

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΤΟΥ

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Γ5. ΔΗΜΟΣΙΕΥΣΕΙΣ-ΠΑΡΟΥΣΙΑΣΕΙΣ ΣΕ ΕΛΛΗΝΙΚΑ ΠΕΡΙΟΔΙΚΑ ΚΑΙ ΣΥΝΕΔΡΙΑ (31)

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Δ. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΡΕΥΝΗΤΙΚΑ ΠΡΟΓΡΑΜΜΑΤΑ

Ως επιστημονικώς υπεύθυνος

1. Πρόγραμμα " PHOENICS - Particles of human origin extinguishing natural solar radiation in climate systems". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) , άρχισε το 2002 και ολοκληρώθηκε το 2004.
2. Πρόγραμμα "Development of algorithms for retrieval of GOME total ozone column (TOGOMI)". Το πρόγραμμα επιχορηγήθηκε από τη Μετεωρολογική υπηρεσία της Ολλανδίας (KNMI), άρχισε και ολοκληρώθηκε το 2003,
3. Πρόγραμμα "On the extended development and implementation of certain activities of a EUMETSAT Satellite application facility on ozone monitoring". Το πρόγραμμα επιχορηγήθηκε από την EUMETSAT , άρχισε το 2003 και ολοκληρώθηκε το 2007.
4. Πρόγραμμα «Νέος αλγόριθμος όζοντος του GOME και επανεκτίμηση” . Το πρόγραμμα επιχορηγήθηκε από την European Space Agency μέσω της German Aerospace Agency (DLR) , άρχισε και ολοκληρώθηκε το 2004.
5. Πρόγραμμα «Χαρτογράφηση ολικού όζοντος για το βόρειο ημισφαίριο σε πραγματικό χρόνο στο πλαίσιο του Global Atmosphere Watch». Το πρόγραμμα επιχορηγήθηκε από τη ΓΓΕΤ, άρχισε το 2005 και ολοκληρώθηκε το 2007
6. Πρόγραμμα «Παρακολούθηση πρωτοκόλλων για το GMES (PROMOTE)». Το πρόγραμμα επιχορηγήθηκε από την European Space Agency μέσω της Μετεωρολογικής Υπηρεσίας της Ολλανδίας (KNMI) , άρχισε το 2005 και ολοκληρώθηκε το 2006.
7. Πρόγραμμα «Αναβάθμιση των δεδομένων του GOME”. Το πρόγραμμα επιχορηγήθηκε από την European Space Agency μέσω της German Aerospace Agency (DLR) , άρχισε και ολοκληρώθηκε το 2006.
8. Πρόγραμμα «Ευρωπαϊκό Ερευνητικό Δίκτυο Lidar για τα αιωρούμενα σωματίδια. (EARLINET ASOS)». Το πρόγραμμα επιχορηγείται από την Ε.Ε., άρχισε το 2006 και θα ολοκληρωθεί το 2011
9. Πρόγραμμα «Παρακολούθηση και πρόγνωση της αέριας ρύπανσης στη Κίνα». Το πρόγραμμα επιχορηγείται από την Ε.Ε., άρχισε το 2007 και ολοκληρώθηκε το 2009
10. Πρόγραμμα «Παρακολούθηση πρωτοκόλλων για το GMES-2 (PROMOTE Phase 2)». Το πρόγραμμα επιχορηγείται από την European Space Agency μέσω της German Aerospace Agency (DLR) , άρχισε το 2007 και ολοκληρώθηκε το 2009.
11. Πρόγραμμα «GDP5.0 Αναβάθμιση των δεδομένων L1 και L2 του GOME». Το πρόγραμμα επιχορηγείται από την European Space Agency μέσω της German Aerospace Agency (DLR) , άρχισε το 2007 και θα ολοκληρωθεί το 2010.
12. Πρόγραμμα «Προηγμένες τεχνικές τηλεπισκόπησης για την παρακολούθηση και προστασία δασικών και άλλων χερσαίων Οικοσυστημάτων». Το πρόγραμμα επιχορηγείται από τη ΓΓΕΤ, άρχισε το 2007 ολοκληρώθηκε το 2008
13. Πρόγραμμα «Αιωρούμενα Σωματίδια και Νέφη». Το πρόγραμμα επιχορηγήθηκε από τον ΕΟΔ, άρχισε το 2008 και ολοκληρώθηκε το 2010.
14. Πρόγραμμα «Δορυφορική υπηρεσία όζοντος και ατμοσφαιρικής χημείας. (EUMETSAT)». Το πρόγραμμα επιχορηγείται από τη EUMETSAT μέσω της Φινλανδικής Μετεωρολογικής Υπηρεσίας (FMI), άρχισε το 2007 και ολοκληρώθηκε το 2012.
15. Πρόγραμμα «Space-based applications at the service of European Society -Preoperational validation of GMES services and products -Stimulating the development of downstream services (PASODOBLE). Το πρόγραμμα επιχορηγείται από την Ε.Ε. στα πλαίσια του FP7, άρχισε το 2010 και ολοκληρώθηκε το 2013.
16. Πρόγραμμα «Building consolidated climate-relevant ozone data sets in the framework of the ESA’s Climate Change Initiative (CCI)». Το πρόγραμμα επιχορηγείται από την European Space Agency άρχισε το 2010 και ολοκληρώθηκε το 2013.

17. Πρόγραμμα «Αξιολόγηση δορυφορικών δεδομένων ολικού όζοντος επιπέδου 3», Το πρόγραμμα επιχορηγείται από την European Space Agency μέσω της German Aerospace Agency (DLR) , άρχισε το 2011 και ολοκληρώθηκε το 2012.
18. Πρόγραμμα «Δορυφορική Υπηρεσία Όζοντος και Ατμοσφαιρικής Χημείας της EUMETSAT - Φάση Β». Το πρόγραμμα επιχορηγήθηκε από τη EUMETSAT, άρχισε το 2012 και θα ολοκληρωθεί το 2017
19. Πρόγραμμα «Ανάπτυξη συστήματος παρακολούθησης της ηφαιστειακής τέφρας». Το πρόγραμμα επιχορηγείται από την European Space Agency άρχισε το 2012 και ολοκληρώθηκε το 2014.
20. Πρόγραμμα «Ανάπτυξη εκπαιδευτικού υλικού για το δορυφόρο GOME», Το πρόγραμμα επιχορηγείται από την European Space Agency άρχισε το 2014 και ολοκληρώθηκε το 2015
21. Πρόγραμμα «Επιχειρησιακή Πρόγνωση της Ποιότητας του Αέρα στην Ελλάδα και στη Γερμανία», Πρόγραμμα προώθησης των ανταλλαγών και της επιστημονικής συνεργασίας Ελλάδας – Γερμανίας, IKYDA 2014, άρχισε το 2014 και ολοκληρώθηκε το 2015
22. Πρόγραμμα «Συνεργασία Κίνας-Ευρωπαϊκής Ένωσης για την αξιολόγηση και παρακολούθηση της αέριας ρύπανσης στη Κίνα με τη χρήση δορυφορικών δεδομένων», Το πρόγραμμα επιχορηγείται από την Ε.Ε. στα πλαίσια του FP7, άρχισε το 2014 και θα ολοκληρωθεί το 2016.
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Ως ερευνητής

24. Πρόγραμμα με τίτλο "Προκαταρκτική μελέτη της αέριας ρύπανσης από διοξείδιο του θείου και αιωρούμενα σωματίδια στην κοιλάδα της Πτολεμαΐδας". Το πρόγραμμα επιχορηγήθηκε από τη Νομαρχία Κοζάνης και ολοκληρώθηκε το 1991
25. Πρόγραμμα με τίτλο "European Arctic Stratospheric Ozone Experiment". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ο.Κ. (STEP), άρχισε το 1991 και ολοκληρώθηκε το 1992. (ερευνητής)
26. Πρόγραμμα STEP-PL 900269, με τίτλο "Determination of standards for a UVB monitoring network". Το πρόγραμμα επιχορηγήθηκε από την ΓΓΕΤ, άρχισε το 1992 και ολοκληρώθηκε το 1993.
27. Πρόγραμμα STRIDE HELLAS 326 με τίτλο "Modelling of UV solar radiation transfer through rural and urban atmospheres and development of a National Network in Greece". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ο.Κ. (STRIDE), άρχισε το 1992 και ολοκληρώθηκε το 1994.
28. Πρόγραμμα "Συνεχής παρακολούθηση και εκτίμηση της επίπτωσης της δραστηριότητας της ΔΕΗ στην αέρια ρύπανση, στις λεκάνες Αμυνταίου-Πτολεμαΐδας-Κοζάνης". Το πρόγραμμα επιχορηγήθηκε από τη ΔΕΗ, άρχισε το 1992 και ολοκληρώθηκε το 1997.
29. Πρόγραμμα με τίτλο "Second European Stratospheric Arctic and Middle Latitudes Experiment". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ο.Κ. (ENVIRONMENT), άρχισε το 1994 και ολοκληρώθηκε το 1995
30. Πρόγραμμα ΠΕΝΕΔ με τίτλο "Σύστημα υπολογισμού της διασποράς αερίων ρύπων από βιομηχανικές καμινάδες, σε συνθήκες πραγματικού χρόνου". Το πρόγραμμα επιχορηγήθηκε από τη Γ.Γ.Ε.Τ., άρχισε το 1992 και ολοκληρώθηκε το 1995.

- 31.Πρόγραμμα "Mediterranean Campaign of Photochemical Tracers-Transport and Chemical Evolution (MEDCAPHOT-TRACE)". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (ENVIRONMENT), άρχισε το 1994 και ολοκληρώθηκε το 1996.
- 32.Πρόγραμμα B4-3040/94/000142/MAR/B3 με τίτλο "Study of a model for the quality of air concerning non-reactive pollutants in selected European cities". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXI), άρχισε το 1994 και ολοκληρώθηκε το 1995.
- 33.Πρόγραμμα "Μελέτες διάχυσης και διασποράς των αερίων ρύπων από τις υπάρχουσες και προγραμματιζόμενες μονάδες ΑΣΠ Θήρας, Μήλου, Καρπάθου, Καλύμνου. Το πρόγραμμα επιχορηγήθηκε από τη ΔΕΗ, άρχισε το 1994 και ολοκληρώθηκε το 1995.
- 34.Πρόγραμμα "Photochemical Activity and Ultraviolet Radiation". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII), άρχισε το 1996 και ολοκληρώθηκε το 1998.
- 35.Πρόγραμμα ENV4-CT95-0036 "Mediterranean Dust Experiment (MEDUSE)". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII), άρχισε το 1996 και ολοκληρώθηκε το 1998.
- 36.Πρόγραμμα ΠΕΝΕΔ "Αναβάθμιση κινητού σταθμού τηλεπισκόπησης LIDAR για τη μέτρηση και απεικόνιση της ατμοσφαιρικής ρύπανσης αστικών και βιομηχανικών περιοχών. Εφαρμογή στο ατμοσφαιρικό όζον". Το πρόγραμμα επιχορηγήθηκε από την ΓΓΕΤ, άρχισε το 1996 και ολοκληρώθηκε το 1998.
- 37.Πρόγραμμα ΠΕΝΕΔ "Μέτρηση της κατακόρυφης κατανομής του όζοντος με την Μέθοδο Umkehr.". Το πρόγραμμα επιχορηγήθηκε από την ΓΓΕΤ, άρχισε τον Απρίλιο του 1996 και ολοκληρώθηκε το 1998.
- 38.Πρόγραμμα ΠΕΝΕΔ "Μετρήσεις επιλεγμένων αερίων ρύπων σε οδική χαράδρα και σύγκριση με μαθηματικό πρότυπο". Το πρόγραμμα επιχορηγήθηκε από την ΓΓΕΤ, άρχισε τον Απρίλιο του 1996 και ολοκληρώθηκε το 1998.
- 39.Πρόγραμμα "A diagnostic simulation of UAM in a large urban canopy". Το πρόγραμμα επιχορηγήθηκε από την ISPRA-JRC-EU, άρχισε και ολοκληρώθηκε το 1996.
- 40.Πρόγραμμα STAAARTE 1996 "DIAL ozone measurements onboard ARAT aircraft". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII).
- 41.Πρόγραμμα "Air Quality Monitoring program at Mesogia Plain around the Airport of Spata". Το πρόγραμμα επιχορηγήθηκε από τη εταιρεία Hochtief, άρχισε το 1997 και ολοκληρώθηκε το 1998.
- 42.Πρόγραμμα "Πρόβλεψη της ατμοσφαιρικής ρύπανσης της Αθήνας για το έτος 2004". Το πρόγραμμα επιχορηγήθηκε από τον "Οργανισμό Αθήνα 2004", το 1997.
- 43.Πρόγραμμα "ESMOS/Arctic II". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII), άρχισε το 1996 και ολοκληρώθηκε το 1999.
- 44.Πρόγραμμα "Photochemical modeling using UAM-4 model within AUT-OIL2 program". Το πρόγραμμα επιχορηγήθηκε από την ISPRA-JRC-EU, άρχισε και ολοκληρώθηκε το 1999.
- 45.Πρόγραμμα "Photochemical Activity and Ultraviolet Radiation modulation factors". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII), άρχισε το 1998 ολοκληρώθηκε το 2000.
- 46.Πρόγραμμα "Concerted Actions on Scientific Strategy in the Stratosphere". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DG XII), άρχισε το 1998 και ολοκληρώθηκε το 2000.
- 47.Πρόγραμμα, "Small Scale structure Early Warning & Monitoring in Atmospheric Ozone & Related Exposure to UV-B radiation (STREAMER)",). Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) άρχισε το 1998 και ολοκληρώθηκε το 2001.
- 48.Πρόγραμμα "Development of an Ozone Satellite Application Facility". Το πρόγραμμα επιχορηγήθηκε από την EUMETSAT, άρχισε το 1997 και ολοκληρώθηκε το 2002.

- 49.Πρόγραμμα "Liquid hydrogen fuelled aircraft -system analysis (CRYOPLANE)". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) , άρχισε το 2000 και ολοκληρώθηκε το 2002.
- 50.Πρόγραμμα "Aircraft emissions: Contribution of different climate components to change in radiative forcing - Trade off to reduce atmospheric impact", Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) , άρχισε το 2000 και ολοκληρώθηκε το 2003.
- 51.Πρόγραμμα "European aerosol research Lidar network to establish an aerosols climatology.(EARLINET)". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) , άρχισε το 2000 και ολοκληρώθηκε το 2003.
- 52.Πρόγραμμα "GOME assimilated and validated ozone and nitrogen dioxide fields for scientific users and for model validations". Το πρόγραμμα επιχορηγήθηκε από την Ε.Ε. (DGXII) , άρχισε το 2001 και ολοκληρώθηκε το 2003.
- 53.Πρόγραμμα "Quantitative Understanding of Ozone losses by Bipolar Investigations". Το πρόγραμμα επιχορηγείται από την Ε.Ε. (DGXII) , άρχισε το 2002 και ολοκληρώθηκε το 2004.
- 54.Πρόγραμμα «Προηγμένες Τεχνικές Περιβαλλοντικών Μετρήσεων Και Προγνώσεων (ΠΡΟΤΕΠΕ)». Το πρόγραμμα επιχορηγήθηκε από τη ΓΓΕΤ, άρχισε το 2004 και ολοκληρώθηκε το 2005.
- 55.Πρόγραμμα ΠΥΘΑΓΟΡΑΣ «Περιβαλλοντικές Επιδράσεις των Μεταφερόμενων Αιωρούμενων Σωματιδίων». Το πρόγραμμα επιχορηγήθηκε από το ΥΠΕΠΘ, άρχισε το 2004 και ολοκληρώθηκε το 2006
- 56.Πρόγραμμα «Μεταβολές της υπεριώδους ακτινοβολίας υπό συνθήκες διαφορετικών τύπων αερολυμάτων από επίγειες και δορυφορικές παρατηρήσεις». Το πρόγραμμα επιχορηγήθηκε από τη ΓΓΕΤ, άρχισε το 2006 και ολοκληρώθηκε το 2008.
- 57.Πρόγραμμα ΠΕΝΕΔ «Μελέτη των ατμοσφαιρικών διεργασιών μεταφοράς αιωρούμενων σωματιδίων με την συνδυαστική χρήση δορυφορικών και επίγειων μετρήσεων καθώς και τη χρήση υπολογιστικών μοντέλων». Το πρόγραμμα επιχορηγήθηκε από τη ΓΓΕΤ, άρχισε το 2005 ολοκληρώθηκε το 2008.
- 58.Πρόγραμμα «Stratosphere-Climate Links With Emphasis On The UTLS-SCOUT-O3». Το πρόγραμμα επιχορηγήθηκε από τη Ε.Ε (FP6) , άρχισε το 2004 και ολοκληρώθηκε το 2009.
- 59.Πρόγραμμα «Building Infrastructure for the validation of satellite derived atmospheric parameters (PHAETHON)». Το πρόγραμμα επιχορηγείται από τον ΕΟΔ, άρχισε το 2009 και ολοκληρώθηκε το 2011
- 60.Πρόγραμμα «Aerosols, Clouds, and Trace gases Research Infrastructure Network» ACTRIS. Το πρόγραμμα επιχορηγείται από την Ε.Ε στα πλαίσια του FP7. Η εκτέλεση του προγράμματος ξεκίνησε το 2011 και ολοκληρώθηκε το 2015. (associated partner)
- 61.Πρόγραμμα «Βελτιστοποίηση και επέκταση επίγειας υποδομής για την πιστοποίηση μετρήσεων ατμοσφαιρικών συστατικών από δορυφορικά όργανα», ΕΣΠΑ 2007-2013, ΑΡΙΣΤΕΙΑ Ι. Η εκτέλεση του προγράμματος ξεκίνησε το 2012 και ολοκληρώθηκε το 2015.
- 62.Πρόγραμμα «Σύστημα διασφάλισης ποιότητας βασικών κλιματικών μεταβλητών-Q4ECV». Το πρόγραμμα επιχορηγείται από την Ε.Ε. στα πλαίσια του FP7, άρχισε το 2014 και θα ολοκληρωθεί το 2017.
- 63.Πρόγραμμα «Aerosols, Clouds, and Trace gases Research Infrastructure Network-Phase II». Το πρόγραμμα επιχορηγείται από την Ε.Ε στα πλαίσια του FP7. Η εκτέλεση του προγράμματος ξεκίνησε το 2015 και θα ολοκληρωθεί το 2018 (associated partner).

Έχω συμμετάσχει σε δεκάδες πολυήμερες συναντήσεις προόδου και ομάδων εργασίας στο εξωτερικό στα πλαίσια των ερευνητικών προγραμμάτων και των διεθνών συνεργασιών που έχουν αναπτυχθεί (δεν παρουσιάζονται αναλυτικά). Επίσης έχω συμμετάσχει στη συγγραφή των αντίστοιχων τελικών εκθέσεων προς τους φορείς χρηματοδότησης (δεν παρουσιάζονται αναλυτικά).

Ε. ΔΙΔΑΚΤΙΚΗ ΕΜΠΕΙΡΙΑ

1994	Διδασκαλία στο 1ο ΙΕΚ Θεσσαλονίκης του μαθήματος "Εργαστήριο Φυσικής της Ατμόσφαιρας"
1998-1999:	Φροντιστηριακές ασκήσεις του μαθήματος «Εισαγωγή στη Φυσική της Ατμόσφαιρας», του Φυσικού Τμήματος του Α.Π.Θ.
1999-2001	Συνδιδασκαλία του μαθήματος «Εργαστηριακές ασκήσεις πεδίου», του Μεταπτυχιακού Προγράμματος Σπουδών Φυσικής Περιβάλλοντος, του Φυσικού Τμήματος του Α.Π.Θ.
2001-2008:	Συνδιδασκαλία του μαθήματος επιλογής «Εφαρμογές Πληροφορικής στο Περιβάλλον» (1 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ) Συνδιδασκαλία των μαθημάτων «Εργαστηριακές Ασκήσεις και μετρήσεις πεδίου Ι και ΙΙ» (3 ^ο και 4 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ)
2001-:	Συνδιδασκαλία του μαθήματος επιλογής «Ατμοσφαιρική Τεχνολογία» (8 ^ο εξάμηνο, Τμήμα Φυσικής, ΑΠΘ)
2001-2015:	Συνδιδασκαλία του μαθήματος επιλογής «Φυσική της Ατμόσφαιρας» (8 ^ο εξάμηνο, Τμήμα Φυσικής, ΑΠΘ)
2001-:	Διδασκαλία του μαθήματος «Μελέτες Περιβαλλοντικών Επιπτώσεων» (3 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ)
2002-:	Συνδιδασκαλία του του μαθήματος «Εισαγωγή στη Φυσική της Ατμόσφαιρας», του Φυσικού Τμήματος του Α.Π.Θ.(3 ^ο εξάμηνο, Τμήμα Φυσικής, ΑΠΘ)
2008-:	Διδασκαλία του μαθήματος «Ατμοσφαιρικά Αιωρήματα», (3 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ) Συνδιδασκαλία του μαθήματος «Διαχείριση Περιβάλλοντος», (3 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ) Συνδιδασκαλία του μαθήματος «Τεχνικές Μέτρησης Ατμοσφαιρικών Παραμέτρων, (2 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ) Συνδιδασκαλία του μαθήματος «Ανάλυση Περιβαλλοντικών Μετρήσεων», (1 ^ο εξάμηνο Μεταπτυχιακό Φυσικής Περιβάλλοντος, ΑΠΘ)
2016-:	Συνδιδασκαλία του μαθήματος επιλογής «Παγκόσμιες Περιβαλλοντικές Μεταβολές» (8 ^ο εξάμηνο, Τμήμα Φυσικής, ΑΠΘ)

Επίβλεψη πάνω από 40 πτυχιακών εργασιών σε προπτυχιακό επίπεδο στα πλαίσια της κατεύθυνσης «Φυσική της Ατμόσφαιρας και Περιβάλλον» και περίπου 30 διπλωματικών

εργασιών στα πλαίσια του Μεταπτυχιακού Προγράμματος Σπουδών «Φυσική του Περιβάλλοντος»,

ΣΤ. ΕΠΙΒΛΕΨΗ ΔΙΑΤΡΙΒΩΝ

Επιβλέπων καθηγητής σε δύο περατωθείσες διδακτορικές διατριβές στα πλαίσια του Μεταπτυχιακού Φυσικής Περιβάλλοντος (Ε. Γιαννακάκη, Ε. Ζυριχίδου)

Επιβλέπων καθηγητής σε τρεις υπό εκπόνηση διδακτορικές διατριβές στα πλαίσια του Μεταπτυχιακού Φυσικής Περιβάλλοντος (Ε. Μαρίνου, Ν. Σιώμος, Κ. Βουδούρη)

Μέλος της τριμελούς επιτροπής στις υπό εκπόνηση διδακτορικές διατριβές των Χ. Γιάνναρου, Θ. Δρόσγλου, Α. Νάτση στα πλαίσια του Μεταπτυχιακού Φυσικής Περιβάλλοντος.

Μέλος της εξεταστικής επιτροπής σε 3 διδακτορικές διατριβές σε πανεπιστήμια του εξωτερικού University of Basilicata, Italy και University of Granada, Spain (Ι. Binetoglou, Maria Munoz Granados, Ν. Παργιαννopoulos)

Μέλος της επταμελούς εξεταστικής επιτροπής σε 23 διδακτορικές διατριβές (Π. Συμεωνίδη, Σ. Καραθανάσης, Χ. Τοπάλογλου, Ι. Κιουτσιούκης, Α. Καζαντζίδης, Α. Βασάρας, Α. Καραφυλλίδης, Ε. Γαλάνη, Β. Αμοιρίδης, Α. Πούπκου, Α. Γκαρσάνε, Δ. Παπαναστασίου, κ. Ελευθεράτος, Κ. Μαρκάκη, Ε. Δερμιτζάκη, Η. Λυσαρίδης, Κ. Κελεκτσόγλου, Α. Γεωργούλιας, Ν. Κουρεμέτη, Γ. Αλεξανδρή, Θ. Γιάνναρος, Μ. Ζεμπίλα, Κ. Φράγκος)

Ζ. ΣΥΓΓΡΑΦΗ ΣΗΜΕΙΩΣΕΩΝ

1. Μελάς Δ., Πασχαλίδης Σ., Μπαλής Δ., Μελέτη Χ. και Καραούζα Β., "Εργαστήρια Φυσικής Ατμοσφαιρικού Περιβάλλοντος", Σημειώσεις για το 1ο κρατικό ΙΕΚ Θεσσαλονίκης, τμήμα "Τεχνικοί ελέγχου εργασιακού και βιομηχανικού περιβάλλοντος", 1994
2. Μελάς Δ., Κ. Ελευθεριάδης, Κ. Κουρτίδης και Δ. Μπαλής, Σημειώσεις του μαθήματος "Ρύπανση του αέρα", 1ο Κρατικό ΙΕΚ Θεσσαλονίκης, 73 σελ., 1996
3. Α. Μπάης, Δ. Μελάς, Δ. Μπαλής, Σημειώσεις του μαθήματος Ατμοσφαιρική Τεχνολογία, 8ο εξάμηνο, σ115, ΑΠΘ, 2003.
4. Δ. Μπαλής, Α. Μπάης, Σημειώσεις του μαθήματος Φυσική της Ατμόσφαιρας, 8ο εξάμηνο, σ143, ΑΠΘ, 2003
5. Α. Μπάης, Δ. Μελάς, Δ. Μπαλής, Ατμοσφαιρική Τεχνολογία, ΚΑΛΛΙΠΟΣ, 2016

Η. ΔΙΑΛΕΞΕΙΣ-ΣΕΜΙΝΑΡΙΑ-ΠΡΟΣΚΕΚΛΗΜΕΝΕΣ ΟΜΙΛΙΕΣ

1. Μπαλής Δ., «Επίγειες και δορυφορικές μετρήσεις του περιβάλλοντος», Βαφοπούλειο Πνευματικό Κέντρο Δήμου Θεσσαλονίκης, Θεσσαλονίκη, 18 Μαρτίου 1998
2. Balis D., "Remote sensing of the atmosphere using the Lidar technique" An international seminar on current issues of astronomical and planetary environmental concern, British Council and AUTH, Thessaloniki, Greece, 6-7 April 1998

3. Balis D., "Ozone Evolution at mid and high latitudes, 5th European Symposium on Stratospheric Ozone, 27 Sep-1 Oct 1999, Saint Jean De Luz, France
4. Balis D., "Ozone monitoring and Research, 3rd Global Monitoring of the Environment and Security Forum, Athens, 5-6 June 2003
5. Balis D. "Evolution of the ozone extreme departures over the polar regions", International Geosphere Biosphere Program, Athens, 31-3-2004
6. Μπαλής Δ. Τεχνικές Περιβαλλοντικής Τηλεπισκόπησης, Δίκτυο ΠΡΟΤΕΠΕ-ΓΓΕΤ, Φεβρουάριος 2004
7. Μπαλής Δ., Μελέτη της Ατμοσφαιρικής ρύπανσης στα Βαλκάνια με τη χρήση δορυφορικών παρατηρήσεων, Δίκτυο ΠΡΟΤΗΠΑ-ΓΓΕΤ, Αθήνα, 6-10-2008
8. Μπαλής Δ., Προοπτικές για την παρακολούθηση της αέριας ρύπανσης από δορυφόρους, Δίκτυο ΠΡΟΤΗΠΑ-ΓΓΕΤ, Θεσσαλονίκη, 15-10-2008
9. Balis D., "Forest fire aerosols, Optical and microphysical observations from EARLINET observations, 1st GAW Aerosol Lidar Observation Network (GALION) Workshop, Geneva 20-9-2010

Θ. ΚΡΙΤΗΣ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΑ ΠΕΡΙΟΔΙΚΑ

Κριτής στα περιοδικά:

1. Journal of Geophysical Research
2. Geophysical Research Letters
3. Atmospheric Chemistry and Physics
4. Atmospheric Measurement Techniques
5. Journal of Atmospheric and Solar-Terrestrial Physics
6. Atmospheric Research
7. Applied Optics
8. Annales Geophysicae
9. Atmospheric Environment
10. Atmospheric Research
11. Tellus
12. International Journal of Remote Sensing
13. Natural Hazards
14. Journal of Atmospheric and Oceanic Technology
15. Science of the Total Environment
16. Meteorology and Atmospheric Physics
17. Remote Sensing of the Environment
18. Water, Air and Soil Pollution
19. Lasers in Engineering

Ι. ΕΠΙΤΡΟΠΕΣ ΑΞΙΟΛΟΓΗΣΗΣ

1. Επιτροπή αξιολόγησης « Global Change, Climate and Biodiversity under the Programme Energy, Environment and Sustainable Development, FP5
2. Επιτροπή αξιολόγησης για «Marie Curie Fellowships, Advanced Study Courses and René Descartes Prize within FP5»

3. Αξιολόγηση προτάσεων της Επιτροπής Ερευνών του Πανεπιστημίου Κρήτης
4. Αξιολόγηση προτάσεων της Ακαδημίας Επιστημών της Δημοκρατίας της Τσεχίας
5. Αξιολόγηση προτάσεων του Εθνικού Κέντρου Επιστημών της Δημοκρατίας της Πολωνίας
6. Αξιολόγηση προτάσεων του National Science Foundation, USA

ΙΑ. ΠΕΙΡΑΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

1. Μετρήσεις αιωρούμενων σωματιδίων και όζοντος με τη διάταξη lidar (Light Detection and Ranging)
2. Μετρήσεις της κατακόρυφης κατανομής του όζοντος με τη χρήση οζοντοβολίδων
3. Μετρήσεις αέριων ρύπων με τη μέθοδο Differential Optical Absorption Spectroscopy (DOAS)
4. Μετεωρολογικές μετρήσεις με δέσμιο αερόστατο.
5. Μετρήσεις αέριων ρύπων με συμβατικούς αναλυτές
6. Μετρήσεις οπτικού βάθους με το φωτόμετρο ορατού CIMEL

ΙΒ. ΔΙΟΡΓΑΝΩΣΗ ΣΥΝΕΔΡΙΩΝ-WORKSHOPS

1. Τοπικός οργανωτής του «SAF Ozone monitoring training workshop», Halkidiki, Greece, 21-23 May 2001,
2. Μέλος της επιστημονικής επιτροπής του 20^{ου} Παγκόσμιου Συνεδρίου Όζοντος, Κως, Ελλάδα, 1-8 Ιουνίου 2004.
3. Διοργάνωση workshop του δικτύου EARLINET, Θεσσαλονίκη, Φεβρουάριος 2008
4. Μέλος της επιστημονικής επιτροπής του Συμποσίου για την 20^η Επέτειο του Πρωτοκόλλου του Μόντρεαλ, Αθήνα, 23-26 Σεπτεμβρίου 2007.
5. Τοπικός οργανωτής του « Ozone SAF User and algorithm Forum», Halkidiki, Greece, 2-4 June 2009
6. Μέλος της οργανωτικής και επιστημονικής Επιτροπής του International Laser Radar Conference, Port-Heli, Greece, 2012.
7. Μέλος της επιστημονικής επιτροπής του 22^{ου} Παγκόσμιου Συνεδρίου Όζοντος, Toronto, Canada, 2012.
8. Μέλος της επιστημονικής Επιτροπής του ESA living planet, Edinburgh, UK, 2013
9. Μέλος της επιστημονικής Επιτροπής του International Conference on Meteorology, Climatology and Atmospheric Physics, Heraklion, Greece, 2014
10. Μέλος της επιστημονικής Επιτροπής του ESA Atmospheric Science, Conference, 2015
11. Μέλος της επιστημονικής Επιτροπής του ESA living planet, Prague, Czech Republic 2016
12. Μέλος της επιστημονικής Επιτροπής του International Conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki, Greece 2016

ΙΓ. ΔΙΑΚΡΙΣΕΙΣ

2000: Βράβευση από τον Παγκόσμιο Μετεωρολογικό Οργανισμό και το Μαριολοπουλειο-Καναγκίνειο Ίδρυμα της εργασίας 12.

ΙΑ. ΔΙΕΘΝΕΙΣ ΣΥΝΕΡΓΑΣΙΕΣ

Στο πλαίσιο των ερευνητικών προγραμμάτων και δραστηριοτήτων έχουν αναπτυχθεί συνεργασίες με τα παρακάτω ιδρύματα-ιστιτούτα:

- Belgian Institute for Space Aeronomy (BIRA-IASB) (M. Van Roozendaal, J-C. Lambert)
- German Aerospace Center (DLR) (D. Loyola, P. Valks, M. Bittner, T, Ebertseder)
- Royal Netherlands Meteorological Institute (KNMI) (R. Van der A., H. Eskes, M. Kroon)
- University of Bremen (IUP) (A. Richter)
- University of Cambridge (UCAM) (N. Harris)
- Finnish Meteorological Institute (FMI) (P.Taalas, J. Kujanpaa)
- Royal Meteorological Institute of Belgium (KMI-IRM) (H. de Backer, A. Delcloo))
- Danish Meteorological Institute (DMI)
- German Weather Service (DWD) (H. Claude, L. Kins, W. Thomas)
- World Meteorological Organizations (WMO) (R. Bojkov, G. Braatehn)
- National Aeronautics and Space Administration (NASA) (R. McPeters, G. Labow)
- Environment Canada (V. Fioletov)
- Max Planck Institute for Meterology, Hamburg (S. Kinne)
- Institute for Tropospheric Research, Leipzig, Germany (A. Ansmann)
- University of Granada, Spain (L.A. Arboledas)
- Ludwig-Maximilians-Universität, Meteorological Institute, München, Germany (M. Wiegner)
- RIVM - National Institute for Public Health and the Environment, Netherlands (A. Apituely)
- Consiglio Nazionale delle Ricerche - Istituto di Metodologie per l'Analisi Ambientale (CNR-IMAA)(G. Pappalardo)
- National Institute of R&D for Optoelectronics, Romania (D. Nicolae)
- University Politecnica de Catalunya, Spain (Adolfo Cameron)
- Università Degli Studi dell'Aquila (V. Rizi)
- University of Oslo, Institute of Geophysics, (I. Isaksen)
- Norwegian Instiute for Air Research (NILU), (G. Hansen)
- European Space Agency, ESRI, Frascati, Italy (C. Zehner)

Πίνακας αναφορών σε δημοσιευμένες εργασίες σε περιοδικά (πηγές: WOS, SCOPUS)

Αριθμός εργασίας	Αριθμός αναφορών Scopus	Αριθμός αναφορών WOS	Αριθμός εργασίας	Αριθμός αναφορών Scopus	Αριθμός αναφορών WOS
1	-	82	42	40	46
2	-	8	43	14	17
3	0	0	44	109	101
4	46	-	45	58	45
5	18	21	46	86	83
6	51	51	47	153	128
7	8	7	48	37	32
8	-	71	49	74	64
9	79	-	50	94	83
10	6	-	51	11	11
11	40	41	52	48	42
12	9	10	53	49	49
13	52	51	54	5	6
14	56	55	55	42	40
15	49	51	56	101	111
16	88	-	57	7	8
17	0	0	58	15	15
18	18	21	59	3	-
19	62	60	60	81	78
20	25	22	61	13	-
21	41	40	62	62	68
22	65	69	63	30	32
23	29	28	64	25	21
24	6	7	65	-	-
25	36	30	66	5	-
26	117	108	67	37	42
27	46	47	68	64	58
28	25	24	69	10	10
29	2	9	70	12	10
30	25	27	71	20	15
31	40	43	72	19	26
32	19	15	73	67	82
33	1	1	74	24	24
34	22	21	75	-	79
35	15	12	76	29	24
36	41	43	77	122	126
37	5	5	78	26	22
38	25	24	79	22	20
39	27	32	80	10	8
40	43	53	81	48	48
41	8	7	82	27	-

83	4	-	106	12	11
84	19	18	107	3	3
85	20	19	108	107	110
86	33	31	109	-	-
87	20	20	110	10	10
88	7	6	111	1	-
89	70	67	112	7	4
90	23	23	113	1	-
91	1	-	114	1	1
92	23	21	115	1	-
93	26	23	116	1	1
94	1	-	117	2	1
95	34	32	118	1	1
96	4	4	119	-	-
97	14	14	120	-	-
98	18	20	121	-	-
99	269	257	122	-	-
100	1	-	123	-	-
101	17	14	124	-	-
102	5	5	125	-	-
103	9	10	126	-	-
104	13	12	127	-	-
105	12	12			

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SCOPUS:

Σύνολο αναφορών=**3837**, h index = **37**, σύνολο χωρίς ετεροαναφορές= **3466**

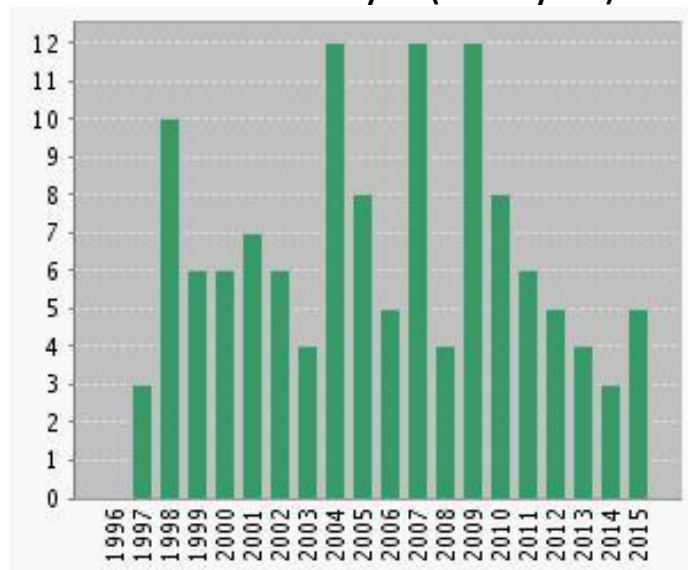
Google Scholar:

Σύνολο αναφορών=**3923**, h index = **34**

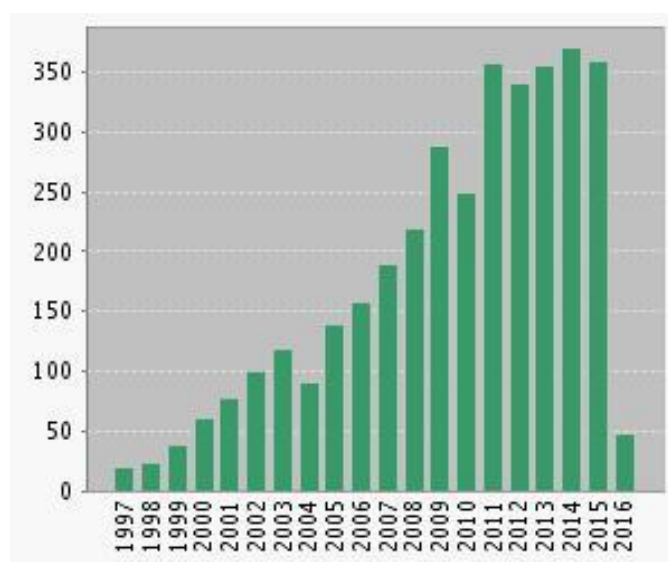
Research Gate:

Σύνολο αναφορών=**4740**, h index = **41**, χωρίς ετεροαναφορές: h=**38**, RG Score=**40.11**

Publications in each year (last 20 years)



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Πίνακας περιοδικών και Impact factors (πηγή ISI Thomson)

Περιοδικό	Αριθμός Δημοσιεύσεων	Impact Factor
Journal of Geophysical Research	25	3.43
Atmospheric Chemistry and Physics	20	5.05
Atmospheric Environment	20	3.28
Geophysical Research Letters	9	4.19
Atmospheric Measurements and Techniques	9	2.93
International Journal of Remote Sensing	6	1.65
Annales Geophysicae	4	1.71
Atmospheric Research	3	2.84
Applied Optics	3	1.78
Advances in Space Research	3	1.36
Journal of Atmospheric Chemistry	2	1.95
Physics and Chemistry of the Earth	2	1.48
Atmosphere Ocean	2	1.39
Remote Sensing of the Environment	1	6.39
Astroparticle Physics	1	3.58
International Journal of Climatology	1	3.16
Journal of the Atmospheric Sciences	1	3.14
Photochemistry and Photobiology	1	2.26
Journal of Aerosol Science	1	2.24
Tellus B	1	2.15
Theoretical and Applied Climatology	1	2.02
Experimental Astronomy	1	1.99
Journal of Solar and Terrestrial Physics	1	1.75
Remote Sensing Letters	1	1.57
Meteorology and Atmospheric Physics	1	1.05
Annals of Geophysics	1	1.04
Terrestrial Atmospheric and Oceanic Sciences	1	0.71
Nuovo Cimento della Societa Italiana de Fisica	1	0.49
Geomagnetism and Aeronomia	1	0.49
Fresenius Environmental Bulletin	1	0.34
Beitrage zur Physik der Atmosphaere	1	-
Optica Pura y Aplicada	1	-

Weighted Impact Factor: **3.11**

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1998 - PhD in Physics, Physics Department, AUTH,
Greece (Excellent)

LANGUAGES: Greek (native), English (excellent), German (excellent).

A. WORK EXPERIENCE

1989 :	Greek Refineries, Environmental Monitoring Department
1989-1991:	Military Service
1994:	Teaching at Institute of Vocational Training, Thessaloniki, Greece
1992-2000:	Research Fellow, Laboratory of Atmospheric Physics, AUTH, Greece
2000-2006	Lecturer, Physics Department, AUTH, Greece
2005-2009	Assistant Professor, Physics Department, AUTH, Greece
2009-2011	Assistant Professor (permanent), Physics Department, AUTH, Greece
2011-2017	Associate Professor, Physics Department, AUTH, Greece
2017-	Professor, Physics Department, AUTH, Greece

B. MEMBERSHIPS

1. Member of the Greek Physical Union Ενώσεως Ελλήνων Φυσικών.
2. Member of the European Geophysical Union
3. Member of the Environmental Division of the European Physical Society
4. Member of the American Geophysical Union
5. Elected member of the Council of the European Aerosol Research Lidar Network (EARLINET) (2004-2007)
6. Elected member of the International Ozone Commission (2004-2012)
7. National Representative to GMES (Global Monitoring of the Environment and Security) Advisory Council (2006-2009)
8. Member of the international committee "Integrated Global Atmospheric Chemistry Observations for Ozone (IGACO-O3)" (2006-)
9. Member of the Hellenic Association for Aerosol Research
10. Elected member of ICLAS- International Coordination group for Laser Atmospheric Studies (2015-)

Γ. Publications

Γ1. THESIS

Doctoral Dissertation: Study of the transmission of solar UV radiation in the presence of ozone and aerosols. Measurements with the lidar technique, AUTH 1997

Γ2. PUBLICATIONS IN PEER-REVIEWED JOURNALS (127)

1. Bojkov R.D., C.S. Zerefos, D.S. Balis, I.C. Ziomas, A.F. Bais, "Record Low Total Ozone during Northern Winters 1992 and 1993", **Geophys. Res. Lett.**, 20, 13, 1351-1354 (1993).
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221. L. Mona, L. Alados Arboledas, V. Amiridis, A. Amodeo, A. Apituley, D. Balis, A. Comeron, M. Iarlori, H. Linné, D. Nicolae, A. Papayannis, M.R. Perrone, V. Rizi, N. Siomos, U. Wandinger, X. Wang and G. Pappalardo, *EARLINET: 12- YEAR OF AEROSOL PROFILING OVER EUROPE*, in the Proceedings of the **27th International Laser Radar Conference (ILRC)**, New York City, USA, 2015

Γ5. PUBLICATIONS-PRESENTATIONS IN GREEK CONFERENCES (31)

1. Μελάς Δ., Ζιώμας Ι., Πασχαλίδης Σ., Μπαλής Δ., Τζουμάκα Π., Ζερεφός Χ., "Ανάπτυξη του οριακού στρώματος και δομή του ανέμου στην περιοχή της Πτολεμαΐδας", **Πρακτικά 2ου Πανελλήνιου Επιστημονικού Συνεδρίου Μετεωρολογίας-Κλιματολογίας-Φυσικής της Ατμόσφαιρας, Θεσσαλονίκη 29-30/9/1994**, 535-542, 1994.
2. Α. Παπαγιάννης, Δ. Μπαλής και F. Marengo, "Αυτόματος Σταθμός Μέτρησης της Ατμοσφαιρικής Ρύπανσης με Ακτίνες Laser με τη χρήση του κώδικα LabVIEW", **Συνέδριο "Τεχνολογία και Αυτοματισμός", Τ.Ε.Ι. Πειραιά, 9-10 Μαΐου**, 302-305, 1996
3. Ζιώμας Ι., Π. Τζουμάκα, Δ. Μπαλής, Δ. Μελάς και Χ. Ζερεφός, "Μελέτη της διασποράς ρύπων στην ευρύτερη περιοχή Αθηνών χρησιμοποιώντας το Urban Airshed Model, **Πρακτικά 3ου Πανελλήνιου Επιστημονικού Συνεδρίου Μετεωρολογίας-Κλιματολογίας-Φυσικής της Ατμόσφαιρας, Αθήνα 25-27/9/1996**, 340-347, 1996.

4. Ζερεφός Χ., Κ. Κουρτίδης, Ι. Ζιώμας και Δ. Μπαλής, «Τηλεπισκόπηση αερίων ρύπων στη Θεσσαλονίκη», Πρακτικά **2^{ου} Πανελλήνιου Επιστημονικού Συνεδρίου Χημικής Μηχανικής, Θεσσαλονίκη, 27-29 Μαΐος, 1999**
5. Koukouli M., D. Balis, V. Amiridis, S. Kazadzis, A. Bais and A. Georgoulas, Joint Analysis of the physical characteristics of aerosols over Thessaloniki using ground-based measurements and satellite observations, **Proc, of the 8th Conference of Meteorology, Climatology and Atmospheric Physics, Athens 24-26 May 2006**, vol C., 127-134, 2006
6. Anthis A. D. Balis, C. Zerefos, V. Amiridis, V. Maliatsos and G. Gousteris, Hellenic contribution (LAP-HNMS) in the program Ozone Monitoring Satellite Application of EUMETSAT, **Proc, of the 8th Conference of Meteorology, Climatology and Atmospheric Physics, Athens 24-26 May 2006**, vol A., 34-39, 2006
7. Kazantzidis A., A. Bais, D. Balis and C. Meleti, Comparison of ground-based measurements of ozone with satellite estimates at southern east Mediterranean Sea, **Proc, of the 8th Conference of Meteorology, Climatology and Atmospheric Physics, Athens 24-26 May 2006**, vol A., 192-196, 2006.
8. Alexandri G, D. Balis and K. Tourpali, Dependence of ozone measurements on stratospheric temperature, **Proc, of the 9th Conference of Meteorology, Climatology and Atmospheric Physics, Thessaloniki 28-31 May 2008**, 579-584, 2008
9. Georgoulas A., M. Koukouli, V. Amiridis, C. Meleti, G. Alexandri, D. Balis, A. Bais and C. Zerefos, A study of the Sulfur Dioxide transport above the city of Thessaloniki, Greece, **Proc, of the 9th Conference of Meteorology, Climatology and Atmospheric Physics, Thessaloniki 28-31 May 2008**, 585-592, 2008
10. Kazadzis S., A. Bais, D. Balis, M. Zebila, N. Koutemeti, A. Kazantzidis, E. Giannakaki, M. Koukouli, C. Meleti, V. Amiridis, J. Herman and A. Tanskanen, Evaluation of OMI-derived UV radiation, total ozone and aerosol properties against ground-based measurements, **Proc, of the 9th Conference of Meteorology, Climatology and Atmospheric Physics, Thessaloniki 28-31 May 2008**, 657-664, 2008
11. Koukouli M., S. Kazadzis, V. Amiridis, C. Ichoku and D. Balis, Discussions on the satellite derived aerosol optical depth over a variety of sites in the southern Balkan region as an indication of local air quality, **Proc, of the 9th Conference of Meteorology, Climatology and Atmospheric Physics, Thessaloniki 28-31 May 2008**, 679-686, 2008
12. Zyrichidou I., M. Koukouli, D. Balis, R. van der A, R. Dirksen and M. Van Roozendaal, Analysis of the Nitrogen Dioxide tropospheric column over the Balkan peninsula using satellite measurements, **Proc, of the 9th Conference of Meteorology, Climatology and Atmospheric Physics, Thessaloniki 28-31 May 2008**, 829-836, 2008
13. Giannakaki E., D. Balis, V. Amiridis, Optical properties of different aerosol types: Seven years of combined Raman elastic backscatter lidar measurements in Thessaloniki, Greece, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]
14. Balis D., E. Giannakaki, D. Müller, V. Amiridis and A. Bais, Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O₃ campaign with the synergy of Raman lidar and sunphotometer data, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]
15. Alexandri G., C. Meleti and D. Balis, Long term variations of shortwave and longwave radiation over Europe, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]

16. Kioutsioukis I., A. Poupkou, E. Katragkou, T. Giannaros, K. Markakis, D. Balis, D. Melas and C. Zerefos, Performance evaluation of the MM5/CAMx system for Europe,, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]
17. Koukouli M., J. Van Geffen, N. Krotkov, D. Balis, M. Van Roozendaal, R. Van der A. And C. Zerefos, SO₂ atmospheric loading revealed through ground-based and satellite measurements,, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]
18. Zyrichidou I., D. Balis, K. Tourpali, M. Koukouli, R. Bojkov, C. Zerefos and R. Van der A., Characteristics of the ozone decline estimated from multiple sensors,, **10th Conference on Meteorology, Climatology and Atmospheric Physics**, Patra 25-28 May 2010 [2010]
19. Zyrichidou I., Koukouli M.E., Balis D., et al., Compilation of a NO_x emission inventory for the Balkan region using satellite tropospheric NO₂ columns, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** http://dx.doi.org/10.1007/978-3-642-29172-2_177, Springer-Verlag, Berlin, Heidelberg, 2012.
20. Koukouli M.E., Valks P., Poupkou A., et al., Investigating the GOME2/MetopA total sulphur dioxide load with the aid of chemical transport modeling over the Balkan region, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** http://dx.doi.org/10.1007/978-3-642-29172-2_150, Springer-Verlag, Berlin, Heidelberg, 2012
21. D. Balis, E. Giannakaki, V. Amiridis, R. Mamouri, P. Kokkalis, G. Tsaknakis and A. Papayannis, Forest fire aerosols: Vertically resolved optical and microphysical properties and mass concentration from lidar observations, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** Springer-Verlag, Berlin, Heidelberg, 2012
22. E. Giannakaki, D. Balis and V. Amiridis, Aerosol type identification in the vertical with the means of CALIPSO level-2 products, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** , Springer-Verlag, Berlin, Heidelberg, 2012
23. V. Amiridis, E. Marinou, S. Kazadzis, E. Gerasopoulos, P. Kokkalis, R.E. Mamouri, A. Papayannis, N. Kouremeti, E. Giannakaki, E. Liakakou, D. Paraskevopoulou, M. Gratsea, K. Allahverdi, G. Kouvarakis, D. Balis, A. Bais, N. Mihalopoulos, I. Daglis, and C. Zerefos , ACEMED experimental campaign over Greece for the evaluation of CALIPSO's aerosol classification scheme, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** Springer-Verlag, Berlin, Heidelberg, 2012
24. G. Alexandri , C. Meleti, A.K. Georgoulas and D. Balis, Trends of shortwave and longwave surface radiation in Europe: spatiotemporal analysis and comparison of satellite and ground-based observations, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** Springer-Verlag, Berlin, Heidelberg, 2012
25. Kouremeti, A. Bais, D. Balis and I. Zyrichidou, Phaethon: A system for the validation of satellite derived atmospheric columns of trace gases, in ***Advances in Meteorology, Climatology and Atmospheric Physics, Springer Atmospheric Sciences, C.G. Helmig and P.T. Nastos (eds.),*** Springer-Verlag, Berlin, Heidelberg, 2012

- 26.Koukouli, M. E., Balis, D. S., Dimopoulos, S., et al., Satellite Monitoring of Ash and Sulphur Dioxide for the mitigation of Aviation Hazards, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 2., ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 2.pdf>, 2014.***
- 27.Koukouli, M. E., Zyrichidou, I., Balis, D. S., et al., Validation of an improved European long-term multi-sensor global total ozone record as part of the ESA Climate Change Initiative, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 2., <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 2.pdf>, ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, 2014.***
- 28.Koukouli, M. E., Zyrichidou, I., Balis, D. S., et al., Global total ozone and sulphur dioxide columns validation as part of the EUMETSAT Satellite Application Facility on Ozone and Atmospheric Chemistry Monitoring, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 2., ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 2.pdf>, 2014.***
- 29.Alexandri G., Georgoulas A., Meleti C. D. Balis, Modelling solar surface radiation over the Eastern Mediterranean, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 1., ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 1.pdf>, 2014.***
- 30.Amridis V., E. Marinou, A. Tsekeri et al., LIVAS: A 3-dimensional global aerosol database, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 1., ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 1.pdf>, 2014.***
- 31.Fragkos K., A. Bais, C. Meleti et al., Variability of 30 year record of total ozone derived from a Brewer spectrophotometer at Thessaloniki and the SBUV 8.6, in ***E-Proceedings of the XII EMTE National-International Conference of Meteorology-Climatology and Atmospheric Physics, Vol 1., ISBN-978-960-524-430-9, May 28-31, Heraklion, Greece, <http://comecap2014.chemistry.uoc.gr/COMECAP-ISBN-978-960-524-430-9-vol 2.pdf>, 2014.***

Δ. PARTICIPATION IN RESEARCH PROJECTS

As Principal Investigator

1. PHOENICS - Particles of human origin extinguishing natural solar radiation in climate systems, funded by EU (DGXII) ,2002-2004
2. "Development of algorithms for retrieval of GOME total ozone column (TOGOMI)" funded by KNMI, 2003.
3. "On the extended development and implementation of certain activities of a EUMETSAT Satellite application facility on ozone monitoring", funded by EUMETSAT, 2003-2007
4. "New ozone algorithm for GOME and reprocessing", funded by the German Aerospace Agency (DLR), 2004.
5. "Real-time total ozone mapping for the Northern Hemisphere in the frame of GAW", funded by GSRT, 2005-2007
6. «Protocol Monitoring for GMES (PROMOTE)», funded by KNMI , 2005-2006
7. "Upgrade of GOME data", funded by ESA through the German Aerospace Agency (DLR), 2006.
8. «European Aerosol Research Lidar Network (EARLINET ASOS)», funded by EU, FP6, 2006-2011
9. "Air quality monitoring and forecasting in China", funded by EU, FP6, 2007-2009
10. Protocol Monitoring for GMES-2 (PROMOTE Phase 2), funded by ESA through the German Aerospace Agency (DLR), 2007- 2009.
- 11.«GDP5.0 Upgrade of L1 and L2 του GOME data», funded by the European Space Agency through the German Aerospace Agency (DLR), 2007-2010.
- 12.«Advanced remote sensing techniques for monitoring and protecting forests", funded by GSRT, 2007-2008
- 13."Aerosols and clouds", funded by ESA, 2008-2010
- 14."Ozone-SAF-CDOP-1", funded by EUMETSAT, 2007-2012
15. "Space-based applications at the service of European Society -Preoperational validation of GMES services and products -Stimulating the development of downstream services (PASODOBLE)", funded by EU-FP7, 2010-2013.
- 16.«Building consolidated climate-relevant ozone data sets in the framework of the ESA's Climate Change Initiative (CCI)», funded by ESA, 2010-2013.
17. «Evaluation of level-3 satellite total ozone data", funded by ESA, 2011-2012.
- 18."Ozone-SAF-CDOP-2", funded by EUMETSAT, 2012-2017
- 19."Monitoring of Volcanic Ash-SACS-2", funded by ESA, 2012-2014.
- 20.«Educational material for GOME satellite», funded by ESA, 2014-2015
- 21.«Operational Forecast of Air Quality for Greece and Germany", funded by IKYDA 2014, 2014-2015
22. «MARCOPOLLO-Collaboration between China and Europe", funded by EU-FP7, 2014-2016.
- 23.«Building consolidated climate-relevant ozone data sets in the framework of the ESA's Climate Change Initiative (CCI)- Phase II», funded by ESA, 2014-2017.

As Researcher

During the period 1991-2002 I participated as researcher in 28 research projects funded by National and European Agencies. During the period 2003-2016 I participated as researcher in the following projects:

1. "GOME assimilated and validated ozone and nitrogen dioxide fields for scientific users and for model validations", funded by EU- (DGXII) , 2001-2003

2. "Quantitative Understanding of Ozone losses by Bipolar Investigations". , funded by EU-(DGXII) , 2002-2004
3. «Advanced Techniques for Environmental Monitoring and Forecasting», funded by GSRT, 2004-2005.
4. PYTHAGORAS-«Environmental Impact of transported aerosols», funded by the Ministry of Education, 2004-2006
5. «Variability of solar UV under different aerosol conditions using ground-based and satellite observations», funded by GSRT, 2006-2008.
6. PENED-«Study of atmospheric transport processes of aerosols with the synergy of satellite, ground based observations and models», funded by GSRT, 2005-2008.
7. «Stratosphere-Climate Links With Emphasis On The UTL-SCOUT-O3», funded by EU-FP6, 2004-2009
8. «Building Infrastructure for the validation of satellite derived atmospheric parameters (PHAETHON)», funded by ESA, 2009-2011.
9. «Aerosols, Clouds, and Trace gases Research Infrastructure Network» ACTRIS., funded by EU-FP7, 2011-2015 (associated partner)
- 10.«Quality Assurance for Essential Climatic Variables», funded by EU-FP7, 2014-2017.
- 11.«Aerosols, Clouds, and Trace gases Research Infrastructure Network-Phase II», funded by EU-H2020, 2015-2018 (associated partner).

E. TEACHING EXPERIENCE

1999-2001	Course: "Field Measurements", MSc Program: "Environmental Physics"-AUTH
2001-2008:	Course: «Computer Applications for Environmental Sciences», MSc Program: "Environmental Physics"-AUTH Courses: "Field Measurements I and II", MSc Program: "Environmental Physics"-AUTH
2001-:	Course: "Atmospheric Technology", Phys. Dept. AUTH, 8 th semester
2001-2015:	Course: "Atmospheric Physics", Phys. Dept. AUTH, 8 th semester
2001-:	Course: "Environmental Impact Assessments", MSc Program: "Environmental Physics"-AUTH
2002-:	Course: «Introduction to Atmospheric Physics», Phys. Dept. AUTH, 3 rd semester
2008-:	Course: "Atmospheric Aerosols", MSc Program: "Environmental Physics"-AUTH Course: "Environmental Management", MSc Program: "Environmental Physics"-AUTH Course: «Atmospheric Measurement Techniques», MSc Program: "Environmental Physics"-AUTH Course: "Analysis of Environmental Measurements", MSc Program: "Environmental Physics"-AUTH
2016-:	Course: "Global Change", Phys. Dept. AUTH, 8 th semester

I have supervised more than 40 degree theses and about 30 master thesis

ΣΤ. SUPERVISION OF PHD THESES

Supervisor of two completed PhD theses and supervisor of three on-going PhD theses.

Member of the supervising committee in 3 ongoing PhD theses.

Reviewer of 23 completed PhD theses in Greek Universities

Reviewer in 3 PhD theses of Universities abroad (University of Basilicata, Italy and University of Granada, Spain)

Z. LECTURE NOTES (In Greek)

1. Μελάς Δ., Πασχαλίδης Σ., Μπαλής Δ., Μελέτη Χ. και Καραούζα Β., "Εργαστήρια Φυσικής Ατμοσφαιρικού Περιβάλλοντος", Σημειώσεις για το 1ο κρατικό ΙΕΚ Θεσσαλονίκης, τμήμα "Τεχνικοί ελέγχου εργασιακού και βιομηχανικού περιβάλλοντος"., 1994
2. Μελάς Δ., Κ. Ελευθεριάδης, Κ. Κουρτίδης και Δ. Μπαλής, Σημειώσεις του μαθήματος "Ρύπανση του αέρα", 1ο Κρατικό ΙΕΚ Θεσσαλονίκης, 73 σελ., 1996
3. Α. Μπάης, Δ. Μελάς, Δ. Μπαλής, Σημειώσεις του μαθήματος Ατμοσφαιρική Τεχνολογία, 8ο εξάμηνο, σ115, ΑΠΘ, 2003.
4. Δ. Μπαλής, Α. Μπάης, Σημειώσεις του μαθήματος Φυσική της Ατμόσφαιρας, 8ο εξάμηνο, σ143, ΑΠΘ, 2003
5. Α. Μπάης, Δ. Μελάς, Δ. Μπαλής, Ατμοσφαιρική Τεχνολογία, ΚΑΛΛΙΠΟΣ, 2016

H. LECTURES-SEMINARS-INVITED TALKS

1. Balis D., «Ground-based and satellite monitoring of the environment», Vafopouleio Cultural Centre of the Municipality of Thessaloniki, Thessaloniki, 1998
2. Balis D., "Remote sensing of the atmosphere using the Lidar technique" An international seminar on current issues of astronomical and planetary environmental concern, British Council and AUTH, Thessaloniki, Greece, 6-7 April 1998
3. Balis D., "Ozone Evolution at mid and high latitudes, 5th European Symposium on Stratospheric Ozone, 27 Sep-1 Oct 1999, Saint Jean De Luz, France
4. Balis D., "Ozone monitoring and Research, 3rd Global Monitoring of the Environment and Security Forum, Athens, 5-6 June 2003
5. Balis D. "Evolution of the ozone extreme departures over the polar regions", International Geosphere Biosphere Program, Athens, 31-3-2004
6. Balis D. "Remote sensing techniques for environmental monitoring, PROTEPE-GSRT network, Thessaloniki, February 2004
7. Balis D. "Air Quality over the Balkans using satellite measurements", PROTIPA GSRT network, Goulandri Foundation, Athens, October 2008

8. Balis D., “The potential of satellites in air quality monitoring”, Προοπτικές για την παρακολούθηση της αέριας ρύπανσης από δορυφόρους, PROTIPA GSRT network, Prefecture of Thessaloniki, October 2008
9. Balis D., “Forest fire aerosols, Optical and microphysical observations from EARLINET observations, 1st GAW Aerosol Lidar Observation Network (GALION) Workshop, Geneva 20-9-2010

Θ. REVIEWER IN SCIENTIFIC JOURNALS

20. Journal of Geophysical Research
21. Geophysical Research Letters
22. Atmospheric Chemistry and Physics
23. Atmospheric Measurement Techniques
24. Journal of Atmospheric and Solar-Terrestrial Physics
25. Atmospheric Research
26. Applied Optics
27. Annales Geophysicae
28. Atmospheric Environment
29. Atmospheric Research
30. Tellus
31. International Journal of Remote Sensing
32. Natural Hazards
33. Journal of Atmospheric and Oceanic Technology
34. Science of the Total Environment
35. Meteorology and Atmospheric Physics
36. Remote Sensing of the Environment
37. Water, Air and Soil Pollution
38. Lasers in Engineering

I. EVALUATION COMMITTEES

1. Evaluator for « Global Change, Climate and Biodiversity under the Programme Energy, Environment and Sustainable Development,FP5
2. Evaluator for «Marie Curie Fellowships, Advanced Study Courses and René Descartes Prize within FP5»
3. Evaluator for the Research Committee of the University of Crete
4. Evaluator for the Academy of Sciences of the Czech Republic
5. Evaluator for the National Research Centre of Poland
6. Evaluator for the National Science Foundation, USA

IA. EXPERIMENTAL EXPERIENCE ΠΕΙΡΑΜΑΤΙΚΗ ΕΜΠΕΙΡΙΑ

1. Measurements of the vertical distribution of aerosol and ozone with lidars
2. Measurements of the vertical distribution of ozone with ozonesondes
3. Trace gas monitoring with Differential Optical Absorption Spectroscopy (DOAS)
4. Meteorological measurements with a tethered balloon
5. Air pollution monitoring with conventional analyzers
6. Aerosol optical depth measurements with sun photometers (CIMEL)

IB. CONFERENCE-WORKSHOP ORGANIZATION

1. Local Organizer of the SAF Ozone monitoring training workshop, Halkidiki, Greece, 21-23 May 2001,
2. Scientific Committee of the 20th Quadrennial Ozone Symposium, Kos, Greece, 1-8 June, 2004
3. Local Organizer of the EARLINET workshop, Thessaloniki, 2008
4. Scientific Committee of the Symposium for the 20th Anniversary of the Montreal Protocol, Athens, 23-26 September 2007
5. Local Organizer of the Ozone SAF User and algorithm Forum, Halkidiki, Greece, 2-4 June 2009
6. Co-Chair of the Organizing Committee of the 26th International Laser Radar Conference, Port-Heli, Greece, 2012.
7. Scientific Committee of the 22th Quadrennial Ozone Symposium, Toronto, Canada, 2012.
8. Scientific Committee of the ESA Living Planet Conference, Edinburgh, UK, 2013
9. Scientific Committee of the International Conference on Meteorology, Climatology and Atmospheric Physics, Heraklion, Greece, 2014
10. Scientific Committee of ESA Atmospheric Science, Conference, 2015
11. Scientific Committee of the ESA Living Planet Conference, Prague, Czech Republic 2016
12. Scientific Committee of the International Conference on Meteorology, Climatology and Atmospheric Physics, Thessaloniki, Greece 2016

IF. HONORS

2000: The publication Γ4.12 received the Mariolopoulos-Kanaginis Award of the World Meteorological Organization.

IA. INTERNATIONAL COLLABORATIONS

In the frame of my research activities and research projects I have collaborated with the following institutes.

- Belgian Institute for Space Aeronomy (BIRA-IASB) (M. Van Roozendaal, J-C. Lambert)

- German Aerospace Center (DLR) (D. Loyola, P. Valks, M. Bittner, T. Ebertseder)
- Royal Netherlands Meteorological Institute (KNMI) (R. Van der A., H. Eskes, M. Kroon)
- University of Bremen (IUP) (A. Richter)
- University of Cambridge (UCAM) (N. Harris)
- Finnish Meteorological Institute (FMI) (J. Kujanpää)
- Royal Meteorological Institute of Belgium (KMI-IRM) (H. de Backer, A. Delcloo)
- Danish Meteorological Institute (DMI)
- German Weather Service (DWD) (H. Claude, L. Kins, W. Thomas)
- World Meteorological Organization (WMO) (R. Bojkov, G. Braaten)
- National Aeronautics and Space Administration (NASA) (R. McPeters, G. Labow)
- Environment Canada (V. Fioletov)
- Max Planck Institute for Meteorology, Hamburg (S. Kinne)
- Institute for Tropospheric Research, Leipzig, Germany (A. Ansmann)
- University of Granada, Spain (L.A. Arboledas)
- Ludwig-Maximilians-Universität, Meteorological Institute, München, Germany (M. Wiegner)
- RIVM - National Institute for Public Health and the Environment, Netherlands (A. Apituley)
- Consiglio Nazionale delle Ricerche - Istituto di Metodologie per l'Analisi Ambientale (CNR-IMAA) (G. Pappalardo)
- National Institute of R&D for Optoelectronics, Romania (D. Nicolae)
- University Politecnica de Catalunya, Spain (Adolfo Cameron)
- Università Degli Studi dell'Aquila (V. Rizi)
- University of Oslo, Institute of Geophysics, (I. Isaksen)
- Norwegian Institute for Air Research (NILU), (G. Hansen)
- European Space Agency, ESRI, Frascati, Italy (C. Zehner)

Citations per journal article (source: WOS, SCOPUS)

Publication number	Citations in Scopus	Citations in WOS	Publication number	Citations in Scopus	Citations in WOS
1	-	82	42	40	46
2	-	8	43	14	17
3	0	0	44	109	101
4	46	-	45	58	45
5	18	21	46	86	83
6	51	51	47	153	128
7	8	7	48	37	32
8	-	71	49	74	64
9	79	-	50	94	83
10	6	-	51	11	11
11	40	41	52	48	42
12	9	10	53	49	49
13	52	51	54	5	6
14	56	55	55	42	40
15	49	51	56	101	111
16	88	-	57	7	8
17	0	0	58	15	15
18	18	21	59	3	-
19	62	60	60	81	78
20	25	22	61	13	-
21	41	40	62	62	68
22	65	69	63	30	32
23	29	28	64	25	21
24	6	7	65	-	-
25	36	30	66	5	-
26	117	108	67	37	42
27	46	47	68	64	58
28	25	24	69	10	10
29	2	9	70	12	10
30	25	27	71	20	15
31	40	43	72	19	26
32	19	15	73	67	82
33	1	1	74	24	24
34	22	21	75	-	79
35	15	12	76	29	24
36	41	43	77	122	126
37	5	5	78	26	22
38	25	24	79	22	20
39	27	32	80	10	8
40	43	53	81	48	48
41	8	7	82	27	-

83	4	-	106	12	11
84	19	18	107	3	3
85	20	19	108	107	110
86	33	31	109	-	-
87	20	20	110	10	10
88	7	6	111	1	-
89	70	67	112	7	4
90	23	23	113	1	-
91	1	-	114	1	1
92	23	21	115	1	-
93	26	23	116	1	1
94	1	-	117	2	1
95	34	32	118	1	1
96	4	4	119	-	-
97	14	14	120	-	-
98	18	20	121	-	-
99	269	257	122	-	-
100	1	-	123	-	-
101	17	14	124	-	-
102	5	5	125	-	-
103	9	10	126	-	-
104	13	12	127	-	-
105	12	12			

Web of Science, Thomson Reuters:

Total number of citations=**3654**, h index = **37**, without self-citations= **3339** (h=35)

SCOPUS:

Total number of citations =**3837**, h index = **37**, without self-citations = **3466**

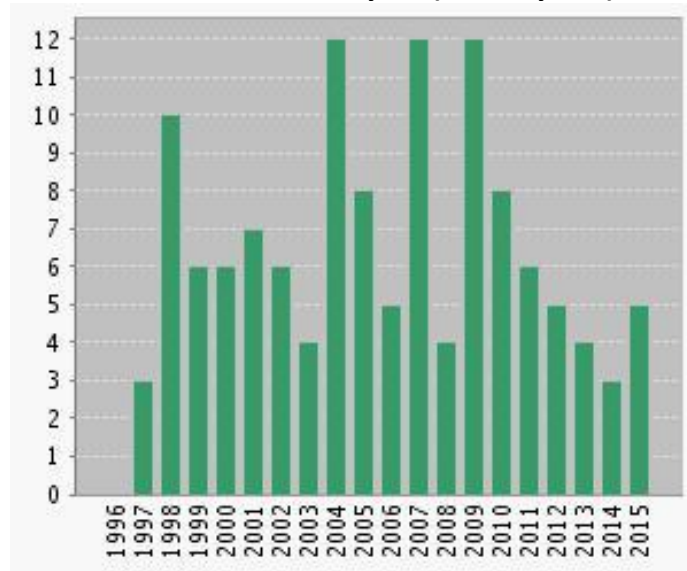
Google Scholar:

Total number of citations =**3923**, h index = **34**

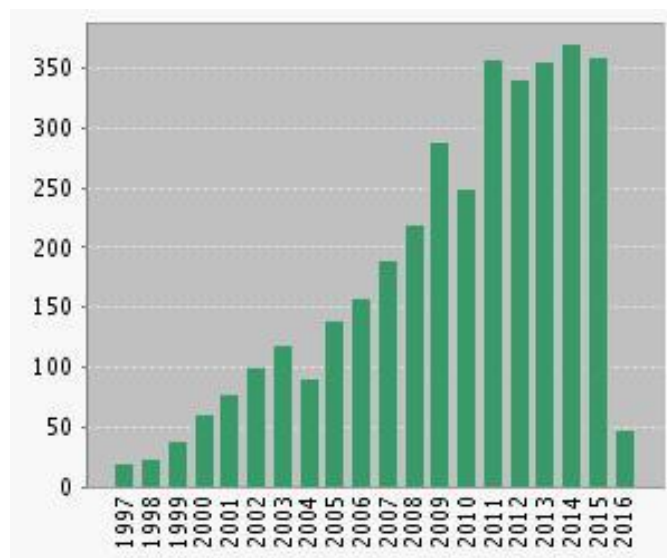
Research Gate:

Total number of citations =**4740**, h index = **41**, without self-citations: h=**38**,
RG Score=**40.11**

Publications in each year (last 20 years)



Citations in each year (last 20 years)



Source: Web of Science, Thomson Reuters

Number of publications per journal and related impact factors (Source: ISI Thomson)

Journal	No of publications	Impact Factor
Journal of Geophysical Research	25	3.43
Atmospheric Chemistry and Physics	20	5.05
Atmospheric Environment	20	3.28
Geophysical Research Letters	9	4.19
Atmospheric Measurements and Techniques	9	2.93
International Journal of Remote Sensing	6	1.65
Annales Geophysicae	4	1.71
Atmospheric Research	3	2.84
Applied Optics	3	1.78
Advances in Space Research	3	1.36
Journal of Atmospheric Chemistry	2	1.95
Physics and Chemistry of the Earth	2	1.48
Atmosphere Ocean	2	1.39
Remote Sensing of the Environment	1	6.39
Astroparticle Physics	1	3.58
International Journal of Climatology	1	3.16
Journal of the Atmospheric Sciences	1	3.14
Photochemistry and Photobiology	1	2.26
Journal of Aerosol Science	1	2.24
Tellus B	1	2.15
Theoretical and Applied Climatology	1	2.02
Experimental Astronomy	1	1.99
Journal of Solar and Terrestrial Physics	1	1.75
Remote Sensing Letters	1	1.57
Meteorology and Atmospheric Physics	1	1.05
Annals of Geophysics	1	1.04
Terrestrial Atmospheric and Oceanic Sciences	1	0.71
Nuovo Cimento della Societa Italiana de Fisica	1	0.49
Geomagnetism and Aeronomia	1	0.49
Fresenius Environmental Bulletin	1	0.34
Beitrage zur Physik der Atmosphaere	1	-
Optica Pura y Aplicada	1	-

Weighted Impact Factor: 3.11