-3, 2017.
 - 5) Kanakidou, M., Mihalopoulos, N., Im, U., **Myriokefalitakis, S.**, Daskalakis, N.: *Drivers of Air Quality in the East Mediterranean*, *Advances in Meteorology, Climatology and Atmospheric Physics, Part III*, Springer Atmospheric Sciences, C.G. Helmig P.T. Nastos (Eds), 1019-1024, doi: 10.1007/978-3-642-29172-2_142, Online ISBN 978-3-642-29172-2, 2013.
 - 6) Kanakidou, M., Tsigaridis, K., **Myriokefalitakis, S.**: *Global modelling of secondary organic aerosol (SOA) formation: Knowledge and Challenges, in Simulation and Assessment of Chemical Processes in a Multiphase Environment*, 2008, XXV, 540 p., ISBN 978-1-4020-8844-5, Series: NATO Science for Peace and Security Series C: Environmental Security, <http://www.springer.com/series/7108>, Springer, 2008.

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- 7) **Myriokefalitakis, S.**, Daskalakis, N., Tsigaridis, K., Kanakidou M.: *On the importance of aqueous-phase chemistry on the oxidative capacity of the troposphere: A 3-dimensional global modelling study*, COMECAP 2014 e-book of proceedings, 2, 282, ISBN: 978-960-524-430-3, 2014
- **CONFERENCE PRESENTATIONS** (*selection*):
 - 1) **Myriokefalitakis, S.**, Gröger, M., Kanakidou, M., Döscher, R., Krol, M.C., van Noije T.P.C, Le Sager P.: *An updated parameterization of nutrient atmospheric deposition to the global ocean in EC-Earth*, EGU General Assembly, 8-13 April, 2018. (**solicited**)
 - 2) Kanakidou, M., **Myriokefalitakis, S.** and Tsigaridis, K.: *Aerosols, multiphase chemistry and biogeochemical cycles*, EGU General Assembly, 8-13 April, 2018
 - 3) **Myriokefalitakis, S.**, Gröger, M., Döscher, R., Krol, M.C., van Noije T.P.C, Le Sager P.: *Global Modeling Study of the Bioavailable Atmospheric Iron Supply to the Global Ocean*, AGU Fall Meeting, N. Orleans, US, 11-15 Dec, 2017.
 - 4) Ito, A., **Myriokefalitakis, S.**, Kanakidou, M., Mahowald, N., Baker, A.R., Jickells, T., Sarin, M., Bikkina, S., Gao, Y., Shelley, R., Buck, C., Landing, W., Bowie, A., Perron, M., Meskhidze, N., Johnson, M., Feng Y., and Duce R.: *Evaluation of labile iron processing in atmospheric models*, Goldschmidt Conference, Paris, 13-18 August, 2017.
 - 5) **Myriokefalitakis, S.**, Krol, M.C., van Noije, T.P.C, Le Sager, P.: *A 3D parameterization of iron atmospheric deposition to the global ocean with the European ESM, the EC-Earth*, EGU2017-10443, EGU General Assembly, 23–28 April Austria Vienna, 2017. (poster)
 - 6) Baker, A.R, Sarin, M., Duce, R., Jickells, T., Kanakidou, M., **Myriokefalitakis, S.**, Ito, A., Turner, D., Mahowald, N., Middag, R., Guieu, C., Gao, Y., Croot, P., Shelley, R., and Perron, M.: *Changing Atmospheric Acidity and the Oceanic Solubility of Nutrient*, EGU2017-8619, EGU General Assembly, 23–28 April Austria Vienna, 2017. (oral)
 - 7) Kanakidou, M., **Myriokefalitakis, S.**, Daskalakis, N., Mihalopoulos, N., Nenes, A.: *Impact of biomass burning on nutrient deposition to the global ocean*, EGU2017-12915, EGU General Assembly, 23–28 April Austria Vienna, 2017. (oral)
 - 8) Bougiatioti, A., Nenes, A., Paraskevopoulou, D., Fountziou, L., Stavroulas I., Liakakou E., **Myriokefalitakis, S.**, Daskalakis, N., Weber R., Kanakidou, M., Gerasopoulos, E., Mihalopoulos, N.: *Biomass burning and its effects on fine aerosol acidity, water content and nitrogen partitioning*, EGU2017-15270, EGU General Assembly, 23–28 April Austria Vienna, 2017. (poster)
 - 9) **Myriokefalitakis, S.**, Baker, A. R., Nenes, A., Mihalopoulos, N., and Kanakidou, M.: *A 3D parameterization of nutrients atmospheric deposition to the global ocean*, AGU fall meeting, 12-16 December, San Francisco, USA, 2016 (poster)
 - 10) **Myriokefalitakis, S.**, Fanourgakis, G.S, and Kanakidou, M.: *The contribution of bioaerosols to the organic carbon mass of the atmosphere*, EGU General Assembly 2016, Vienna, Austria (oral)
 - 11) **Myriokefalitakis S.**, Nenes, A. and Kanakidou M., *Human-driven changes in dissolved phosphorus deposition to the ocean*, presented at the Goldsmith 2016.
 - 12) Kanakidou M, **Myriokefalitakis S.**, Daskalakis N., *Human driven changes in atmospheric aerosol composition.*, 35th ITM, Platania, 2016.
 - 13) Kanakidou M., **Myriokefalitakis S.**, Daskalakis N, Fanourgakis G., *Impact of Aerosols on Biogeochemical Cycles, in the Mediterranean*, Atmospheric Processes in the Mediterranean (APM 2016), A joint ACTRIS- BACCHUS CHArMEx International Workshop, Larnaca, 17-21 Oct. 2016
 - 14) **Myriokefalitakis, S.**, Daskalakis, N., Mihalopoulos, N., Baker A., Nenes, A., and Kanakidou, M.: *Simulated changes in dissolved Iron deposition to the global ocean driven by human activity*, Geophysical Research Abstracts, Vol. 17, EGU2015-6115, EGU General Assembly 2015. (poster)
 - 15) Kanakidou M., **Myriokefalitakis, S.**, Nikolaou, P., Daskalakis, N., Theodosi, C., Nenes, A., Tsigaridis, K., Mihalopoulos, N.: *Human impact on the role of dust as carrier of nutrients to*

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the ocean, JM3 Geochemical Process and Cycles, IUGG Prague, 27-30 June 2015 (oral - invited)

- 16) **Myriokefalitakis, S.**, Daskalakis, N., and Kanakidou, M.: *Impact of crustal elements on global atmospheric deposition of Nitrogen*, Geophysical Research Abstracts, 16, EGU2014-16702, 2014 EGU General Assembly, 2014 (poster).
 - 17) **Myriokefalitakis, S.**, and Kanakidou, M.: *A global 3-D modelling study of Iron deposition with focus on the Mediterranean*, ACCENT, Urbino, September, 2013 (poster).
 - 18) **Myriokefalitakis S.** and Kanakidou M.: *Reconciling TM4-ECPL model calculations with TORERO Observations*, First TORERO science meeting, Boulder, July 2012 (oral invited)
 - 19) Kanakidou, M., Daskalakis, N., **Myriokefalitakis S.**, Tsigaridis K.: *Global simulations of organic and inorganic nitrogen atmospheric deposition: Past and Future changes*, IGAC Atmospheric Chemistry in the Anthropocene, Beijing, 17-21 Sept. 2012 (oral)
 - 20) **Myriokefalitakis S.**, Daskalakis, N., Aan de Brugh J. M. J., Krol, M. C. and Kanakidou, M.: *Contribution of long-range transport to Eastern Mediterranean air pollution levels: A 3-D modeling study*, IGAC Atmospheric Chemistry in the Anthropocene, Beijing, 17-21 Sept. 2012 (poster)
 - 21) Daskalakis N., Tsigaridis K., **Myriokefalitakis S.**, Kanakidou M.: *Observed and simulated ozone and organic aerosol changes in the global troposphere during the last decade*, presented at the ACCENT plus Conference, Urbino, 13-16 Sept 2011.
 - 22) Poupkou A., Markakis K., Liora N., Giannaros T., Im U., Daskalakis N., **Myriokefalitakis S.**, Melas D., Kanakidou M.: *First results on the impact of Greek forest fires in summer 2007 on the air quality of the Eastern Mediterranean*, ACCENT Plus, Air Quality and Climate Change: Interactions and feedbacks, 3rd Urbino Symposium, 13-16 September, Urbino, Italy, 2011.
 - 23) **Myriokefalitakis, S.**, Tsigaridis, K. (speaker), Mihalopoulos, N., Sciare, J., Nenes, A., Segers, A. and Kanakidou, M.: *In-Cloud Oxalate Formation in the Global Troposphere: A 3D Modelling Study*, AGU fall meeting, 13-17 December, San Francisco, USA, 2010 (oral).
 - 24) Kanakidou, M., **Myriokefalitakis, S.**, Tsigaridis, K., Daskalakis, N.: *Global Sources of Organic Aerosols in the Atmosphere: Reconciling model results with observations*, paper to be presented at the MOCA 2009 International Conference, Montreal July 2009 (poster)
 - 25) Tsigaridis, K., **Myriokefalitakis, S.**, Kanakidou M.: *How much detail is needed in the two-product model for the accurate representation of secondary organic aerosol formation? Simplicity versus accuracy in global secondary organic aerosol modeling*, paper to be presented at the MOCA 2009 International Conference, Montreal July 2009 (oral)
 - 26) Vrekoussis, M., Richter, Wittrock, A., F., M. Burrows, J. P., Gerasopoulos, E., Amiridis, V., Petrakis, M., Zerefos, C., **Myriokefalitakis, S.**, Kanakidou, M., Mihalopoulos, N.: *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.
- **INVITED PRESENTATIONS:**
 - **Modelled nutrient / trace element deposition fields**, Presentation at the Group of Experts on the Scientific Aspects of Marine Environmental Protection (GESAMP) Working Group 38 Workshop University of East Anglia, Norwich, United Kingdom, February 27-March 2, 2017.
 - **The importance of multiphase chemistry in the global atmosphere**, *Department of Environmental Sciences*, Rutgers University, US, 7 November, 2014.
 - **The potential important role of polar organic compounds on the global climate**, *NASA Goddard Institute for Space Studies*, NY, US, 21 November, 2014.
 - **Glyoxal (CHOCHO) Over Oceans - "Reconciling TM4-ECPL model calculations with TORERO Observations"**, *TORERO (Tropical Ocean Troposphere Exchange Of Reactive Halogens And OVOC) Data Workshop*, July 23-25 2012, CU Boulder, Colorado