

ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

ΑΝΤΩΝΗΣ ΓΚΙΚΑΣ

Δρ. Ατμοσφαιρικών Επιστημών και Περιβάλλοντος

ΕΡΕΥΝΗΤΗΣ Γ'

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Ακαδημία Αθηνών

ΑΚΑΔΗΜΙΑ



ΑΘΗΝΩΝ

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1. ΒΙΟΓΡΑΦΙΚΑ ΣΤΟΙΧΕΙΑ

1.1 Ατομικά Στοιχεία

Όνομα	Αντώνης Γκίκας
Ημερομηνία γέννησης:	11 Δεκεμβρίου 1979, Αθήνα, Ελλάδα
Υπηκοότητα:	Ελληνική
Οικ. Κατάσταση:	Έγγαμος με 1 παιδί
Τρέχουσα Θέση:	Ερευνητής Γ' (Κέντρον Ερεύνης Φυσικής της Ατμοσφαιρας και Κλιματολογίας, Ακαδημία Αθηνών)
Στρατιωτικές υποχρεώσεις:	Εκπληρωμένες (2008-2009, Τεθωρακισμένα)
Διεύθυνση Εργασίας:	Ακαδημία Αθηνών, Βασιλίσσης Σοφίας 79, Τ.Κ. 11521 Αθήνα, Ελλάδα
Διεύθυνση οικίας:	Κωνσταντίνου Καρυωτάκη 54, 15344, Γέρακας, Ελλάδα
Τηλ:	+30-210-8109220 (γραφείο), +30-697-7240919 (κινητό)
Fax:	+30-210-6138343
Email:	agkikas@academyofathens.gr
Web:	https://react.space.noa.gr/component/content/article.html?id=39&Itemid=101
Researcher-ID	F-4184-2017
Scopus ID	35757496400
ResearchGate	https://www.researchgate.net/profile/Antonis-Gkikas
LinkedIn	https://www.linkedin.com/in/antonis-gkikas-49b10a72/
ORCID	https://orcid.org/0000-0002-4137-0724
Google Scholar	https://scholar.google.com/citations?user=i2dAIaMAAAAJ&hl=en

1.2 Εκπαίδευση

2008-2012	Διδακτορικό Δίπλωμα στις Ατμοσφαιρικές Επιστήμες και στο Περιβάλλον
Ίδρυμα:	Πανεπιστήμιο Ιωαννίνων, Τμήμα Φυσικής
Διδακτορική διατριβή:	Μελέτη επεισοδίων αερολυμάτων στην ευρύτερη περιοχή της λεκάνης της Μεσογείου με τη χρήση σύγχρονων δορυφορικών δεδομένων
Επιβλέπων:	Ν. Χατζηαναστασίου
Σύνδεσμος:	https://www.didaktorika.gr/eadd/handle/10442/30067
2004-2007	Μεταπτυχιακό Δίπλωμα στη Μετεωρολογία, Κλιματολογία και Φυσική του Ατμοσφαιρικού Περιβάλλοντος
Ίδρυμα:	Πανεπιστήμιο Ιωαννίνων, Τμήμα Φυσικής
Μεταπτυχιακή εργασία:	Μελέτη οπτικών ιδιοτήτων των αερολυμάτων στην ευρύτερη περιοχή της λεκάνης της Μεσογείου
Επιβλέπων:	Ν. Χατζηαναστασίου

1999-2004	Πτυχίο Μηχανικού Φυσικών Πόρων και Περιβάλλοντος
Ίδρυμα:	Τμήμα Μηχανικών Φυσικών Πόρων και Περιβάλλοντος, Τεχνολογικό Εκπαιδευτικό Ίδρυμα Κρήτης (Παράρτημα Χανίων)
Πτυχιακή εργασία:	Ατμοσφαιρικά μοντέλα πρόγνωσης καιρού
Επιβλέπων:	Μανώλης Λέκκας

1.3 Θέσεις Εργασίας

2023 – σήμερα	Ερευνητής Γ' – Κέντρο Ερεύνης Φυσικής της Ατμοσφαιράς και Κλιματολογίας
2021 – 2024	Επιστημονικός Υπεύθυνος του ερευνητικού προγράμματος ATLANTAS (ΕΛΙΔΕΚ), [ΙΑΑΔΕΤ/ΕΑΑ]
2020 – 2022	Μεταδιδακτορικός ερευνητής (μέλος της επιστημονικής ομάδας ReACT), [ΙΑΑΔΕΤ/ΕΑΑ]
2019-2020	Μεταδιδακτορικός ερευνητής (μέλος της επιστημονικής ομάδας του ERC D-TECT), [ΙΑΑΔΕΤ/ΕΑΑ]
2017-2019	Μεταδιδακτορικός ερευνητής (Υπότροφος Marie Curie), [ΙΑΑΔΕΤ/ΕΑΑ]
2017	Μεταδιδακτορικός ερευνητής [ΙΕΠΒΑ/ΕΑΑ]
2014-2016	Μεταδιδακτορικός ερευνητής (Υπότροφος Marie Curie), [Earth Sciences Department/BSC]
2012-2014	Μεταδιδακτορικός ερευνητής, [Τμήμα Φυσικής/Πανεπιστήμιο Ιωαννίνων]
2012-2014	Εξωτερικός συνεργάτης, [Τμήμα Περιβάλλοντος/Πανεπιστήμιο Αιγαίου]
2012-2013	Εξωτερικός συνεργάτης, [ΙΑΑΔΕΤ/ΕΑΑ]
2012	Εξωτερικός συνεργάτης, [ΙΕΠΒΑ/ΕΑΑ]
2011-2012	Εξωτερικός συνεργάτης, [Τμήμα Χημείας/Πανεπιστήμιο Κρήτης]
2008-2012	Υποψήφιος Διδάκτωρ, [Εργαστήριο Μετεωρολογίας/Τμήμα Φυσικής/Πανεπιστήμιο Ιωαννίνων]
2003	Μετεωρολόγος στο Γραφείο Καιρού της 115 ΠΜ Σούδας [Πρακτική άσκηση]

1.4 Λοιπές γνώσεις – Δεξιότητες

- Άριστη γνώση Αγγλικής Γλώσσας
- Καλή γνώση Ισπανικής Γλώσσας
- Πολυετή εμπειρία στη χρήση διαφόρων λειτουργικών συστημάτων (Linux, Unix, Windows)
- Άριστη κατάρτιση σε διαφορετικές γλώσσες προγραμματισμού (FORTRAN, PYTHON, IDL, CDO, NCO, NCL, R)
- Διαχείριση μεγάλου όγκου δεδομένων (big data)
- Εφαρμογές σε υπερυπολογιστικά συστήματα (high performance computing, HPC)

2. ΕΡΕΥΝΗΤΙΚΟ ΕΡΓΟ

2.1 Κύρια Ερευνητικά Ενδιαφέροντα

- Μελέτη οπτικών και μικροφυσικών ιδιοτήτων αερολυμάτων με τη χρήση δορυφορικών και επίγειων δεδομένων ανάκτησης μέσω τεχνικών παθητικής και ενεργητικής τηλεπισκόπησης.
- Χωροχρονικές μεταβολές του φορτίου των αερολυμάτων σε περιοχική και παγκόσμια κλίμακα
- Αλληλεπιδράσεις αερολυμάτων-ακτινοβολίας
- Μοντέλα εκπομπής και μεταφοράς ερημικών αερολυμάτων

- Επίδραση των ερημικών αερολυμάτων σε ατμοσφαιρικές διεργασίες βραχείας (καιρός) και μακράς (κλίμα) χρονικής κλίμακας
- Τεχνικές αφομοίωσης (data assimilation) σε μοντέλα προσομοίωσης του φορτίου ερημικής σκόνης
- Φυσική της Ατμόσφαιρας
- Μετεωρολογία – Κλιματολογία

2.2 Συμμετοχή σε ερευνητικά προγράμματα

A/A	Ακρωνύμιο	Χρηματοδότης	Διάρκεια	Ρόλος στο πρόγραμμα
1	CACTUS	EUMETSAT	2025-present	<ul style="list-style-type: none"> Επιστημονικός Υπεύθυνος
2	CAIRO	World Bank	2026-present	<ul style="list-style-type: none"> Ανάπτυξη επιχειρησιακού συστήματος της ατμοσφαιρικής σύστασης στην περιοχή του Καΐρου
3	CLIMPACT-II	GSRI	2024-present	<ul style="list-style-type: none"> Δορυφορική βάση δεδομένων MIDAS Διαχρονικές μεταβολές του φορτίου ερημικής σκόνης στην περιοχή της Ανατολικής Μεσογείου
4	SUSTAINET	ERASMUS+	2025-present	<ul style="list-style-type: none"> Ανάπτυξη Κόμβων Καινοτομίας Πράσινης Επιχειρηματικότητας
5	SAT-AOD-TREND	EUMETSAT	2024-2025	<ul style="list-style-type: none"> Επιστημονικός Υπεύθυνος
6	DELOS	Initiative 21	2025-2026	<ul style="list-style-type: none"> Ενσωμάτωση δορυφορικών μετρήσεων της ατμοσφαιρικής σύστασης στην πλατφόρμα του Παρατηρητηρίου
7	CAMS2_82	CAMS	2023-present	<ul style="list-style-type: none"> Αξιολόγηση και έλεγχος ποιότητας (EQA) αριθμητικών προϊόντων του μοντέλου CAMS Μελέτη της χωρικής αντιπροσωπευτικότητας των σταθμών ποιότητας του αέρα
8	BIOASTY	GSRI	2023-2024	<ul style="list-style-type: none"> Μελλοντικές προβολές καυσώνων βάσει μοντέλων γενικής κυκλοφορίας CMIP5 (GCMs)
9	ADD-CROSS	EUMETSAT	2021-2023	<ul style="list-style-type: none"> Επικεφαλής πακέτου εργασίας Αξιολόγηση των αριθμητικών προϊόντων αερολυμάτων και μετεωρολογικών παραμέτρων από τα μοντέλα CAMS και IFS
10	NEWTON	ESA	2021-2022	Συντονιστής των ερευνητικών δραστηριοτήτων του έργου σε συνεργασία με τον κύριο επιστημονικό υπεύθυνο
11	ATLANTAS	H.F.R.I.	2021-2024	Επιστημονικός υπεύθυνος του έργου
12	ASKOS	ESA	2021-2022	<ul style="list-style-type: none"> Επικεφαλής πακέτου εργασίας Σύνθεση και συστάσεις
13	CORAL	ESA	2020-2021	<ul style="list-style-type: none"> Επικεφαλής δύο πακέτων εργασίας

				<ul style="list-style-type: none"> Διαχείριση δορυφορικών δεδομένων και εφαρμογή σε τεχνικές αφομοίωσης σε αριθμητικά μοντέλα
14	ΕΔΒΜ34	ΕΣΠΑ 2014-2020	2020-2021	Μελέτη της επίδρασης διαφορετικών τύπων αερολυμάτων στο ισοζύγιο ακτινοβολίας
15	D-TECT	ERC	2017-2022	Ανάπτυξη βάσης δεδομένων οπτικού βάθους ερημικών αερολυμάτων σε πλανητική κλίμακα.
16	VADAM	ESA	2018-2021	Υπεύθυνος για την αξιολόγηση των δορυφορικών δεδομένων AEOLUS
17	ACROSS	ESA	2022-2025	<ul style="list-style-type: none"> Υπεύθυνος για την αξιολόγηση των δορυφορικών δεδομένων EarthCARE Αξιοποίηση των παρατηρήσεων EarthCARE ως δεδομένα εισαγωγής σε μοντέλα διάδοσης ακτινοβολίας Αναβάθμιση της βάσης δεδομένων ESA LIVAS
18	PANACEA	EU/National	2018-2022	<ul style="list-style-type: none"> Αξιολόγηση των δορυφορικών δεδομένων AEOLUS έναντι επίγειων διατάξεων lidar
19	inDust	EU (COST)	2017-2021	<ul style="list-style-type: none"> Αναπληρωματικό μέλος της συντονιστικής επιτροπής (Member of Committee Substitute) Υπεύθυνος ανάπτυξης της βάσης δεδομένων παρατηρήσεων αερολυμάτων ερημικής σκόνης
20	DUST-GLASS	H2020-MSCA-IF-2016	2017-2019	Υπότροφος Marie Curie
21	Παροχή μετεωρολογικών προγνώσεων	EAA	2017	Ανάλυση επεισοδίων μεταφοράς ερημικής σκόνης
22	MDRAF	Marie-Curie FP7-PEOPLE-IEF	2014-2016	Υπότροφος Marie Curie
23	ΘΑΛΗΣ	ΕΣΠΑ	2012-2014	Μελέτη οπτικών και μικροφυσικών ιδιοτήτων αιωρούμενων σωματιδίων στον ευρύτερο Ελλαδικό χώρο
24	LIVAS	ESA	2012	Επεξεργασία δορυφορικών δεδομένων
25	ΔΕΥΚΑΛΙΩΝ	ΕΣΠΑ	2012-2014	Παραγωγή εκπαιδευτικών εργαλείων για την εκπαίδευση μαθητών στην αντιμετώπιση σεισμών και άλλων φυσικών καταστροφών
26	LIFE + PM3	EU	2011-2012	Επεξεργασία δορυφορικών δεδομένων αερολυμάτων στην Α. Μεσόγειο
27	ACI-UV	EU	2011-2012	Ανάλυση και ερμηνεία δορυφορικών μετρήσεων ατμοσφαιρικών συστατικών
28	EPIRUS-AEROSOL	Πανεπιστήμιο Ιωαννίνων	2008-2009	Ανάλυση των οπτικών ιδιοτήτων αερολυμάτων στη ΒΔ Ελλάδα

29	RISKMED	Interreg IIIB	2006-2008	Ανάπτυξη συστήματος προειδοποίησης έντονων φαινομένων στη ΒΔ Ελλάδα	έγκαιρης καιρικών
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Αναλυτικοί τίτλοι ερευνητικών προγραμμάτων

- **CACTUS:** Copernicus Atmospheric Composition Training and User Guidance Service
- **CAIRO:** Developing Advanced Air Quality Forecasting System at the Greater Cairo Area
- **CLIMPACT-II:** Εθνικό δίκτυο Έρευνας για την κλιματική αλλαγή και τις επιπτώσεις της
- **SUSTAINET:** Empowering Local Governance for Sustainable Economic Growth through a network of Green Business Innovation Hubs
- **SAT-AOD-TREND:** Long-term dust trends (2007-2023) in the broader Mediterranean region as obtained by diverse spaceborne EO datasets
- **DELOS:** Delos Climate Observatory
- **CAMS2_82:** Evaluation and Quality Control (EQC) of global products
- **BIOASTY:** Παροχή εξειδικευμένων υπηρεσιών Βιοκλιματικού σχεδιασμού για την βιωσιμότητα και ανθεκτικότητα του Αστικού Περιβάλλοντος στα πλαίσια της κλιματικής αλλαγής
- **ADD-CROSS:** *Upgrading Aeolus aerosol observational capabilities towards improving air quality and NWP models*
- **NEWTON:** *ImproviNg dust monitoring and forecasting through Aeolus WInd data assimilation*
- **ATLANTAS:** *Assessment of naTural and ANThropogenic AerosolS impact on climate*
- **ASKOS:** *Support to the Aeolus validation and calibration through ground-based observations in the Tropics*
- **CORAL:** *COllocated wind and aerosol pRofiles of Aeolus for the investigation of ocean sea-salt emissions*
- **ΕΔΒΜ34:** *Επίδραση κύριων τύπων αερολυμάτων στην ηλιακή ακτινοβολία: Υπολογισμοί με χρήση λεπτομερούς φασματικού μοντέλου διάδοσης ακτινοβολίας και δεδομένων αερολυμάτων MERRA-2*
- **D-TECT:** *Does dust the triboelectrification affect our climate?*
- **VADAM:** *Validation of ADM-Aeolus L2 aerosol and cloud product employing advanced ground-based lidar Measurements*

- **ACROSS:** *Validation of EarthCARE products towards their homogenization with CALIPSO for consolidating the 3D long-term ESA-LIVAS climatology of aerosols, clouds and radiation*
- **PANACEA:** *Panhellenic infrastructure for Atmospheric Composition and climate change*
- **inDust:** *International Network to Encourage the Use of Monitoring and Forecasting Dust Products*
- **DUST-GLASS:** *Improving global dust prediction and monitoring through data assimilation of satellite-based dust aerosol optical depth*
- **MDRAF:** *Effects of Mediterranean desert dust outbreaks on radiation, atmospheric dynamics and forecasting accuracy of a numerical mesoscale model*
- **ΘΑΛΗΣ:** *Προσδιορισμός των πηγών και των φυσικοχημικών ιδιοτήτων των λεπτόκοκκων και υπερλεπτόκοκκων αιωρούμενων σωματιδίων του ατμοσφαιρικού αερολύματος που επηρεάζουν το κλίμα της Ελλάδας*
- **LIVAS:** *Lidar climatology of vertical aerosol structure for space-based lidar simulation studies*
- **ΔΕΥΚΑΛΙΩΝ:** *Παραγωγή εκπαιδευτικών εργαλείων για την εκπαίδευση μαθητών στην αντιμετώπιση σεισμών και άλλων φυσικών καταστροφών*
- **LIFE+PM3:** *Αιωρούμενα σωματίδια στην Α. Μεσόγειο*
- **ACI-UV:** *Aerosol and Cloud Influence on global surface UV irradiance retrieved from satellite sensors*
- **EPIRUS-AEROSOL:** *Ανάλυση και μελέτη των ιδιοτήτων των αερολυμάτων στην ευρύτερη περιοχή της Ηπείρου και της βορειοδυτικής Ελλάδος με τη χρήση σύγχρονων δορυφορικών δεδομένων*
- **RISKMED:** *Weather Risk Reduction in the Central and Eastern Mediterranean*

3. ΔΙΔΑΚΤΙΚΟ ΕΡΓΟ

3.1 Διδασκαλία

Περίοδος	Τίτλος μαθήματος	Πρόγραμμα σπουδών	Φορέας
2018-2019	Fundamentals of remote sensing	MSc SSTA	ΠΠ/ΕΑΑ
Περιγραφή	<ul style="list-style-type: none"> Εισαγωγή στις βασικές αρχές τηλεπισκόπησης που εφαρμόζονται για την παρακολούθηση των αιωρούμενων σωματιδίων σε επίγειες διατάξεις και δορυφορικά όργανα Οπτικές και μικροφυσικές ιδιότητες αερολυμάτων Αλγόριθμοι ανάκτησης Δορυφορικές παρατηρήσεις Επίγεια δίκτυα μετρήσεων Εφαρμογές 		

Περίοδος	Τίτλος μαθήματος	Πρόγραμμα σπουδών	Φορέας
2017-2018	Fundamentals of remote sensing	MSc SSTA	ΠΠ/ΕΑΑ
Περιγραφή	<ul style="list-style-type: none"> Εισαγωγή στις βασικές αρχές τηλεπισκόπησης που εφαρμόζονται για την παρακολούθηση των αιωρούμενων σωματιδίων σε επίγειες διατάξεις και δορυφορικά όργανα Οπτικές και μικροφυσικές ιδιότητες αερολυμάτων Αλγόριθμοι ανάκτησης Δορυφορικές παρατηρήσεις Επίγεια δίκτυα μετρήσεων Εφαρμογές 		

Περίοδος	Τίτλος μαθήματος	Πρόγραμμα σπουδών	Φορέας
2017-2018	Advanced space applications	MSc SSTA	ΠΠ/ΕΑΑ
Περιγραφή	<ul style="list-style-type: none"> Επίβλεψη μεταπτυχιακών φοιτητών για την εκπόνηση ερευνητικού προγράμματος DUst transport over the tRopical ATlantic OceaN (DURATION) Απεικόνιση της μεταφοράς ερημικής σκόνης στον Τροπικό Ατλαντικό Ωκεανό με τη χρήση παθητικών και ενεργητικών δορυφορικών παρατηρήσεων αερολυμάτων 		

Περίοδος	Τίτλος μαθήματος	Πρόγραμμα σπουδών	Φορέας
2018	Vertical and columnar aerosol measurements	2^ο Θερινό Σχολείο	HAAR
Περιγραφή	<ul style="list-style-type: none"> Κατηγοριοποίηση αερολυμάτων – Τεχνικές ταξινόμησης Βασικές αρχές τηλεπισκόπησης Δορυφορικά όργανα – επίγεια δίκτυα Επεισόδια ερημικής σκόνης (παρατηρήσεις, μοντελοποίηση, επίδραση στο ισοζύγιο της ακτινοβολίας και σε ατμοσφαιρικές διεργασίες). 		

Περίοδος	Τίτλος μαθήματος	Πρόγραμμα σπουδών	Φορέας
2005-2014	Εργαστήριο Φυσικής της Ατμόσφαιρας	Τμήμα Φυσικής	ΠΙ
Περιγραφή	<ul style="list-style-type: none"> Επικουρικό έργο στο προπτυχιακό εργαστηριακό μάθημα «Φυσικής της Ατμόσφαιρας» Διεξαγωγή πειραμάτων σχετικά με: <ul style="list-style-type: none"> Λειτουργία μετεωρολογικών οργάνων 		

- Μετεωρολογικές παρατηρήσεις
- Μεταβολή πίεσης και πυκνότητας με το ύψος
- Υπολογισμός πίεσης και ύψους μέσα στην ατμόσφαιρα
- Θερμοδυναμική της ατμόσφαιρας και νόμοι των αερίων
- Αλλαγές φάσης του νερού και ανταλλαγές θερμότητας

4. ΥΠΟΤΡΟΦΙΕΣ-ΔΙΑΚΡΙΣΕΙΣ

Τίτλος:	<i>Effects of Mediterranean desert dust outbreaks on radiation, atmospheric dynamics and forecasting accuracy of a numerical mesoscale model</i>
Ακρωνύμιο:	MDRAF
Κωδικός:	622662
URL:	CORDIS
Περίοδος:	Μάιος 2014 – Απρίλιος 2016
Πλαίσιο:	FP7-PEOPLE-2013-IEF - Marie-Curie Action: "Intra-European fellowships for career development"
Φορέας Υποδοχής:	Barcelona Supercomputing Center (BSC), Spain
Προϋπολογισμός:	166.336,20 €

Τίτλος:	<i>Improving global dust prediction and monitoring through data assimilation of satellite-based dust aerosol optical depth</i>
Ακρωνύμιο:	DUST-GLASS
Κωδικός:	749461
URL:	CORDIS
Περίοδος:	Μάιος 2017 – Απρίλιος 2019
Πλαίσιο:	H2020-MSCA-IF-2016 Marie Skłodowska-Curie Individual Fellowships
Φορέας Υποδοχής:	National Observatory of Athens (NOA), Greece
Προϋπολογισμός:	164.653,20 €

Τίτλος:	<i>Assessment of natural and Anthropogenic Aerosols impact on climate</i>
Ακρωνύμιο:	ATLANTAS
Κωδικός:	00544
URL:	H.F.R.I.
Περίοδος:	Απρίλιος 2021 – Μάρτιος 2024
Πλαίσιο:	2nd Call for H.F.R.I. Research Projects to support Post-doctoral Researchers
Φορέας Υποδοχής:	National Observatory of Athens (NOA), Greece
Προϋπολογισμός:	189.547,00 €

Τίτλος:	Μοντελοποίηση της επίδρασης πέντε κυρίων τύπων αερολυμάτων στην ηλιακή ακτινοβολία, σε πλανητική κλίμακα, με χρήση ενός μοντέλου διάδοσης ακτινοβολίας και δεδομένων αερολυμάτων από τη βάση δεδομένων MERRA-2
Περίοδος:	Μάρτιος 2020 – Νοέμβριος 2021
Πλαίσιο:	Ανάπτυξη Ανθρώπινου Δυναμικού, Εκπαίδευση και Δια Βίου Μάθηση, Υποστήριξη ερευνητών με έμφαση στους νέους ερευνητές – Κύκλος Β', ΕΣΠΑ 2014-2020
Φορέας Υποδοχής:	Πανεπιστήμιο Ιωαννίνων
Προϋπολογισμός:	50.000 €

5. ΣΥΓΓΡΑΦΙΚΟ ΕΡΓΟ

- Μέλος μεταφραστικής ομάδας (απόδοση στα ελληνικά) του βιβλίου: **Understanding Weather and Climate**, Edward Aguado and James E. Burt, pp. 576, Sixth Edition, Prentice Hall¹. [Επιμέλεια: Καθ. Αριστείδης Μπαρτζώκας, Επ. Καθ. Χρήστος Λώλης, Εκδοτικός οίκος: [IQN](#)].

6. ΕΠΙΣΤΗΜΟΝΙΚΟ ΕΡΓΟ

6.1 Διδακτορική Διατριβή

Ίδρυμα	Πανεπιστήμιο Ιωαννίνων
Τμήμα	Φυσικής
Τίτλος	Μελέτη επεισοδίων αερολυμάτων στην ευρύτερη περιοχή της λεκάνης της Μεσογείου με τη χρήση σύγχρονων δορυφορικών δεδομένων
Επιβλέπων:	Νίκος Χατζηαναστασίου
Σύνδεσμος:	https://www.didaktorika.gr/eadd/handle/10442/30067

6.2 Δημοσιεύσεις σε διεθνή περιοδικά με κριτές

1. A.K. Gupta, J.F. Kok, V. Amiridis, **A. Gkikas**, K. Rizos, E. Proestakis, S.-A. Logothetis, E. Marinou, and C. Pérez García-Pando: «**A global decline in atmospheric dust during the 21st century**», Sci. Adv., 12, <https://doi.org/10.1126/sciadv.aef5691>, 2026.
2. A. Papetta, C. Herrero del Barrio, S.Y. Aslanoğlu, R.-T. Chadoulis, G. Charalampous, S. Herrero-Anta, D. Kouklaki, M. Mytilinaios, A. Moustaka, E. Proestakis, V. Amiridis, C. Spyrou, **A. Gkikas**, M. Pikridas, M. Kezoudi, F. Marengo, J. Sciare, S. Vandenbussche, S. Solomos, S. Kazadzis, and I. Fountoulakis: «**Source-Dependent Optical and Mineral Signatures of Dust Outbreaks over the Mediterranean**», Atmos. Chem. Phys., 26, 12395–12434, <https://doi.org/10.5194/acp-26-12395-2026>, 2026.
3. N. Papadimitriou, I. Fountoulakis, **A. Gkikas**, K. Papachristopoulou, A. Kazantzidis, S. Kazadzis, S. Pfenninger, J. Kapsomenakis, K. Eleftheratos, A.A. Argiriou, L. Doppler, and C.S. Zerefos: «**PV power modelling using solar radiation from ground-based measurements and CAMS**»

- Assessing the diffuse component related uncertainties leveraging the Global Solar Energy Estimator (GSEE)**», *Atmos. Meas. Tech.*, 19, 1227–1244, <https://doi.org/10.5194/amt-19-1227-2026>, 2026.
4. A. Moustaka, N. Siomos, S. Kazadzis, E. Proestakis, K.A. Voudouri, A. Lopatin, O. Dubovik, K. Tourpali, C. Zerefos, V. Amiridis, and **A. Gkikas**: **«Enhancing dust aerosols monitoring capabilities across North Africa and the Middle East using the A-Train satellite constellation**», *Atmos. Meas. Tech.*, 19, 1201–1225, <https://doi.org/10.5194/amt-19-1201-2026>, 2026. **[Highlight paper]**
 5. K. Rizo, E. Proestakis, T. Georgiou, **A. Gkikas**, E. Marinou, P. Paschou, K.A. Voudouri, A. Tsikerdekis, D.P. Donovan, G.-J. van Zadelhoff, A. Benedetti, H. Baars, A. Floutsi, N. Benas, M. Stengel, C. Retscher, E. Malina, and V. Amiridis: **«Derivation and validation of a refined dust product from Aeolus (L2A+)»**, *Atmos. Meas. Tech.*, 19, 699–728, <https://doi.org/10.5194/amt-19-699-2026>, 2026.
 6. P. Paschou, N. Siomos, E. Marinou, **A. Gkikas**, S. M. Idrissa, D. T. Quaye, D.D. Fiogbe Attannon, K.A. Voudouri, C. Meleti, D.P. Donovan, G. Georgoussis, T. Parrinello, T. Fehr, J. von Bismarck, and V. Amiridis: **«Validation of the Aeolus L2A products with the eVe reference lidar measurements from the ASKOS/JATAC campaign»**, *Atmos. Meas. Tech.*, 18, 4731–4754, <https://doi.org/10.5194/amt-18-4731-2025>, 2025.
 7. E. Proestakis, K. Papachristopoulou, T. Georgiou, S.E. Chatoutsidou, M. Lazaridis, **A. Gkikas**, I. Fountoulakis, I. Tsikoudi, M.P. Petrakis, and V. Amiridis: **«Atmospheric dust and air quality over large-cities and megacities of the world»**, *Atmos. Chem. Phys.*, 25, 14777–14823, <https://doi.org/10.5194/acp-25-14777-2025>, 2025.
 8. E. Proestakis, V. Amiridis, C.P. García-Pando, S. Tsyro, J. Griesfeller, **A. Gkikas**, T. Georgiou, M.G. Ageitos, J. Escribano, S. Myriokefalitakis, E.B. Masso, E. Di Tomaso, S. Basart, J.-B. W. Stuut, and A. Benedetti: **«Quantifying dust deposition over the Atlantic Ocean»**, *Earth Syst. Sci. Data*, 17, 4351–4395, <https://doi.org/10.5194/essd-17-4351-2025>, 2025.
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- P. Kalabokas, P. Zanis, M. Vrekoussis, A. Papayannis, A. Kazantzidis, K. Kourtidis, D. Balis, A. F. Bais, C. Zerefos: «**Natural Aerosols, Gaseous Precursors and Their Impacts in Greece: A Review from the Remote Sensing Perspective**», *Atmosphere*, 15(7), 753; <https://doi.org/10.3390/atmos15070753>, 24, 2077–2097, 2024.
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6.3 Μετρητικοί δείκτες

Σύνολο **63** δημοσιεύσεις σε περιοδικά με κριτές

- Σε **16** εργασίες ως πρώτο/δεύτερο όνομα (**25%**)
- Σε **3** εργασίες ως τελευταίο όνομα (**5%**)
- **1773** αναφορές, h-index: **25**, Πηγή: **Web of Science** [Τελευταία ενημέρωση: 19/10/2026]
- **1910** αναφορές, h-index: **26**, Πηγή: **Scopus** [Τελευταία ενημέρωση: 19/10/2026]
- **2620** αναφορές, h-index: **29**, Πηγή: **Google Scholar** [Τελευταία ενημέρωση: 19/10/2026]

Web of Science

Web of Science Core Collection metrics

Citation counts are from Web of Science Core Collection.

67

Publications

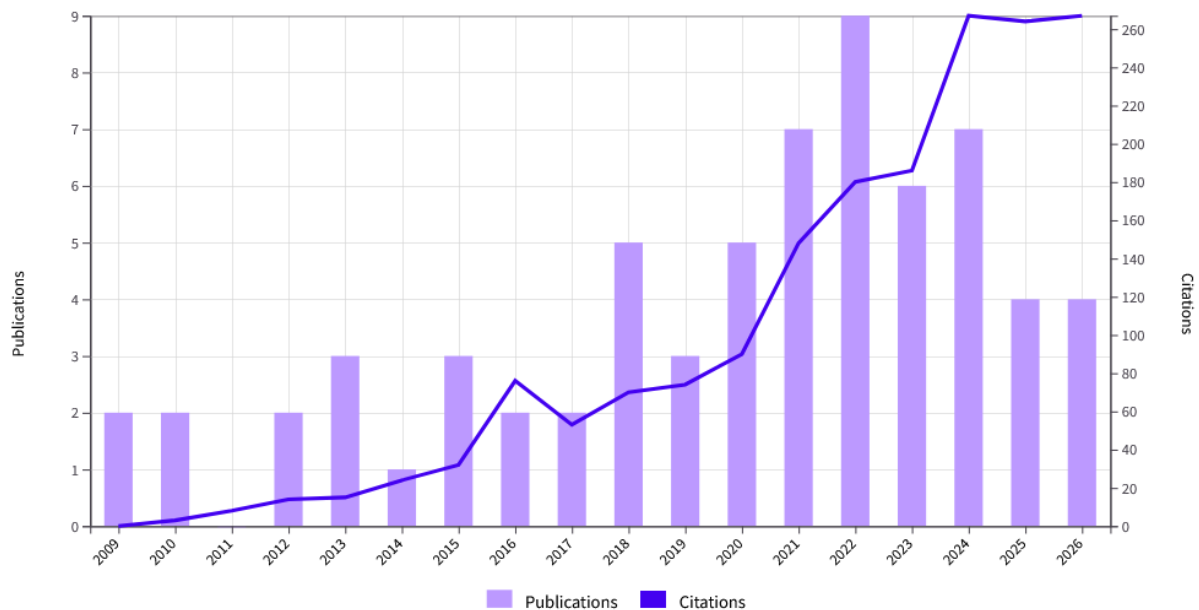
1,773

Sum of Times
Cited

25

H-Index

Times Cited and Publications Over Time



Σχήμα 1: Αναλυτικά στοιχεία αναγνώρισης επιστημονικού έργου (Πηγή: *Web of Science*; Τελευταία ενημέρωση: 19/10/2026).

Scopus

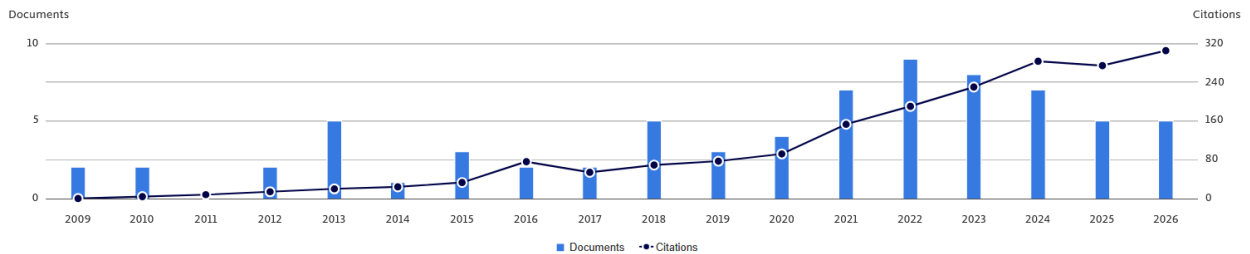
Citation overview

Gkikas, Antonis

64 Documents 1,910 Citations 26 h-index

Date range: 2009 to 2026

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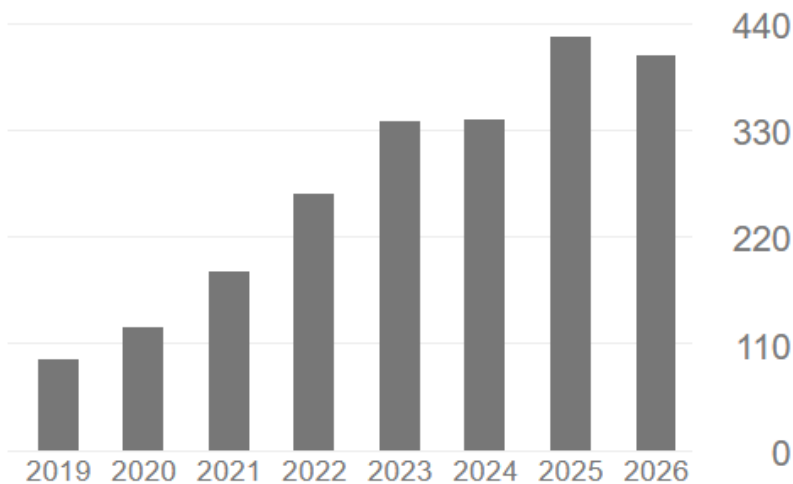
Σχήμα 2: Αναλυτικά στοιχεία αναγνώρισης επιστημονικού έργου (Πηγή: *Scopus*; Τελευταία ενημέρωση: 19/10/2026).

Google Scholar

Cited by

VIEW ALL

	All	Since 2021
Citations	2620	1979
h-index	29	26
i10-index	51	48



Σχήμα 3: Αναλυτικά στοιχεία αναγνώρισης επιστημονικού έργου (Πηγή: *Google Scholar*; Τελευταία ενημέρωση: 19/10/2026).

6.4 Ανακοινώσεις σε επιστημονικά συνέδρια

1. A. K. Gupta, J. F. Kok, R. Bennartz, V. Amiridis, A. Gkikas, K. Rizos, E. Proestakis, and C. P. García-Pando: **«What's Driving the Global Decline in Mineral Dust Emissions during the early 21st Century?»**, 107th Annual Meeting American Meteorological Society, 10 - 14 January 2027, Denver, USA, 2027.
2. A. K. Gupta, J. F. Kok, V. Amiridis, A. Gkikas, K. Rizos, E. Proestakis, S. Logothetis, E. Marinou and C. P. García-Pando: **«A global decline in atmospheric dust during the 21st century »**, 107th Annual Meeting American Meteorological Society, 10 - 14 January 2027, Denver, USA, 2027.
3. S.Bojinski, D. Leskow-Czyżewska, R. Skujina, N. Marsico, A.-M. Sundström, A. Gkikas, N. Fazzini, A. Vecoli: **«Better exploitation of atmospheric composition satellite data in applications: the EUMETSAT user engagement»**, EUMETSAT Meteorological Satellite Conference 2026, 21 - 25 September 2026, Darmstadt, Germany, 2026.
4. S. Solomos, C. Zerefos, A. Gkikas, I. Fountoulakis, J. Kapsomenakis, P. Katsafados and K. Eleftheratos: **«A modelling study on urban scale circulation, sea-breeze front and the possible origin of the unknown odor that affected Athens on 19 May 2026»**, MedCLIVAR2026, 21-25 September 2026, Limassol, Cyprus, 2026.
5. N. Marsico, A.-M. Sundström, D. Leskow-Czyżewska, N. Fazzini, A. Gkikas, A. Vecoli, S.-A. Logothetis, S. Bojinski, and R. Skujina: **«EUMETSAT Training Resources for Atmosphere Fires and Dust»**, European Meteorological Society, 6 - 11 September 2026, Utrecht, Netherlands, 2026.
6. N. Papadimitriou, I. Fountoulakis, S. Misios, A. Gkikas, J. Kapsomenakis, S. Kazadzis, A. Kazantzidis, and C. S. Zerefos: **«Impact of Climate Change on Solar PV power potential in the Eastern Mediterranean and Middle East»**, The European Conference on Sun Protection, EuroSun2026, 27 - 28 May 2026, Basel, Switzerland, 2026.
7. F. Mavroudis, A. Gkikas, D. Barahona, M. G. Ageitos, D. M. Leung, C. P. García-Pando, O. W. Haugvaldstad, G. Sotiropoulou: **«How well do climate models represent dust events over the Mediterranean, North Africa, and the Middle East?»**, EGU2026, 3 – 8 May 2026, Vienna, Austria, 2026.
8. A. Poupkou, I. Fountoulakis, N. Kalligeris, J. Kapsomenakis, N. Melis, S. Solomos, D. Athanasoulis, K. Boukouras, K. Douvis, C. Gkarlaouni, A. Gkikas, P. Kalabokas, V. Koufolia, K. Lentas, E. Liadopoulos, C. Maris, N. Papadimitriou, C. Spyrou, T. Stavraka, C. Synolakis, T. Vakoulis, C. S. Zerefos: **«An Emblematic, Transdisciplinary, and Multi-Hazard Monitoring Infrastructure on Delos Island (Greece) for the Protection of UNESCO World Heritage Monuments from Climate Change»**, EGU2026, 3 – 8 May 2026, Vienna, Austria, 2026.
9. P. Kalabokas, C. Douvis, J. Kapsomenakis, A. Gkikas, D. Boulanger, V. Thouret: **«Upper tropospheric ozone variability over Greece»**, EGU2026, 3 – 8 May 2026, Vienna, Austria, 2026.

10. A. Moustaka, A. Gkikas, S.-A. Logothetis, J. Flemming, S. Rémy, M. Ades, K. Tourpali, V. Amiridis, and S. Kazadzis: «**Impact of Satellite AOD Assimilation on Aerosol Optical Depth and Long-Term Trends in CAMS reanalysis**», EGU2026, 3 – 8 May 2026, Vienna, Austria, 2026.
11. N. Papadimitriou, I. Fountoulakis, K. Douvis, S. Misios, A. Gkikas, S. Kazadzis, A. Kazantzidis, and C. S. Zerefos: «**Projected variability of PV energy production in the Eastern Mediterranean and Middle East: Assessing the impact of atmospheric aerosols**», EGU2026, 3 – 8 May 2026, Vienna, Austria, 2026.
12. A. Moustaka, A. Gkikas, S.-A. Logothetis, J. Flemming, S. Rémy, M. Ades, K. Tourpali, V. Amiridis, and S. Kazadzis: «**Two Decades of Aerosol Trends: Insights from CAMS reanalysis**», ACTRIS Science Conference 2026 | April 20-23, 2026 - Oslo, Norway, 2026.
13. N. Siomos, A. Moustaka, A. Gkikas, K.A. Voudouri, and S. Kazadzis: «**A methodology to calculate the columnar particle lidar ratio from Klett backscatter profiles and co-located aerosol optical depth data: Applications in satellite remote sensing**», ACTRIS Science Conference 2026 | April 20-23, 2026 - Oslo, Norway, 2026.
14. S.-A. Logothetis, A. Gkikas, N. Papadimitriou, I. Fountoulakis, S. Kazadzis, A. Kazantzidis, C. Lolis, E. Houssos, S. Misios, A. Moustaka, J. Kapsomenakis, S. Solomos, C. Zerefos: «**Dust trends in the Eastern Mediterranean and their potential links to solar energy production**», Task 16, IEA, PVPS, 27-29/4/2026, Athens.
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16. A. Kumar Gupta, J. F. Kok, V. Amiridis, A. Gkikas, C. P. García-Pando, E. Proestakis, K. Rizos, S.-A. Logothetis, and E. Marinou: «**Reconstructing the 21st-Century dust cycle: Observational constraints and inverse modeling Insights**», AGU2025, 15 – 19 December 2025, New Orleans, Louisiana, USA, 2025.
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18. P. Paschou, E. Marinou, K.A. Voudouri, N. Siomos, A. Gkikas, J. von Bismarck, T. Fehr, V. Amiridis: «**Using the ESA eVe reference lidar for the cal/val of lidar instruments onboard ESA satellite missions**», COMECAP 2025, 28 September – 1 October 2025, Nicosia, Cyprus, 2025.
19. A.G. Progiou, I. Polychroni, M.-P.P. Nastou, I. Charalampopoulos, C. Benetatos, A. Gkikas, C. Spyrou, S. Solomos, K. Eleftheratos, S. Zerefos, P.T. Nastos: «**BIOASTY: Sustainable Urban Design for Climate Resilience**», COMECAP 2025, 28 September – 1 October 2025, Nicosia, Cyprus, 2025.

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23. A. Gkikas, S.-A. Logothetis, S. Mantovani, A. Vecoli, A.-M. Sundström, J. Chimot, S. Jafariserajehlou, D. Leskow-Czyzewska, F. Fierli: **«Long-term aerosol trends in North Africa, Middle East and the Mediterranean as observed by diverse spaceborne EO datasets»**, EUMETSAT Meteorological Satellite Conference 2025, 15-19 September, Lyon, France, 2025.
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25. A. Papetta, C. Herrero-de-Aza, Y. Aslanoglu, R.T. Chadoulis, G. Charalambous, S. Herrero, D. Kouklaki, M. Mytilinaios, A. Moustaka, E. Proestakis, S. Vandenbussche, F. Marengo, M. Pikridas, A. Gkikas, I. Fountoulakis, S. Solomos and S. Kazadzis: **«Variability of Dust Optical Properties during Severe Dust Events over the Mediterranean»**, European Aerosol Conference, EAC2025, 31 August – 5 September 2025, Lecce, Italy, 2025.
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27. N. Papadimitriou, I. Fountoulakis, A. Gkikas, K. Papachristopoulou, J. Kapsomenakis, S. Kazadzis, A. Kazantzidis, and C. S. Zerefos: **«Using the CAMS solar radiation time-series product to model solar PV power potential. Uncertainty evaluation under diverse atmospheric conditions using ground-based measurements»**, EGU General Assembly 2025, 27 April – 2 May 2025, Vienna, Austria, 2025.
28. I. Fountoulakis, N. Melis, S. Solomos, J. Kapsomenakis, A. Poupkou, N. Kalligeris, C. Maris, D. Athanasoulis, K. Boukouras, K. Douvis, C. Garlaouni, A. Gkikas, P. Kalabokas, K. Lentas, E. Liadopoulos, N. Papadimitriou, C. Spyrou, T. Stavraka, C. Synolakis, T. Vakoulis, C. S. Zerefos: **«Protecting Natural Heritage from Climate**

- Change Impacts: The establishment of an emblematic transdisciplinary monitoring facility in Delos, Greece»,** EGU General Assembly 2025, 27 April – 2 May 2025, Vienna, Austria, 2025.
29. S. Yeşer Aslanoglu, R.-T. Chadoulis, G. Charalampous, S. Herrero-Anta, C. H. del Barrio, D. Kouklaki, A. Moustaka, M. Mytilinaios, A. Papetta, N. Papadimitriou, S. Solomos, A. Gkikas, C. Spyrou, S. Vandenbussche, M. Proestakis, I. Fountoulakis: **«Intense dust events over the Mediterranean Basin and their impact on PV power potential»,** EGU General Assembly 2025, 27 April – 2 May 2025, Vienna, Austria, 2025.
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7. ΑΚΑΔΗΜΑΪΚΗ ΚΑΘΟΔΗΓΗΣΗ ΝΕΩΝ ΕΡΕΥΝΗΤΩΝ

- Συνεπίβλεψη της διδακτορικής διατριβής του Υπ. Διδάκτορα Riccardo Ratta (Τμήμα Φυσικής και Γεωπιστημών, Πανεπιστήμιο της Φεράρα)
 - Τίτλος διατριβής: **Super-Resolution Techniques based on Artificial Intelligence for Remote Sensing**
 - Συνεπιβλέπων Καθηγητής: *Sebastiano Fabio Schifano*
- Συνεπίβλεψη της μεταπτυχιακής διατριβής του μεταπτυχιακού φοιτητή Φαίδωνα Μαυρουδή (Τμήμα Φυσικής, Εθνικό Καποδιστριακό Πανεπιστήμιο Αθηνών)
 - Τίτλος διατριβής: **Μελέτη των επεισοδίων ερημικής σκόνης στη Μεσόγειο, τη Βόρεια Αφρική και τη Μέση Ανατολή με τη χρήση κλιματικού μοντέλου και δορυφορικών παρατηρήσεων**
 - Συνεπιβλέπουσα Καθηγήτρια: *Γεωργία Σωτηροπούλου (Επ. Καθηγήτρια)*
- Μέλος της εξεταστικής επιτροπής κατά την υποστήριξη της διδακτορικής διατριβής της Υπ. Διδ. Άννας Μουστάκα. Τίτλος διατριβής: **«Χαρακτηρισμός οπτικών ιδιοτήτων αερολυμάτων, των τάσεων και των επιδράσεων τους στην ακτινοβολία από περιοχική έως παγκόσμια κλίμακα με τη χρήση πολλαπλών αισθητήρων»**, Σχολή Θετικών Επιστημών, Τμήμα Φυσικής, Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης.

- Μέλος της εξεταστικής επιτροπής κατά την υποστήριξη της διδακτορικής διατριβής του Υπ. Διδ. Χαρίλαου Μπενετάτου. Τίτλος διατριβής: «**Changes in upper tropospheric humidity and their impact on cirrus clouds**», Σχολή Θετικών Επιστημών, Τμήμα Γεωλογίας και Γεωπεριβάλλοντος, Εθνικό Καποδιστριακό Πανεπιστήμιο Αθηνών.
- Μέλος της Ομάδας Υποστήριξης Έρευνας και Εκπαίδευσης (Research & Training Support Group-RTSG) του Υπ. Διδ. Miguel Huerta Gómez. Τίτλος διατριβής: «**Identification of dust properties from different sources using sun-photometry and their effects on spectral solar irradiance**». **Επιβλέποντες:** Stelios Kazadzis (PMOD/WRC), Martin Wild (ETH).

8. ΜΕΛΟΣ ΕΠΙΤΡΟΠΩΝ ΕΡΕΥΝΑΣ

- Μέλος της Επιτροπής Αξιολόγησης Ερευνητικών Προγραμμάτων του Συμβουλίου Έρευνας της Φιλανδίας. RC25_02 Atmospheric Sciences Review Panel – Research Council of Finland, 2025.
- Μέλος της Επιτροπής Αξιολόγησης Ερευνητικών Προγραμμάτων του Συμβουλίου Έρευνας της Φιλανδίας. RC26_02 Atmospheric Sciences Review Panel – Research Council of Finland, 2026.

9. ΔΙΟΙΚΗΤΙΚΟ ΕΡΓΟ

- Υπεύθυνος διαχείρισης δεδομένων του Κέντρου Ερέυνης Φυσικής της Ατμοσφαιράς και Κλιματολογίας (2026 –)
- Αναπληρωτής Γραμματέας του Τεχνικού Συμβουλίου της Ακαδημίας Αθηνών (2025 – 2028).

10. ΠΡΟΣΚΕΚΛΗΜΕΝΟΣ ΟΜΙΛΗΤΗΣ

1. **Antonis Gkikas**, Anna Gialitaki, George Papangelis, Pantelis Kiriakidis, Eleni Drakaki, Emmanouil Proestakis, Anna Kampouri, Eleni Marinou, Nikolaos Siomos, Peristera Paschou, Panagiotis Kosmopoulos, Kalliopi-Artemis Voudouri, Christiana Papanikolaou, Maria Mylonaki, Dimitris Balis, Alexandros Papayannis, Jonilda Kushta, Theodoros Christoudias, Christos Spyrou, Angela Benedetti, Michael Rennie, Anne Grete Straume, Christian Retscher, Alexandru Dandocsi, Jean Sciare, Vassilis Amiridis: «**Aeolus L2A Cal/Val studies in the framework of the Greek ACTRIS RI and exploitation of wind profiles assimilation towards advancing regional dust forecasts**», *3rd Aeolus L2A virtual working meeting*, 16th December 2021. [[link](#)]
2. **Antonis Gkikas**: «**MIDAS global dust optical depth dataset: Development and applications**», *inDust webinars*, April 2021. [[link](#)]

3. **Antonis Gkikas:** «Dust climatology from remote sensing observations», *HARMONIA WP3 Workshop*, September 2023. [[link](#)]
4. **Antonis Gkikas:** «Monitoring dust aerosols from space across various spatiotemporal scales», Ομιλία σε προπτυχιακούς και μεταπτυχιακούς φοιτητές του Τμήματος Φυσικής, Πανεπιστήμιο Πατρών, Νοέμβριος 2024.
5. **Antonis Gkikas,** Stavros-Andreas Logothetis, Stelios Kazadzis, Andreas Kazantzidis, Christos Lolis, Elias Houssos, Stergios Misios, Anna Moustaka, John Kapsomenakis, Stavros Solomos, Ilias Fountoulakis, Vassilis Amiridis, Christos Zerefos: «Long-term variability of dust burden in the Eastern Mediterranean: Trends and driving mechanisms», *HARMONIA-COST WG3 Meeting, Limassol, Cyprus, 16-17 June 2025*.

11. ΣΥΜΜΕΤΟΧΗ ΣΕ ΠΕΙΡΑΜΑΤΙΚΕΣ ΕΚΣΤΡΑΤΕΙΕΣ

- **ΘΑΛΗΣ:** «Προσδιορισμός των πηγών και των φυσικοχημικών ιδιοτήτων των λεπτόκοκκων και υπερλεπτόκοκκων αιωρούμενων σωματιδίων του ατμοσφαιρικού αερολύματος που επηρεάζουν το κλίμα της Ελλάδας» (Χειμερινή περίοδος, 2013-2014).
 - Εγκατάσταση οργάνων στην πόλη των Ιωαννίνων για την μέτρηση σωματιδιακών ρύπων σε αστικό περιβάλλον
 - Δειγματοληψία φίλτρων
 - Ανάλυση δεδομένων
- **ASKOS:** «Support to the Aeolus Validation and Calibration Through Ground Based Observations in the Tropics» (Ιούνιος-Ιούλιος 2020, Πράσινο Ακρωτήριο).
 - Αξιολόγηση των δορυφορικών παρατηρήσεων AEOLUS
 - Επικεφαλής του Πακέτου Εργασίας: Synthesis of Reports and Recommendations

12. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΠΙΣΤΗΜΟΝΙΚΕΣ ΕΠΙΤΡΟΠΕΣ ΣΥΝΕΔΡΙΩΝ

- Nomination as a judge for the Outstanding Student and PhD candidate Presentation (OSPP) Award contest at the [EGU General Assembly 2022](#).
- Member of the [scientific committee](#) of the [Aeolus 3rd Anniversary Conference](#) [28th – 1st April 2022, Taormina, Italy]

- Co-chair of the [Science#2 session](#) in the [Aeolus 3rd Anniversary Conference](#) [28th – 1st April 2022, Taormina, Italy]
- Co-chair of the [Aerosols and data assimilation](#) Session in the EUMETSAT Meteorological Satellite Conference [19-23 September 2022, Brussels, Belgium]

13. ΣΥΜΜΕΤΟΧΗ ΣΕ ΕΝΩΣΕΙΣ

- Μέλος της Ελληνικής Μετεωρολογικής Εταιρείας (EMTE)
- Μέλος της European Geosciences Union (EGU)
- Μέλος της American Geoscience Union (AGU)
- Μέλος της Ελληνικής Εταιρείας Έρευνας Αερολυμάτων (ΕΕΕΑ)
- Μέλος του Συλλόγου Αποφοίτων Τμήματος Μηχανικών Φυσικών Πόρων και Περιβάλλοντος

14. ΣΥΝΕΡΓΑΣΙΕΣ

- European Space Agency (ESA)
- European Center of Mesoscale Weather Forecasts (ECMWF)
- European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT)
- Royal Netherlands Meteorological Institute (KNMI)
- Barcelona Supercomputing Center (BSC)
- Leibniz Institute for Tropospheric Research (TROPOS)
- Cyprus Institute (Cyl)
- University of California, Los Angeles (UCLA)
- Institute of Environmental Assessment and Water Research (IDAEA-CSIC)
- Πανεπιστήμιο Ιωαννίνων (Τμήμα Φυσικής, Παιδαγωγικό Τμήμα)
- Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης (Τμήμα Φυσικής)
- Πανεπιστήμιο Ιωαννίνων
- Πανεπιστήμιο Πατρών
- Εθνικό Μετσόβιο Πολυτεχνείο (ΣΕΜΦΕ)
- Πανεπιστήμιο Αιγαίου (Τμήμα Περιβάλλοντος)
- Ακαδημία Αθηνών
- Πανεπιστήμιο Κρήτης (Τμήμα Χημείας)
- Ινστιτούτο Ερευνών Περιβάλλοντος και Βιώσιμης Ανάπτυξης (ΙΕΠΒΑ/ΕΑΑ)
- Ινστιτούτο Αστρονομίας, Αστροφυσικής, Διαστημικών Εφαρμογών και Τηλεπισκόπησης (ΙΑΑΔΕΤ/ΕΑΑ)

- Meteorological Environmental Earth Observation (MEE0)
- EvenFlow
- Finnish Meteorological Institute (FMI)
- Εθνικό Καποδιστριακό Πανεπιστήμιο Αθηνών (ΕΚΠΑ) – Τμήμα Φυσικής