

CURRICULUM VITAE

First name Surname

Dorotheos Evaggelos Aggelis

Communication

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Webpage in Google Scholar:

https://scholar.google.com/citations?hl=el&user=Fkekli8AAAAJ&view_op=list_works&gmla=AJsN

Rank

Assignee Lecturer, University of Thessaly

Field of Expertise

Physics, Atmospheric and Environmental Physics

Scientific Work Fields

Physics, Atmospheric and Environmental Physics, Air pollution, Climate Change, Astrophysics, Physics' Education

Studies

1991 Degree of Physics Faculty of Physics, School of Science, Aristotle University of Thessaloniki, aimed at Environmental and Teaching of Physics

1999 Master of Science Diploma on Environmental Physics (2 years' courses), Faculty of Physics, School of Science, Aristotle University of Thessaloniki

2011 Doctoral (Ph.D.) Thesis, Contribution to the study of Tropospheric Ozone changes in Europe. Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens, Greece

2019 Postdoctoral Certificate, Planets' atmospheres: Study and comparison to the Earth's atmosphere with teaching actions related to the Environmental Education. Faculty of Computer Science and Telecommunications, University of Thessaly.

Teaching experience

A. Higher Education

Undergraduate level

University of Thessaly
2013 – 2021

Academic Fellow in the **Physics Faculty** teaching **General Chemistry.**

Assignee Lecturer in the **Computer Science Faculty** of the **University of Thessaly, Physics I & II** and **Environment and Informatics.**

Technological and Educational Institution of Lamia – Central Greece
2001 – 2013

Scientific and Laboratory Collaborator in the School of Applied Technology, Faculties of Electrical, Electronic and Computer Engineering.

Postgraduate level

University of Thessaly
2015 - 2020

Graduate Studies Program: **Informatics and Computational Biomedicine.** Departments of Computer Science and Computer Science - Biomedical Informatics. Assignee Lecturer teaching **Multimedia Bases** and **Geographical Information Systems.**

B. High School Education

1991-2001, 2008 Teacher of Physics in the private and Public High School Education

Supervising of integrated graduate theses

Supervisor of **35 graduate theses** in the Technological and Educational Institution of Lamia - Central Greece. Scientific advisor of **more than 20 Master Theses** of the Graduate Studies Program "Informatics and Computational Biomedicine".

Research experience

Research Project

1. Not related to PhD Thesis participation in the project "**Development and Applications of EUMETSAT certain activities» concerning ozone monitoring**", Research Committee, Aristotle University of Thessaloniki (**November 2004 – December 2006**).
2. **ENFORCE** "**Development of telecommunication systems on materials**", (15/11/2017-31/12/2017).

Publications after reviewers' evaluation

Ph. D. Thesis

1. Aggelis D. E. (2011) "**Contribution to the study of Tropospheric Ozone Change over Europe (Simulation of surface ozone spatial distribution through Kriging interpolation to individual observations)**" Faculty of Geology and Geoenvironment, National and Kapodistrian University of Athens, Greece

International Magazines/Journals

2. Aggelis D, Zanis P, Zerefos CS, Bais AF, Nastos PT. **Mapping of Surface Ozone Seasonality and Trends Across Europe During 1997–2006 Through Kriging Interpolation to Observational Data. Water Air and Soil Pollution (2013) 224:1501.** doi: 10.1007/s11270-013-1501-9.
3. Aggelis DE, Avgoloupis S, Vavougiou D, Zygouris NC. **University Students' perceptions of the environmental issue and its solution. Asian Journal of Education and e – Learning, ISSN: 2321 – 2454) Volume 04 – Issue 04, August 2016.**

Publications in International Conference Proceedings

4. D. Aggelis, P. Zanis, C.S. Zerefos, A.F. Bais, and P.T. Nastos. **Surface Ozone Spatial Distribution and Trends Over Europe During 1997–2006.** C.G. Helmig and P. Nastos (eds.), Advances in Meteorology, Climatology and Atmospheric Physics, **Springer Atmospheric Sciences**, DOI 10.1007/978-3-642-29172-2_118, pp. 843-848, © Springer - Verlag Berlin Heidelberg **2012**. Oral issue, **11th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Athens, 29 May - 1 June 2012).
5. Aggelis D.E., Zanis P., Zerefos C.S. **Mapping variability and trends of near surface NO_x concentrations over Europe during 2004-2011.** Oral issue, **12th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Heraklion, 28 – 31 May 2014). ISBN: 978-960-524-430-9, e - b o o k o f p r o c e e d i n g s, pp.19 -22).
6. D. E. Aggelis. **Etesiae Winds: From Aristotle to the 21st Century.** Υπό έκδοση. Theodore Karacostas et al. (Eds): Perspectives on Atmospheric Sciences, ISBN:978-3-319-35094-3, Chapter 178. **Springer Atmospheric Science, 13th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Thessaloniki, 2016). DOI: 10.1007/978-3-319-35095-0_178.

7. S. Avgoloupis, D. E. Aggelis. **University Students' Perception of Self-Regulating Earth's Surface Temperature**. Theodore Karacostas et al. (Eds): Perspectives on Atmospheric Sciences, ISBN: 978-3-319-35094-3, *Chapter 179*. Springer Atmospheric Science, 13th International Conference of Meteorology, Climatology and Physics of the Atmosphere (Thessaloniki, 2016). DOI: 10.1007/978-3-319-35095-0_179.

8. V. Mantzavinos, D. E. Aggelis. **Near-surface ozone seasonality and trends in Europe (1990-2015)**. 14th International Conference of Meteorology, Climatology and Physics of the Atmosphere (Αλεξανδρούπολη, 15-17 Οκτωβρίου 2018).

Publications in National Conference Proceedings

2nd Pan-Hellenic Conference of Mechanical and Electrical Engineering (Athens, 16 – 18 May 2007):

9. Aggelis D, Furlas G, Spiliopoulou M, Hatzilygeroudis I, Koutsoyiannis K, Drakatos P. **Fuzzy logic applications on Spectrum analysis of the Atmospheric Electromagnetic Radiation**.

10. Aggelis D, Hatzilygeroudis I, Koutsoyiannis K, Furlas G, Drakatos P. **Fuzzy logic contribution to the study of the technical Electromagnetic Radiation**.

11. Haleplis N, Spiliopoulou M, Aggelis D, Drakatos P. **Discrete frequency repetitions contribution to the reliability of Man-Environment Environment**.

Chapters in Greek - language editions

12. Aggelis DE, **Surface ozone diurnal variability across Europe (in Greek)**. Participation in the honorary volume dedicated to the Prof. of Meteorology Apostolos Flokas, National and Kapodistrian University of Athens, Athens 2014 (ISBN 978-960-466-129-9, Ziti Publications 2014).

Publication survey

1. **Church and Environment: Soil, Water, Air. An Orthodox View**. Special Synodic Committee on Ecology, Divine and Civil Economy of the Church of Greece (2002).

2. **The Church and the Physical Environment**. Proceedings in Greek (2003, Lamia, The Holy Metropolis of Fthiotida).

Conferences, Symposia and Meetings

Participation with Oral Issue

A. International (with anonymous reviewers)

1. **11th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Athens, 29 May - 1 June 2012).

2. **12th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Heraklion, 28 – 31 May 2014).

3. **13th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Thessaloniki, 18 – 21 September 2016).

4. **14th International Conference of Meteorology, Climatology and Physics of the Atmosphere** (Alexandroupoli, 15 – 17 October 2018).

B. Pan-Hellenic (with anonymous reviewers)

1. **2nd Pan-Hellenic Conference of Mechanical and Electrical Engineering** (Athens, 16 – 18 May 2007):

Conferences without reviewers

1. **Aggelis DE. *Protection of Temples, Monasteries, Buildings and congregation Public before, during and after an earthquake.*** Oral presentation in the 36th Conference of the Holy Metropolis of Fthiotida (Lamia, October 2013).
2. **Aggelis DE. *“Places and Environment”.*** Oral issue, 2 Days Conference “NATURA Sperheios River – Maliakos Gulf, Green Amphichiony” (Lamia, 16-17 April 2004, Commercial and Trade Chamber). Proceeding edited by Department of Physical Environment Management.

Participation without oral issue

During the MSc studies I attended the two following seminars:

1. **“Current Environmental Issues”** (24 & 25 January, Thessaloniki 1997) British Council and Aristotle University of Thessaloniki.
2. **“Devices and Methods of Remote Sensing”, “Pollution Dispersion by Wind Field”, “Tropospheric/Stratospheric Ozone”** (Aristotle University of Thessaloniki & World Meteorological Organization WMO, Thessaloniki 1998).

Citations

Paper:

Aggelis D, Zanis P, Zerefos CS, Bais AF, Nastos PT. *Mapping of Surface Ozone Seasonality and Trends Across Europe During 1997–2006 Through Kriging Interpolation to Observational Data.* Water Air and Soil Pollution (2013) 224:1501. doi: 10.1007/s11270-013-1501-9.

References:

1. Cooper O. R. et al. ***Global distribution and trends of tropospheric ozone: An observation-based review*** DOI 10.12952/journal.elementa.000029.
2. Akritidis D., Zanis P., Pytharoulis I., and Karacostas Th. **Near-surface ozone trends over Europe in RegCM3/CAMx simulations for the time period 1996–2006** Atmospheric Environment, Volume 97, 11/2014; p. 6-18. DOI: 10.1016/j.atmosenv.2014.08.002
3. Aggelis DE, **Surface ozone diurnal variability across Europe (in Greek).** Participation in the honorary volume dedicated to the Prof. of Meteorology Apostolos Flokas, National and Kapodistrian University of Athens, Athens 2014 (ISBN 978-960-466-129-9, Ziti Publications 2014).
4. Aggelis DE, Avgoloupis S, Vavougiotis D, Zygouris NC. **University Students' perceptions of the environmental issue and its solution.** Asian Journal of Education and e - Learning (2016) ISSN: 2321 – 2454) Volume 04 – Issue 04, August 2016.
5. **Liu, Hefan et al.** A Study on the Characteristics of Spatial and Temporal Evolution of Ozone Pollution in Chengdu (2014 - 2016) IOP Conf. Series: Earth and Environmental Science 281 (2019) 012004 IOP Publishing doi:10.1088/1755-1315/281/1/012004.
6. **Αγγέλης Δ.Ε.** Το Δημερήσιο Επιφανειακό Όζον στην Ευρώπη. Συμμετοχή στον τιμητικό τόμο για τον Καθηγητή Μετεωρολογίας Απόστολο Φλόκα, Αθήνα 2014, Εθνικό και Καποδιστριακό Πανεπιστήμιο Αθηνών (ISBN 978-960-466-129-9, Εκδόσεις Ζήτη 2014).

Paper

Aggelis DE, Avgoloupis S, Vavougiotis D, Zygouris NC. University Students' perceptions of the environmental issue and its solution. Asian Journal of Education and e - Learning (2016) ISSN: 2321 – 2454) Volume 04 – Issue 04, August 2016.

References:

1. **Atış, Cihat Günden,** H.Ece Salalı, Kenan Ciftci, 2017. The Preferences of University Students Related to Environmental Impacts of Agriculture and Industry. IJAIR, International Journal of Agriculture Innovations and Research Volume 6, Issue 2, ISSN (Online) 2319-1473.

2. **Çiftçi K., Atış E., Günden C., Salalı H.** (2018) University Students' Environmental Policy Preferences A Case Study in Ege University. YUZUNCUYIL UNIVERSITY JOURNAL OF AGRICULTURAL SCIENCES, cilt.28, ss.31-39, 2018 (Hakemli Üniversite Dergisi)

Paper:

Aggelis, D., Zanis, P., Zerefos, C., Bais, A., & Nastos, P. (2012). **Surface Ozone Spatial Distribution and Trends over Europe During 1997–2006.** Advances in Meteorology, (pp. 1–6). doi:10.1007/978-3-642-29172-2_118

References:

Tsikerdekis Ath. D. **Surface ozone variability in the Eastern Mediterranean** (in Greek), Master Thesis. Faculty of Geology, Aristotle University of Thessaloniki, 2013.

Participation in Conference Organizing and Scientific Committees

1. Chairman of the Organizing Committee of the Meeting **“The Church and the Physical Environment”** (2003, Lamia, **The Holy Orthodox Metropolis of Fthiotida & Environmental Education Centre of Stylida – Hypatis**).
2. Member of the Organizing Committee of the Conference **“Survey of the contemporary developments in Physics”** (Lamia, 7 October 2005, Electronics' Faculty of **Technological and Educational Institution of Lamia**).

Other scientific activities

Member of scientific societies

1. Member of the Hellenic Meteorological Society (since 2012).
2. Fellow collaborator in the **Academy of Athens, Research Centre for Atmospheric Physics and Climatology.**

Extraversion actions – Contacts with the Local Communities

1. **Secretary and scientific Collaborator of the Special Synodic Committee on Ecology, Divine and Civil Economy of the Church of Greece** (2002 – 2003).
2. **Mobile Exhibition of Current Environmental Issues related to the Meeting “The Church and the Physical Environment”** (2003, Lamia) operating for students - visitors, and associated lectures (Lamia, 2003, Parochial Centre of Saint Athanasios Church).
3. **Radio conferences and Lectures in High Schools in Fthiotida County** on Astronomy - Cosmology and Environmental Physics.
4. Since March 1999 I serve as archimandrite (dean) **priest - preacher and confessor in the Holy Orthodox Metropolis of Fthiotida.**
5. **Radio producer** of the weekly scientific radio broadcast **«This world; the tiny, the great!», The Holy Orthodox Metropolis of Fthiotida Radio** (89,4 FM) since March 2015.