



Academic Personnel Short Profile / Short CV

University:	Cyprus University of Technology
Surname:	Antoniou
Name:	Maria G.
Rank/Position:	Assistant Professor
Faculty:	Faculty of Geotechnical Sciences and Environmental Management
Department:	Environmental Science and Technology
Scientific Domain: *	Water Treatment

* *Field of Specialization*

Academic qualifications (list by highest qualification)

Qualification	Year	Awarding Institution	Department	Thesis title (Optional Entry)
PhD	2010	University of Cincinnati	Civil and Environmental Engineering	<i>Mechanistic Studies on the Degradation of Cyanobacterial Toxins and Other Nitrogen containing Organic contaminants with Hydroxyl Radical and Sulfate Radical-based Advanced Oxidation Technologies</i>
BSc	2002	University of Cyprus	Chemistry	Method Validation for Boron Detection

Employment history in Academic Institutions/Research Centers – List by the three (3) most recent

Period of employment		Employer	Location	Position
From	To			

Oct 2009	Oct 2011	Technical University of Denmark	Lyngby, Denmark	Post-doc
Nov 2004	Dec 2009	US. Environmental Protection Agency	Cincinnati, OH	Guest Research

Key <u>refereed</u> journal papers, monographs, books, conference publications etc. List the five (5) more recent and other five (5) selected –(max total 10)						
Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2022	Calcium peroxide (CaO ₂) granules enclosed in fabrics as an alternative H ₂ O ₂ delivery system to combat <i>Microcystis sp.</i>	Eleni Keliri, Panayiota Adamou, Nektarios Efstathiou, Despoina Kokkinidou, Konstantinos Kapnisis, Andreas S. Anayiotos, Hanna Mazur-Marzec, and <u>Maria G. Antoniou</u>	<i>Chemical Engineering Journal Advances</i>	11	10031-8
2	2021	Occurrence of a single-species cyanobacterial bloom in a lake in Cyprus: monitoring and treatment with hydrogen peroxide-releasing granules	Eleni Keliri, Christia Paraskeva, Angelos Sofokleous, Assaf Sukenik, Dariusz Dziga, Ekaterina Chernova, Luc Brient, and <u>Maria G. Antoniou</u>	<i>Environmental Sciences Europe</i>	33	31
3	2021	Sustainable and Green Decomposition of Various Cyanotoxins and Cyanobacteria through New Photocatalytic Materials Development.	Hyeok Choi, Changseok Han, <u>Maria G. Antoniou</u> ,	<i>Current Opinion in Green and Sustainable Chemistry</i>	28	1-10
4	2021	Natural fluorescence emission - an indirect measurement of	A. Spiliotopoulou, <u>M. G. Antoniou</u> , and H. R.	<i>Environmental Technology</i>	42	584-596

		applied ozone doses in polished for pharmaceuticals wastewater	Andersen			
5	2018	Enhancing photocatalytic degradation of the cyanotoxin microcystin-LR with the addition of sulfate-radical generating oxidants	<u>Maria. G. Antoniou</u> , I. Boraie, M. Solakidou, Y. Deligiannakis, M. Abhishek, C. Edwards, and L.A. Lawton	Journal of Hazardous Materials	360	1461-1470
6	2018	Temperature effects explain continental scale distribution of cyanobacterial toxins	E. Mantzouki, M. Lüring, J. Fastner, , M.G. Antoniou, N. Tsiarta, ... H.W. Paerl, C.C. Carey, B.W. Ibelings	Toxins	10	156
7	2015	Comparison of UVC/S ₂ O ₈ ²⁻ with UVC/H ₂ O ₂ in terms of efficiency and cost for the treatment of a specific ground water	<u>Maria. G. Antoniou</u> , and Henrik R. Andersen	Chemosphere	119	S81-S88
8	2013	Required ozone doses for removing pharmaceuticals from wastewater effluents	Maria. G. Antoniou, Gerly Hey, Sergio Rodríguez-Vega, Aikaterini Spiliotopoulou Jerken Fick, Mats Tysklind, Jes la Cour Jansen, and Henrik R. Andersen	Science of the Total Environment	456-457	42-49
9	2012	Effect of pH on the formation of disinfection byproducts in pool water – Is less THMs better?,	Kamilla M. S. Hansen, Sarah Willach, Maria G. Antoniou, Hans Mosbæk, Hans-Jørgen Albrechtsen and Henrik R. Andersen	Water Research	46	6399-6409
10	2010	Degradation of microcystin-LR using sulfate radicals generated through photolysis, thermolysis and e- transfer mechanisms	Maria G. Antoniou, Armah. A. de la Cruz, and Dionysios D. Dionysiou	Applied Catalysis B: Environmental	96	290-298

**Exhibitions (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10)**

Ref. Number	Date	Topic	International / Local	Location*	Role in Exhibition
1	09/2022	Ioannis A. Fotidis, Nomiki I. Kallikazarou and <u>Maria G. Antoniou</u> . Sustainable utilization of pig slurry during anaerobic digestion on struvite crystallization. HAICTA 2022, 10 th International Conference on ICT in Agriculture, Food & Environment, September 22-25, 2022, Athens, Greece	International	Greece	Oral Presentation
2	09/2022	E. Keliri, P. Adamou, N. Efstathiou, and <u>M. G. Antoniou</u> , CaO ₂ granules enclosed in fabrics (GEF) as an eco-friendly H ₂ O ₂ delivery system to mitigate harmful cyanobacterial blooms, Oral Presentation, ACS Fall Meeting 2022, 21-25 August 2022, Online - Hybrid.	International	Hybrid/USA	Oral Presentation
3	05/2022	<u>Maria G. Antoniou</u> , Eleni Keliri, Panayiota Adamou, and Nektarios Efstathiou, Calcium peroxide (CaO ₂) granules enclosed in textile materials as H ₂ O ₂ delivery systems to mitigate Microcystis sp. blooms, 12 th International Conference on Toxic Cyanobacteria (ICTC), Toledo, USA, 22-26 May, 2022 (accepted for poster).	International	USA	Poster Presentation
4	06/2022	E. Keliri, P. Adamou, N. Efstathiou, D. Kokkinidou, A. Anayiotos, <u>M. G. Antoniou</u> , Calcium Peroxide granules (CaO ₂) enclosed in textile materials as H ₂ O ₂ delivery systems to mitigate <i>Microcystis sp.</i> , 13 th	National	Greece	Oral Presentation

		National (Pan-Hellenic) Conference on Chemical Engineering, Patra, Greece, 2-4 June, 2022 (Accepted for oral presentation).			
5	12/2021	E. Keliri, P. Demosthenous, A. Hadjiantonis, <u>M. G. Antoniou</u> , CYANOBOX- Automated <i>in-situ</i> cyanotoxin assessment toolbox for real-time surface water monitoring, Pacifichem 2021, Honolulu, Hawaii, 16-21 December 2021, Oral presentation.	International	Hybrid/USA	Oral Presentation
6	07/2021	E. Keliri, D. Dzinga, H. Mazure-Marzec, <u>M. G. Antoniou</u> , Case study of Athalassa Lake, Cyprus: Fish kills, cyanobacterial blooming, and treatment with hydrogen peroxide, Lahti Lakes Online Symposium, 7-9 June 2021, Lahti, Finland, Accepted for Flash poster presentation.	International	Finland	Flash Poster Presentation
7	03/2021	<u>M.G. Antoniou</u> , N. Kallikazarou, E. Constantinide, L. Koutsokeras, G. Constantinides, G.E. Zoi and G. Armenis, Sustainable livestock waste management for the production of high value biofertilizers and putative uses in agriculture. Accepted for Poster Presentation, 3 rd International Symposium on Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture (HYDRO2020), 19-21 March 2021, Virtual due to COVID-19 restrictions.	International	Virtual	Oral Presentation
8	12/2022	E. Keliri, P. Demosthenous, A. Hadjiantonis, <u>M. G. Antoniou</u> ,	National	Cyprus	Oral Presentation

		CYANOBOX- Automated <i>in-situ</i> cyanotoxin assessment toolbox for real-time surface water monitoring, Oral Presentation, 1 st Doctoral Colloquium, 7 December 2019, Nicosia, Cyprus.			
9	12/2019	N. Kallikazarou, E. Constantinide, and M. G. Antoniou, Improving innovation capacities of private and public actors for sustainable and profitable recycling of livestock waste. Poster presentation, International Conference on Sustainable Biowaste Management, BIOMA project, INTERREG V-A Greece – Cyprus, 6 th of December, 2019, Limassol, Cyprus	International	Cyprus	Poster Presentation
10	05/2019	N. Tsiarta, E. Mantzouki, M. Schuurmans, E. Suarez, P. M. Visser, B. W. Ibelings and J. Huisman, Defining the mode of interaction between temperature and phosphate in promoting cyanobacterial growth. Poster Presentation, 11 th International Conference on Toxic Cyanobacteria (ICTC2019), 5-10 May, 2019, Krakow, Poland.	International	Poland	Poster Presentation

**Specify venue, geographic location etc*

Research Projects. List the five (5) more recent and other five (5) selected (max total 10)				
Ref. Number	Date	Title	Funded by	Project Role*
1	March 2022	EXCELLENCE/0421/0212, A sustainable and innovative management system for toxic cyanobacteria blooming of surface waters with combined energy production,	RIF	PI

		sustainable agriculture, and food safety, CYanoTech,		
2	December 2020	Cyprus Seeds CYanoConS II, CYPRUS SEEDS 2nd cycle funding, Novel physical-chemical oxidation processes for mitigating toxic cyanobacterial blooming	Cyprus Seeds	PI
3	November 2020	Quantification kit for oxidant X for field and lab applications (POXi KIT), INDUSTRIAL-PROPERTY/0717/003, RIF, CY	RIF	PI
4	March 2019	Automated In-situ CYANOtoxin Assessment ToolBOX for Real-Time Surface Water Monitoring (CYanoBox)	RPF	Partner
5	March 2019	CYanoConS, CYPRUS SEEDS, Novel physical-chemical oxidation processes for mitigating toxic cyanobacterial blooming	Cyprus Seeds	PI
6	February 2018	Improving innovation capacities of private and public actors for sustainable and profitable REcycling of LIVEstock WASTE (RE-LIVE WASTE)	Interreg MED	Partner
7	January 2018	RESTART 2016-2020-BILATERAL/FRANCE/1116 (4/12/2017-3/12/2019) CYANOS, BILATERAL/FRANCE/1116/0006 (5,000€). Title: Monitoring and Treatment of cyanobacterial contaminated surface waters.	RPF	PI
8	July 2013	Start-up package CUT	CUT	PI
9				
10				

**Project Role: i.e. Scientific/Project Coordinator, Research Team Member, Researcher, Assistant Researcher, other*

**Academic Consulting Services and/or Participation in Councils / Boards/ Editorial Committees.
List the five (5) more recent (Optional Entry)**

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2022-current	Journal of Environmental Engineering	Editor	Handling the process of peer-reviewed submission manuscripts
2	2016-current	Advances In Oceanography and Limnology (AIOL Journal)	Editor	Handling the process of peer-reviewed submission manuscripts
3	2017-current	Process Safety and Environmental Protection (PSEP) journal	Editor	Handling the process of peer-reviewed submission manuscripts
4	2014-current	Flow Water Technologies Ltd	Consulting	Validation of Equipment performance
5	2014-current	KARMA Water Purification Systems Ltd	Consulting	Validation of Equipment performance

**Awards / International Recognition (where applicable). List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Awarded by:
1	2022	My PhD student Eleni Keliri received an <i>International exchange scholarship for PhD students and academic staff</i> through the	Jagiellonian University, Poland

		PROM Programme of the International Relations Office of the Jagiellonian University in order to participate in a short training/workshop. (July 2022)	
2	2022	My undergraduate advisee in research <i>Panagiota Adamou</i> : Undergraduate Student Award in Environmental Chemistry, Division of Environmental Chemistry, American Chemical Society, April 2022.	Division of Environmental Chemistry, American Chemical Society
3	2022	My PhD student Eleni Keliri features in Forbes Greece List 2022 “30 under 30” under the category Science (Water Treatment).	Forbes Greece
4	2021	My PhD student Eleni Keliri: Student Registration Fee Award for ICHA 2021, La Paz, Mexico (10-15 October 2021)	ICHA 2021
5	2021	“ISSHA Early Warning Systems Awards 2021” to present research related to the development, implementation, or operation of Early Warning Systems (EWS) for Harmful Algal Blooms (HABs) and to attend a Joint FAO-IAEA-IOC Side Event on the Early Warning Systems. The EWS award includes the registration fee for the virtual ISSHA Conference and ISSHA membership for 2 years. (10-15 October 2021)- Maria G. Antoniou	International Society for the Study of Harmful Algae ISSHA
6	2021	My PhD student Eleni Keliri: “Prince Sultan Water Specialist Event Participation Grant”, CEST 2021, Athens, Greece (1-4 September 2021)	International Conference on Environmental Science and Technology- CEST
7	2018	My PhD student <i>Eleni Keliri</i> : Guest PhD Scholar – Research Assistant (6-months contract, June- December 2018) at the	Technical University of Denmark, Department of Environment

		Technical University of Denmark, Department of Environment, on the following project: "Investigation of chlorine reaction with a food compatible substance for the development of an optical meter for chlorine measurements in water".	
8	2017	My undergraduate advisee in research Danae Pantelide: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society
9	2016	My undergraduate advisee in research Iosef B. Boraei: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society
10	2015	My undergraduate advisee in research Nikoletta I. Tsiarta: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society

**Other Achievements. List the five (5) more recent and other five (5) selected.
(max total 10) (Optional Entry)**

Ref. Number	Date	Title	Key Activities:
1	3/2021	E. Mantzouki, ...M.G. Antoniou, N. Tsiarta...T. B.W. Ibelings, Temperature effects explain continental scale distribution of cyanobacterial toxins, <i>Toxins</i> . 2018 10 (4) doi:10.3390/toxins10040156; <i>Toxins</i> 2020 Best Paper Awards (certificate received 2 nd of March 2021)	Co-author
2	9/2020	CY patent application, CY202000002 (Filed, September 2020).	Co-inventor
3	2020	US Utility Patent (Provisional 2020, PCT 2021-USPTO).	Co-inventor
4	9/2020	Water Treatment for Purification from Cyanobacteria and Cyanotoxins, Edited by A. Hiskia, D. Dionysiou, M. G. Antoniou, T. Kaloudis, T. Triantis, Wiley (09/2020). ISBN:	Book Editor

		978-1-118-92861-5.	
5	2019	1 st Symposium on Harmful Cyanobacteria in Cyprus, 20th March 2019, Limassol, Cyprus	Organizer
6	2014	Armah A. de la Cruz, Anastasia Hiskia, Triantafyllos Kaloudis, Neil Chernoff, Donna Hill, Maria G. Antoniou, Xuexiang He, Keith Loftin, Kevin O'Shea, Cen Zhao, Miguel Pelaez, Changseok Han, Trevor J. Lynch, and Dionysios D. Dionysiou. 2013. A review on cylindrospermopsin: The global occurrence, detection, toxicity and degradation of a potent cyanotoxins. Environmental Science: Processes & Impacts 15:1979-2003.	Associate Editor highlights (# 3) focusing on the topic of environmental molecular toxicology. June, 2014
7	2013	Maria G. Antoniou, Armah. A. de la Cruz, and Dionysios D. Dionysiou, Degradation of microcystin-LR using sulfate radicals generated through photolysis, thermolysis and e- transfer mechanisms. Applied Catalysis B: Environmental, 96 (2010), 290–298.	TOP CITED in 2010, 2011 (certificate sent on 13th August, 2013).
8	2007	Hyeok Choi, Maria G. Antoniou, Miguel Pelaez, Armah A. de la Cruz, Jody A. Shoemaker, and Dionysios D. Dionysiou. 2007. Mesoporous Nitrogen-Doped TiO ₂ for the Photocatalytic Destruction of the Cyanobacterial Toxin Microcystin-LR under Visible Light Irradiation. Environmental Science & Technology 41:7530-7535.	Most –Accessed Articles (# 16), October-December, 2007.
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Σύντομο Προφίλ Ακαδημαϊκού Προσωπικού / Σύντομο Βιογραφικό Σημείωμα

Πανεπιστήμιο:	Τεχνολογικό Πανεπιστήμιο Κύπρου
Επίθετο:	Αντωνίου
Όνομα:	Μαρία Γ.
Βαθμίδα/Θέση:	Επίκουρη Καθηγήτρια
Σχολή:	Σχολή Γεωτεχνικών Επιστημών και Διαχείρισης Περιβάλλοντος
Τμήμα:	Επιστήμης και Τεχνολογίας Περιβάλλοντος
Επιστημονικό Πεδίο: *	Επεξεργασία Νερού

* Εξειδίκευση

Ακαδημαϊκά Προσόντα / Τίτλοι Σπουδών (οι καταχωρήσεις να γίνουν αρχίζοντας από τον πιο υψηλό τίτλο)

Ακαδημαϊκός Τίτλος	Έτος	Ίδρυμα	Τμήμα	Τίτλος Διατριβής (Καταχωρείται προαιρετικά)
Διδακτορικό	2010	Πανεπιστήμιο Σινσινάτι	Πολιτικών Μηχανικών και Μηχανικών Περιβάλλοντος	<i>Mechanistic Studies on the Degradation of Cyanobacterial Toxins and Other Nitrogen containing Organic contaminants with Hydroxyl Radical and Sulfate Radical-based Advanced Oxidation Technologies</i>
Πτυχίο	2002	Πανεπιστήμιο Κύπρου	Χημείας	Επικύρωση Μεθόδων ανίχνευσης του Βορίου σε υδατικά διαλύματα

Ιστορικό Εργοδότησης σε Ακαδημαϊκά Ίδρυματα/Ερευνητικά Κέντρα – να καταχωρηθούν οι τρεις (3) πιο πρόσφατες

Περίοδος Εργοδότησης	Εργοδότης	Τόπος	Θέση
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Από	Μέχρι			
10/2009	10/ 2011	Τεχνολογικό Πανεπιστήμιο Δανίας	Lyngby, Denark	Μεταδιδακτορική Φοιτήτρια
11/2004	12/2009	Υπηρεσία Προστασίας Περιβάλλοντος Αμερικής	Cincinnati, OH	Επισκέπτρια Ερευνήτρια

Κύρια άρθρα σε επιστημονικά περιοδικά με κριτές, μονογραφίες, βιβλία, εκδόσεις συνεδρίων. Να καταχωρηθούν τα πέντε (5) πιο πρόσφατα και άλλα πέντε (5) επιλεγμένα – (μέγιστος αρ. δέκα (10))						
A/A	Έτος	Τίτλος	Άλλοι συγγραφείς	Επιστημονικό Περιοδικό και Εκδότης / Συνέδριο	Τόμος	Σελ.
1	2022	Calcium peroxide (CaO ₂) granules enclosed in fabrics as an alternative H ₂ O ₂ delivery system to combat <i>Microcystis sp.</i>	Eleni Keliri, Panayiota Adamou, Nektarios Efstathiou, Despoina Kokkinidou, Konstantinos Kapnisis, Andreas S. Anayiotos, Hanna Mazur-Marzec, and <u>Maria G. Antoniou</u>	<i>Chemical Engineering Journal Advances</i>	11	10031 8
2	2021	Occurrence of a single-species cyanobacterial bloom in a lake in Cyprus: monitoring and treatment with hydrogen peroxide-releasing granules	Eleni Keliri, Christia Paraskeva, Angelos Sofokleous, Assaf Sukenik, Dariusz Dzig, Ekaterina Chernova, Luc Brient, and <u>Maria G. Antoniou</u>	<i>Environmental Sciences Europe</i>	33	31
3	2021	Sustainable and Green Decomposition of Various Cyanotoxins and Cyanobacteria through New Photocatalytic Materials Development.	Hyeok Choi, Changseok Han, <u>Maria G. Antoniou</u> ,	<i>Current Opinion in Green and Sustainable Chemistry</i>	28	1-10
4	2021	Natural fluorescence emission	A. Spiliotopoulou, <u>M. G.</u>	<i>Environmental</i>	42	584-

		- an indirect measurement of applied ozone doses in polished for pharmaceuticals wastewater	<u>Antoniou</u> , and H. R. Andersen	<i>Technology</i>		596
5	2018	Enhancing photocatalytic degradation of the cyanotoxin microcystin-LR with the addition of sulfate-radical generating oxidants	<u>Maria. G. Antoniou</u> , I. Boraie, M. Solakidou, Y. Deligiannakis, M. Abhishek, C. Edwards, and L.A. Lawton	Journal of Hazardous Materials	360	1461-1470
6	2018	Temperature effects explain continental scale distribution of cyanobacterial toxins	E. Mantzouki, M. Lüring, J. Fastner, , M.G. Antoniou, N. Tsiarta, ... H.W. Paerl, C.C. Carey, B.W. Ibelings	Toxins	10	156
7	2015	Comparison of UVC/S ₂ O ₈ ²⁻ with UVC/H ₂ O ₂ in terms of efficiency and cost for the treatment of a specific ground water	<u>Maria. G. Antoniou</u> , and Henrik R. Andersen	Chemosphere	119	S81-S88
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9	2012	Effect of pH on the formation of disinfection byproducts in pool water – Is less THMs better?,	Kamilla M. S. Hansen, Sarah Willach, Maria G. Antoniou, Hans Mosbæk, Hans-Jørgen Albrechtsen and Henrik R. Andersen	Water Research	46	6399-6409
10	2010	Degradation of microcystin-LR using sulfate radicals generated through photolysis, thermolysis and e- transfer mechanisms	Maria G. Antoniou, Armah. A. de la Cruz, and Dionysios D. Dionysiou	Applied Catalysis B: Environmental	96	290-298

Εκθέσεις (όπου εφαρμόζεται). Να καταχωρηθούν οι πέντε (5) πιο πρόσφατες και άλλες πέντε (5) επιλεγμένες – (μέγιστος αρ. δέκα (10))

A/A	Ημερομηνία	Θέμα	Διεθνής / Τοπική	Τοποθεσία*	Ρόλος στην Έκθεση
1	09/2022	Ioannis A. Fotidis, Nomiki I. Kallikazarou and <u>Maria G. Antoniou</u> . Sustainable utilization of pig slurry during anaerobic digestion on struvite crystallization. HAICTA 2022, 10 th International Conference on ICT in Agriculture, Food & Environment, September 22-25, 2022, Athens, Greece	International	Greece	Oral Presentation
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4	06/2022	E. Keliri, P. Adamou, N. Efstathiou, D. Kokkinidou, A. Anayiotos, <u>M. G. Antoniou</u> , Calcium Peroxide granules (CaO ₂) enclosed in textile materials as H ₂ O ₂ delivery systems to mitigate <i>Microcystis</i> sp., 13 th	National	Greece	Oral Presentation

		National (Pan-Hellenic) Conference on Chemical Engineering, Patra, Greece, 2-4 June, 2022 (Accepted for oral presentation).			
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7	03/2021	<u>M.G. Antoniou</u> , N. Kallikazarou, E. Constantinide, L. Koutsokeras, G. Constantinides, G.E. Zoi and G. Armenis, Sustainable livestock waste management for the production of high value biofertilizers and putative uses in agriculture. Accepted for Poster Presentation, 3 rd International Symposium on Soilless Culture and Hydroponics: Innovation and Advanced Technology for Circular Horticulture (HYDRO2020), 19-21 March 2021, Virtual due to COVID-19 restrictions.	International	Virtual	Oral Presentation
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		real-time surface water monitoring, Oral Presentation, 1 st Doctoral Colloquium, 7 December 2019, Nicosia, Cyprus.			
9	12/2019	N. Kallikazarou, E. Constantinide, and M. G. Antoniou, Improving innovation capacities of private and public actors for sustainable and profitable recycling of livestock waste. Poster presentation, International Conference on Sustainable Biowaste Management, BIOMA project, INTERREG V-A Greece – Cyprus, 6 th of December, 2019, Limassol, Cyprus	International	Cyprus	Poster Presentation
10	05/2019	N. Tsiarta, E. Mantzouki, M. Schuurmans, E. Suarez, P. M. Visser, B. W. Ibelings and J. Huisman, Defining the mode of interaction between temperature and phosphate in promoting cyanobacterial growth. Poster Presentation, 11 th International Conference on Toxic Cyanobacteria (ICTC2019), 5-10 May, 2019, Krakow, Poland.	International	Poland	Poster Presentation

* Να καταχωρηθεί ο χώρος, η πόλη κ.τ.λ.

Ερευνητικά Projects. Να καταχωρηθούν τα πέντε (5) πιο πρόσφατα και άλλα πέντε (5) επιλεγμένα – (μέγιστος αρ. δέκα (10))				
A/A	Ημερομηνία	Τίτλος	Επιχορήγηση Από:	Ρόλος στο Ερευνητικό Projects *
1	March 2022	EXCELLENCE/0421/0212, A sustainable and innovative management system for toxic cyanobacteria blooming of surface waters with combined energy production, sustainable agriculture, and food safety,	ΙΔΕΚ	Επιστημονικός Συντονιστής

		CYanoTech,		
2	December 2020	Cyprus Seeds CYanoConS II, CYPRUS SEEDS 2nd cycle funding, Novel physical-chemical oxidation processes for mitigating toxic cyanobacterial blooming	Cyprus Seeds	Επιστημονικός Συντονιστής
3	November 2020	Quantification kit for oxidant X for field and lab applications (POXi KIT), INDUSTRIAL-PROPERTY/0717/003, RIF, CY	ΙΔΕΚ	Επιστημονικός Συντονιστής
4	March 2019	Automated In-situ CYANOtoxin Assessment ToolBOX for Real-Time Surface Water Monitoring (CYanoBox)	ΙΔΕΚ	Μέλος Ερευνητικής Ομάδας
5	March 2019	CYanoConS, CYPRUS SEEDS, Novel physical-chemical oxidation processes for mitigating toxic cyanobacterial blooming	Cyprus Seeds	Επιστημονικός Συντονιστής
6	February 2018	Improving innovation capacities of private and public actors for sustainable and profitable REcycling of LIVEstock WASTE (RE-LIVE WASTE)	Interreg MED	Μέλος Ερευνητικής Ομάδας
7	January 2018	RESTART 2016-2020-BILATERAL/FRANCE/1116 (4/12/2017-3/12/2019) CYANOS, BILATERAL/FRANCE/1116/0006 (5,000€). Title: Monitoring and Treatment of cyanobacterial contaminated surface waters.	ΙΠΕ	Επιστημονικός Συντονιστής
8	July 2013	Start-up package CUT	ΤΕΠΑΚ	Επιστημονικός Συντονιστής
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**Ρόλος στο Ερευνητικό Project: πχ Επιστημονικός Συντονιστής, Μέλος Ερευνητικής Ομάδας, Ερευνητής, Βοηθός Ερευνητής, άλλα.*

Ακαδημαϊκές Συμβουλευτικές Υπηρεσίες ή/και Συμμετοχή σε Συμβούλια / Επιτροπές - Να καταχωρηθούν οι πέντε (5) πιο πρόσφατες (Καταχωρούνται προαιρετικά)

A/A	Περίοδος	Οργανισμός	Τίτλος Θέσης ή Υπηρεσίας	Κύριες Δραστηριότητες
1	2022-current	Journal of Environmental Engineering	Editor	Υπεύθυνη για τη διαδικασία κρίσεις ερευνητικών εργασιών
2	2016-current	Advances In Oceanography and Limnology (AIOL Journal)	Editor	Υπεύθυνη για τη διαδικασία κρίσεις ερευνητικών εργασιών
3	2017-current	Process Safety and Environmental Protection (PSEP) journal	Editor	Υπεύθυνη για τη διαδικασία κρίσεις ερευνητικών εργασιών
4	2014-current	Flow Water Technologies Ltd	Συμβουλευτικές Υπηρεσίες	Αξιολόγηση απόδοσης εξοπλισμού
5	2014-current	KARMA Water Purification Systems Ltd	Συμβουλευτικές Υπηρεσίες	Αξιολόγηση απόδοσης εξοπλισμού

Βραβεύσεις / Διεθνείς Διακρίσεις (όπου εφαρμόζεται). Να καταχωρηθούν οι πέντε (5) πιο πρόσφατες και άλλες πέντε (5) επιλεγμένες – (μέγιστος αρ. δέκα (10) (Καταχωρούνται προαιρετικά)

Ref. Number	Date	Title	Awarded by:
1	2022	My PhD student Eleni Keliri received an <i>International exchange scholarship for PhD students and academic staff</i> through the	Jagiellonian University, Poland

		PROM Programme of the International Relations Office of the Jagiellonian University in order to participate in a short training/workshop. (July 2022)	
2	2022	My undergraduate advisee in research <i>Panagiota Adamou</i> : Undergraduate Student Award in Environmental Chemistry, Division of Environmental Chemistry, American Chemical Society, April 2022.	Division of Environmental Chemistry, American Chemical Society
3	2022	My PhD student Eleni Keliri features in Forbes Greece List 2022 “30 under 30” under the category Science (Water Treatment).	Forbes Greece
4	2021	My PhD student Eleni Keliri: Student Registration Fee Award for ICHA 2021, La Paz, Mexico (10-15 October 2021)	ICHA 2021
5	2021	“ISSHA Early Warning Systems Awards 2021” to present research related to the development, implementation, or operation of Early Warning Systems (EWS) for Harmful Algal Blooms (HABs) and to attend a Joint FAO-IAEA-IOC Side Event on the Early Warning Systems. The EWS award includes the registration fee for the virtual ISSHA Conference and ISSHA membership for 2 years. (10-15 October 2021)- Maria G. Antoniou	International Society for the Study of Harmful Algae ISSHA
6	2021	My PhD student Eleni Keliri: “Prince Sultan Water Specialist Event Participation Grant”, CEST 2021, Athens, Greece (1-4 September 2021)	International Conference on Environmental Science and Technology- CEST
7	2018	My PhD student <i>Eleni Keliri</i> : Guest PhD Scholar – Research Assistant (6-months contract, June- December 2018) at the	Technical University of Denmark, Department of Environment

		Technical University of Denmark, Department of Environment, on the following project: "Investigation of chlorine reaction with a food compatible substance for the development of an optical meter for chlorine measurements in water".	
8	2017	My undergraduate advisee in research Danae Pantelide: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society
9	2016	My undergraduate advisee in research Iosef B. Boraei: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society
10	2015	My undergraduate advisee in research Nikoletta I. Tsiarta: Undergraduate Student Award in Environmental Chemistry	Division of Environmental Chemistry, American Chemical Society

Άλλες Διακρίσεις. Να καταχωρηθούν οι πέντε (5) πιο πρόσφατες και άλλες πέντε (5) επιλεγμένες (μέγιστος αρ. δέκα (10) (Καταχωρούνται προαιρετικά)

A/A	Ημερομηνία	Τίτλος	Κύριες Δραστηριότητες
1	3/2021	E. Mantzouki, ...M.G. Antoniou, N. Tsiarta...T. B.W. Ibelings, Temperature effects explain continental scale distribution of cyanobacterial toxins, <i>Toxins</i> . 2018 10 (4) doi:10.3390/toxins10040156; <i>Toxins</i> 2020 Best Paper Awards (certificate received 2 nd of March 2021)	Co-author
2	9/2020	CY patent application, CY202000002 (Filed, September 2020).	Co-inventor
3	2020	US Utility Patent (Provisional 2020, PCT 2021-USPTO).	Co-inventor
4	9/2020	Water Treatment for Purification from Cyanobacteria and Cyanotoxins, Edited by A. Hiskia, D. Dionysiou, M. G. Antoniou, T. Kaloudis, T. Triantis, Wiley (09/2020). ISBN: 978-1-118-92861-5.	Book Editor

5	2019	1 st Symposium on Harmful Cyanobacteria in Cyprus, 20th March 2019, Limassol, Cyprus	Organizer
6	2014	Armah A. de la Cruz, Anastasia Hiskia, Triantafyllos Kaloudis, Neil Chernoff, Donna Hill, Maria G. Antoniou, Xuexiang He, Keith Loftin, Kevin O'Shea, Cen Zhao, Miguel Pelaez, Changseok Han, Trevor J. Lynch, and Dionysios D. Dionysiou. 2013. A review on cylindrospermopsin: The global occurrence, detection, toxicity and degradation of a potent cyanotoxins. Environmental Science: Processes & Impacts 15:1979-2003.	Associate Editor highlights (# 3) focusing on the topic of environmental molecular toxicology. June, 2014
7	2013	Maria G. Antoniou, Armah. A. de la Cruz, and Dionysios D. Dionysiou, Degradation of microcystin-LR using sulfate radicals generated through photolysis, thermolysis and e- transfer mechanisms. Applied Catalysis B: Environmental, 96 (2010), 290–298.	TOP CITED in 2010, 2011 (certificate sent on 13th August, 2013).
8	2007	Hyeok Choi, Maria G. Antoniou, Miguel Pelaez, Armah A. de la Cruz, Jody A. Shoemaker, and Dionysios D. Dionysiou. 2007. Mesoporous Nitrogen-Doped TiO ₂ for the Photocatalytic Destruction of the Cyanobacterial Toxin Microcystin-LR under Visible Light Irradiation. Environmental Science & Technology 41:7530-7535.	Most –Accessed Articles (# 16), October-December, 2007.
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