**CURRICULUM VITAE**

**Triantafyllos Kaloudis**

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| **Primary affiliation** | Athens Water Supply and Sewerage Company (EYDAP SA), [www.eydap.gr](http://www.eydap.gr)  |
|  | Water Quality Control Department |
|  | Organic Micropollutants Laboratory |
|  | Flias 11, 13674 Menidi, Athens, Greece. |
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| **Other affiliation** | Laboratory of Catalytic-Photocatalytic Processes and Environmental Analysis |
|  | Institute of Nanoscience and Nanotechnology (INN)  |
|  | NCSR “Demokritos”, [www.demokritos.gr](http://www.demokritos.gr) |
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1. **Education**

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| 1991-1995 | **Ph.D. in Chemistry (Honors),** National and Kapodistrian University of Athens – National Centre for Scientific Research “Demokritos”.Project title: “Effect of iron salts on the destruction of phenolic pollutants in water with use of γ irradiation”. |
| 2001-2003 | **M.Sc. Quality Management** **“With Distinction”**, University of the West of Scotland (University of Paisley), Scotland, UK.*Received the “Court Medal Award 2002-2003”.* |
| 2000-2001 | **Postgraduate Programme** “Production Management: Quality – Quality Management”Technical Educational Institute (TEI) of Piraeus, Greece. |
| 1986-1990 | **Ptychion – Bachelor Degree (Honors) in Chemistry,** National and Kapodistrian University of Athens. |

1. **Employment history**
2. **Full-time**

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| Jun 2003 - present | **Head of Organic Micropollutants Laboratory**Athens Water Supply and Sewerage Company (EYDAP SA)Department of Water Quality Control  |
| Sep 2014 - present | **Quality Manager, Analytical Laboratories**Athens Water Supply and Sewerage Company (EYDAP SA) Department of Water Quality Control |
| Feb 2000–Jun 2003 | **Head of Industrial Wastewater Control Section,**Athens Water Supply and Sewerage Company (EYDAP SA)Department of Water Quality Control and Protection. |
| Sep 1997-Feb 2000 | **Senior Researcher – Head of Laboratory Services**Food Industrial Research and Technological Development Company (ETAT SA – www.etat.gr) |
| Mar 1991–Sep1995 | **Postgraduate Scholar, PhD thesis**Institute of Physical Chemistry, National Centre of Scientific Research “Demokritos” – www.demokritos.gr |

1. **Part-time**

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| Apr 2005 - present | **Auditor – Testing Laboratories (ISO 17025)**Hellenic Accreditation System (E.SY.D.)www.esyd.gr |
| May 2005-present | **Collaborating Researcher (from 2018: Research Associate)**NCSR DemokritosInstitute of Nanoscience and Nanotechnology (INN) |
| Sep 2004 - 2009 | **Lecturer – M.Sc. Quality Management** University of the West of Scotland (UWS – www.uws.ac.uk)Modules: Statistical Quality Control, Strategic Quality and Risk Management, Service Quality. Supervisor of Dissertation Projects |
| Sep 2008- 2010 | **Trainer – Food Safety and Hygiene**KEK DIASTASI - Hellenic Food Authority training programs (EFET-www.efet.gr) |
| Feb 2000- 2005 | **Consultant – Management Systems and Research Projects**Self EmployedISO 9001- HACCP systems and Industrial Research Projects. |

1. **Professional skills and experience highlights**
* More than 20 years’ experience in **environmental chemistry** and **chemical analysis** of contaminants – pollutants (pesticides, PAHs, VOCs, phenols, cyanotoxins etc) in **water,** **food and environmental samples**.
* Expert in GC/MS/MS, LC-MS/MS, HPLC/UV-PDA-FD, GC/NPD-ECD-FID, IC, ELISA.
* **Analytical method development and validation**, to meet ISO 17025, EURACHEM, SANCO etc guidelines.
* **Laboratory accreditation** systems expert (ISO 17025). Certified Auditor of the Hellenic Accreditation System S.A. (E.SY.D. SA – [www.esyd.gr](http://www.esyd.gr)). Over 100 laboratory audits completed (food and water, public and private sectors).
* Research in **Advanced Oxidation Processes (AOPs)** for water treatment. Elucidation of mechanisms of degradation of organic pollutants with AOPs.
* Experience in **statistics, statistical analysis of data, statistical quality control** (SQC). Lecturer of SQC at M.Sc. level.
* Preparation and submission of **research proposals**, management of **research projects** (National-European).
1. **Professional certification**

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| *May 2018* | **Certified Auditor, Testing Laboratory Accreditation – ISO 17025:2017,** Hellenic Accreditation System S.A. (E.SY.D. SA – www.esyd.gr) |
| *Oct 2007* | **Certified Auditor, Laboratory Accreditation**Hellenic Accreditation System S.A. (E.SY.D. SA – www.esyd.gr)Cert. No L03/340/07 |
| *Nov 2005* | **Registered Trainer – Food Safety and Hygiene**Hellenic Food Authority (EFET – www.efet.gr) |
| *Jun 2001* | **Certified Lead Auditor – ISO 9001**Rowe Parker Associates IRCA Registered – www.irca.org |
| *Dec 2001* | **Certified Auditor – Environmental Management Systems**Integra Environmental SAIEMA Registered – www.iema.net |

1. **Continuous education – training (selected items)**

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| *Sep 2017* | “Introduction to Remote Sensing for Harmful Algal Blooms”, Organized by NASA-ARSET, Trainers: Sherry Palacios, Amita Mehta. Certification of Completion. Sep 5 – Sep 26 1017. |
| *June 2016* | “Training Course in Gas Chromatography - Mass Spectrometry (GC-TQ)”, Organized by Bruker Daltonics (Instructor: Dr. Rafaela Martin), 14-15 June 2016, EYDAP laboratories, Athens, Greece. |
| *May 2015* | “BMAA Analysis Training School & Workshop”, Organized by CYANOCOST and Wageningen University, 18-22 May 2015, Wageningen, The Netherlands. |
| *Dec 2014* | “Project Management Fundamentals: Processes & Techniques”, PLAS-EYDAP, 1-16 December 2014 (33 hours), Athens. |
| *Dec 2014* | “LEAN SIX SIGMA for all” Seminar and Workshop, organized by ASQ LMC Greece, hosted by Information Society SA at General Secretariat for Information Systems, 2-3 December 2014, Athens. |
| *Jun 2009* | Methods in Micro-Nano Technology and Nanobiotechnology, NCSR Demokritos, Summer School, 22-26 June 2009. |
| *Jul 2008* | Training in LC-MS/MS and ELISA methods for the determination of water pollutants.US Environmental Protection Agency (EPA), Cincinnati, Ohio, USA |
| *Apr 2007* | LC/MS/MS training.a. Rigas Labs – 5 days.b. Laboratory of Catalytic - Photocatalytic Processes (Solar Energy – Environment), NCSR “Demokritos” – 5 days. |
| *Mar 2007* | Laboratory methods for the analysis of cyanotoxins in water (HPLC, LC/MS/MS and biochemical methods).Department of Biochemistry & Pharmacy,Abo Akademi University, Turku, Finland – 9 days. |
| *Mar - Jun 2002* | “Project Management with Primavera Software”KEK EYDAP SA - 150 hrs |
| *Dec 2001* | “Foundation Course in Environmental Auditing”Integra Environmental SA – 40 hrs  |
| *Jun 2001* | “QMS Auditor – Lead Auditor (ISO 9001:2000)”, IRCA RegisteredRowe Parker Associates – 40 hrs. |
| *Apr 2001* | “Quality Function Deployment – QFD”Eco-Q, 8hrs |
| *Dec 2000* | “Uncertainty of Measurement for Testing and Calibration Laboratories in association with ISO/IEC 17025” United Kingdom Accreditation Service (UKAS), 16 hrs |
| *Jul 2000* | “Laboratory Accreditation” Bureau Veritas, 8 hrs |
| *Jun 1994* | “ HPLC and GC/MS applications in Environmental Analysis” Analytiki SA, 16 hrs. |
| *May – Aug 1993* | “Radiation Chemistry, Chemical Kinetics and Analytical Techniques”On the job training,Beer-Sheva University and the Hebrew University of Jerusalem, Israel. |
| *Sep 1992* | “Modern techniques for the treatment of drinking and waste water”Ecole Polytechnique Fédérale de Lausanne, Switzerland – 40 hrs. |
| *Sep1991–Jun1992* | Graduate SchoolInstitute of Physical Chemistry, NCSR Demokritos |

1. **Research projects (funded)**
2. **Coordinator, PI:**
3. **Chair, COST Action CA 18225** **WaterTOP** - “Taste and Odor in early diagnosis of source and drinking Water Problems”, 10/2019 – 10/2023 , [www.watertopnet.eu](http://www.watertopnet.eu) <https://www.cost.eu/actions/CA18225/#tabs|Name:overview>
4. **Chair, COST Action ES 1105 “CYANOCOST** - Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management”, 2012-2016, (approx. 600 k€) [www.cyanocost.net](http://www.cyanocost.net)
5. **Principal Investigator, National Project “PAVET 2005”** – “Development of an Integrated System for the Monitoring of Cyanotoxins in Surface and Treated Waters by Advanced Analytical Techniques”. EYDAP SA, 2005-2007 (approx. 250 k€).
6. **Company Mentor:**
7. **“From source to tap: risk assessment of organic pollutants in the drinking water cycle of Athens”.** Post-Doctoral Fellowship (Fellow: Dr. Christophoros Christophoridis), Catalytic-Photocatalytic Processes and Environmental Analysis Laboratory (Scientific Mentor: Dr Anastasia Hiskia), Industrial Fellowships Program 2017, NCSR Demokritos
8. **Member of research groups:**
9. **“CO2 Bioproducts** – Bioconversion of CO2 into high added value bioproducts through sustainable microalgae cultivation processes”.Co‐financed by the European Union and Greek national funds through the Operational Program Competitiveness, Entrepreneurship and Innovation, under the call RESEARCH - CREATE - INNOVATE (project code: Τ1EDK-02681). Coordinated by Prof. Costas Kiparissides, CERTH.
10. **“CYANOWATER** - Cyanotoxins in Fresh Waters, Advances in Analysis, Occurrence and Treatment", 2012-2015, General Secretariat for Research and Technology (GSRT) - Greek Ministry of Education, Action “EXCELLENCE” (ARISTEIA I), Coordinated by Dr. Anastasia Hiskia, NCSR Demokritos, Greece.

<http://ipc.chem.demokritos.gr/index.php?option=com_content&view=article&id=392&Itemid=392&lang=en&limitstart=1#A1>

1. **EUALGAE**-The European Network for Algal Bioproducts – COST Action ES 1408, Member of Working Groups WG 3 “Refining microalgae into its value components” and WG 4 “Valorisation of intermediates and sub-products” (2015-2019). <http://eualgae.eu/>
2. **“AOP-Nanomat:** Development of Advanced Oxidation Processes (AOPs) with the use of nanomaterials and sunlight, for the removal of various organic toxic micropollutants, endocrine disrupters and cyanotoxins from natural waters and sewages”, 2012-2015, The Operational Programme "Education and Lifelong Learning", Action “THALIS”, Coordinated by Prof. T. Albanis, Univ. of Ioannina, Greece.
3. **“Nutrition Strategy:** Strengthening of research infrastructure and development of know-how for the Greek diet'' 1998-2001, EU funded project, coordinated by Prof. A. Trichopoulou, Athens School of Public Health.
4. “Improvement of industrial production of dry sausages with use of starter cultures” GSRT EPET II Project, 1997-2000, coordinated by Prof. J. Metaxopoulos, Agricultural University of Athens.
5. **Publications**
	1. **Dissertations**
6. **T. Kaloudis** (1995), “Effect of iron salts on the destruction of phenolic pollutants in water with use of gamma radiation” Ph.D. Thesis, National and Kapodistrian University of Athens.
7. **Τ. Kaloudis** (2003), “Measuring Quality in Business-to-Business Services: The Case of a Certification Body”, M.Sc. Thesis, University of Paisley (University of the West of Scotland).
	1. **Book chapters**
8. **T. Kaloudis** (2021), Cyanobacterial Taste & Odour Compounds in Water. n: Chorus I, Welker M; eds: Toxic Cyanobacteria in Water, 2nd edition, pp. 149-155, CRC Press, Boca Raton (FL), on behalf of the World Health Organization, Geneva, CH.

 <https://www.who.int/publications/m/item/toxic-cyanobacteria-in-water---second-edition>

1. Carlos J. Pestana, Linda A. Lawton, **Triantafyllos Kaloudis** (2020). Removal and/or Destruction of Cyanobacterial Taste and Odour Compounds by Conventional and Advanced Oxidation Processes. In *Water Treatment for Purification from Cyanobacteria and Cyanotoxins* (eds A.E. Hiskia, T.M. Triantis, M.G. Antoniou, T. Kaloudis and D.D. Dionysiou). <https://doi.org/10.1002/9781118928677.ch8>
2. Caixach, J., Flores, C., Spoof, L., Meriluoto, J., Schmidt, W., Mazur-Marzec, H., Hiskia, A., **Kaloudis, T.**, & Furey, A. (2016). Liquid Chromatography–Mass Spectrometry *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 218-257): Edited by J. Meriluoto, L. Spoof and G. A. Codd, 2017, pp. 196-201, John Wiley & Sons. ISBN: 978-1-119-06868-6. John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch23>
3. Cerasino, L., Meriluoto, J., Bláha, L., Carmeli, S., **Kaloudis, T.**, & Mazur-Marzec, H. (2016). Extraction of Cyanotoxins from Cyanobacterial Biomass. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 350-353): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch38>
4. Hiskia, A., Spoof, L., **Kaloudis, T.**, & Meriluoto, J. (2016). Determination of Cyanotoxins by High-Performance Liquid Chromatography with Photodiode Array. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 203-211): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch21>
5. **Kaloudis, T.**, Triantis, T. M., & Hiskia, A. (2016a). Basic Validation Protocol for the Analysis of Cyanotoxins in Environmental Samples. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 481-485): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch61>
6. **Kaloudis, T.**, Triantis, T. M., & Hiskia, A. (2016b). Determination of Geosmin and 2-Methylisoborneol in Water by HS-SPME-GC/MS. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 469-474): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch59>
7. **Kaloudis, T.**, Triantis, T. M., & Hiskia, A. (2016c). Quantitative Screening of Microcystins and Nodularin in Water Samples with Commercially Available ELISA Kits. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 390-392): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch45>
8. **Kaloudis, T.**, Triantis, T. M., & Hiskia, A. (2016d). Quantitative Screening of Microcystins and Nodularin in Water Samples with Commercially Available PPIA Kits. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 393-395): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch46>
9. **Kaloudis, T.**, Triantis, T. M., & Hiskia, A. (2016e). Taste and Odour Compounds Produced by Cyanobacteria. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 196-201): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch20>
10. Metcalf, J. S., Hiskia, A., & **Kaloudis, T.** (2016). Protein Phosphatase Inhibition Assays. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 267-271): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch26>
11. Svirčev, Z., Drobac, D., Tokodi, N., Đenić, D., Simeunović, J., Hiskia, A., **Kaloudis, T.**, Mijović, B., Šušak, S., Protić, M., Vidović, M., Onjia, A., Nybom, S., Važić, T., Malešević, T. P., Dulić, T., Pantelić, D., Vukašinović, M., & Meriluoto, J. (2016). Lessons from the Užice Case. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 298-308): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch31>
12. Triantis, T. M., **Kaloudis, T.**, & Hiskia, A. (2016a). Determination of Anatoxin-a in Filtered and Drinking Water by LC-MS/MS. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 408-412): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch50>
13. Triantis, T. M., **Kaloudis, T.**, & Hiskia, A. (2016b). Determination of Cylindrospermopsin in Filtered and Drinking Water by LC-MS/MS. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 399-404): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch48>
14. Triantis, T. M., **Kaloudis, T.**, & Hiskia, A. (2016c). Method Validation Guidelines for the Analysis of Cyanotoxins. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 285-291): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch29>
15. Triantis, T. M., **Kaloudis, T.**, & Hiskia, A. (2016d). Solid-Phase Extraction of Anatoxin-a from Filtered and Drinking Water. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 405-407): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch49>
16. Triantis, T. M., **Kaloudis, T.**, & Hiskia, A. (2016e). Solid-Phase Extraction of Cylindrospermopsin from Filtered and Drinking Water. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 396-398): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch47>
17. Triantis, T. M., **Kaloudis, T.**, Zervou, S.-K., & Hiskia, A. (2016a). Determination of Microcystins and Nodularin in Filtered and Drinking Water by LC-MS/MS. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 372-378): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch42>
18. Triantis, T. M., **Kaloudis, T.**, Zervou, S.-K., & Hiskia, A. (2016b). Solid-Phase Extraction of Microcystins and Nodularin from Drinking Water. *Handbook of Cyanobacterial Monitoring and Cyanotoxin Analysis* (pp. 354-357): John Wiley & Sons, Ltd. <http://dx.doi.org/10.1002/9781119068761.ch39>
19. Hiskia, A., Triantis, T. M., Antoniou, M. G., de la Cruz, A. A., O'Shea, K., Song, W., Fotiou, T., **Kaloudis, T.**, He, X., Andersen, J., & Dionysiou, D. D. (2014). Transformation Products of Hazardous Cyanobacterial Metabolites. In *Water Transformation Products of Emerging Contaminants in the Environment* Ed. D. Lambropoulou, L. Nollet (pp. 675-708): John Wiley and Sons Ltd. <http://dx.doi.org/10.1002/9781118339558.ch23>
20. Antoniou, M., A. Delacruz, M. Pelaez, C. Han, X. He, D. Dionysiou, W. Song, K. O'Shea, L. Ho, G. Newcombe, M. Dixon, M. Teixeira, T. Triantis, A. Hiskia, **T. Kaloudis**, R. Balasubramanian, S. Pavagadhi, and V. Sharma (2014). Practices that Prevent the Formation of Cyanobacterial Blooms in Water Resources and remove Cyanotoxins during Physical Treatment of Drinking Water. Chapter 2, in *Comprehensive Water Quality and Purification (WAQP)*, Vol. 2 “Assuring Purity of Drinking Water” Editor: S. Ahuja, Elsevier, ISBN: 978-0-12-382182-2 (pp. 173-195).

<https://www.elsevier.com/books/comprehensive-water-quality-and-purification/ahuja/978-0-12-382182-9>

1. Pelaez, M., Antoniou, M. G., He, X., Dionysiou, D. D., de la Cruz, A. A., Tsimeli, K., Triantis, T., Hiskia, A., **Kaloudis, T.**, Williams, C., Aubel, M., Chapman, A., Foss, A., Khan, U., O’Shea, K. E., & Westrick, J. (2010). Sources and Occurrence of Cyanotoxins Worldwide. In D. Fatta-Kassinos, K. Bester & K. Kümmerer (Eds.), Xenobiotics in the Urban Water Cycle: Mass Flows, Environmental Processes, Mitigation and Treatment Strategies (pp. 101-127). Dordrecht: Springer Netherlands. <https://doi.org/10.1007/978-90-481-3509-7_6>
	1. **Peer-reviewed papers**
2. Donis, D., Mantzouki, E…., **Kaloudis, T**.,…., Ibelings, B.W. (2021). Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. *Limnol Oceanogr.* <https://doi.org/10.1002/lno.11963>
3. C. Christophoridis, C.J. Pestana, **T. Kaloudis**, L.A. Lawton, T.M. Triantis, A. Hiskia (2021). Radiolytic degradation of 2-methylisoborneol and geosmin in water: Reactive radical species and transformation pathways. *Chemical Engineering Journal Advances*, Volume 8, 100196, <https://doi.org/10.1016/j.ceja.2021.100196>
4. Hammoud, N.A.; Zervou, S.-K.; **Kaloudis, T.**; Christophoridis, C.; Paraskevopoulou, A.; Triantis, T.M.; Slim, K.; Szpunar, J.; Fadel, A.; Lobinski, R.; Hiskia A. (2021). Investigation of the Occurrence of Cyanotoxins in Lake Karaoun (Lebanon) by Mass Spectrometry, Bioassays and Molecular Methods. *Toxins* 2021, 13, 716. <https://doi.org/10.3390/toxins13100716>
5. Zervou, S.-K.; Moschandreou, K.; Paraskevopoulou, A.; Christophoridis, C.; Grigoriadou, E.; **Kaloudis, T.**; Triantis, T.M.; Tsiaoussi, V.; Hiskia, A. (2021). Cyanobacterial Toxins and Peptides in Lake Vegoritis, Greece. *Toxins* 2021, 13, 394. <https://doi.org/10.3390/toxins13060394>
6. Maria Antonopoulou, Nikolaos Ioannidis, **Triantafyllos Kaloudis**, Theodoros M. Triantis, Anastasia Hiskia (2020). Kinetic and mechanistic investigation of water taste and odor compound 2-isopropyl-3-methoxy pyrazine degradation using UV-A/Chlorine process. *Science of The Total Environment* 732, 138404, <https://doi.org/10.1016/j.scitotenv.2020.138404>
7. Sevasti – Kiriaki Zervou, **Triantafyllos Kaloudis**, Anastasia Hiskia, Hanna Mazur-Marzec (2020). Fragmentation mass spectra dataset of linear cyanopeptides – microginins. *Data in Brief* 31, 105825, <https://doi.org/10.1016/j.dib.2020.105825>
8. Sevasti - Kiriaki Zervou, Spyros Gkelis, **Triantafyllos Kaloudis**, Anastasia Hiskia, Hanna Mazur-Marzec (2020). New microginins from cyanobacteria of Greek freshwaters. *Chemosphere* 248, 125961, <https://doi.org/10.1016/j.chemosphere.2020.125961>
9. Gkelis, S., Panou, M., Konstantinou, D., Apostolidis, P., Kasampali, A., Papadimitriou, S., Kati, D., Di Lorenzo, G.M., Ioakeim, S., Zervou, S.-K., Christophoridis, C., Triantis, T.M., **Kaloudis, T**., Hiskia, A., Arsenakis, M. (2019). Diversity, Cyanotoxin Production, and Bioactivities of Cyanobacteria Isolated from Freshwaters of Greece. *Toxins* 2019, 11, 436. <https://doi.org/10.3390/toxins11080436>
10. Korina Manolidi, Theodoros M. Triantis, **Triantafyllos Kaloudis,** Anastasia Hiskia (2019). Neurotoxin BMAA and its isomeric amino acids in cyanobacteria and cyanobacteria-based food supplements. *Journal of Hazardous Materials* 365, 346-365.

<https://doi.org/10.1016/j.jhazmat.2018.10.084>

1. Christophoridis, C., Zervou, S.-K., Manolidi, K., Katsiapi, M., Moustaka-Gouni, M., **Kaloudis, T.**, Triantis, T.M., Hiskia, A. (2018). Occurrence and diversity of cyanotoxins in Greek lakes. *Scientific Reports* 8, 17877. <https://doi.org/10.1038/s41598-018-35428-x>
2. Evanthia Mantzouki et al. (2018). A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins*. Scientific Data* 5, 180226.

<https://doi.org/10.1038/sdata.2018.226> .

Data citation: Mantzouki, E. et al. (2018). *Environmental Data Initiative* <https://doi.org/10.6073/pasta/dabc352040fa58284f78883fa9debe37>

1. Arevik Minasyan, Christophoros Christophoridis, Alan E. Wilson, Sevasti-Kiriaki Zervou, **Triantafyllos Kaloudis**, Anastasia Hiskia (2018). Diversity of cyanobacteria and the presence of cyanotoxins in the epilimnion of Lake Yerevan (Armenia). *Toxicon* 150, 28-38. <https://doi.org/10.1016/j.toxicon.2018.04.021>
2. Manthos Panou, Sevasti-Kiriaki Zervou, **Triantafyllos Kaloudis,** Anastasia Hiskia, Spyros Gkelis (2018). A Greek *Cylindrospermopsis raciborskii* strain: Missing link in tropic invader’s phylogeography tale. *Harmful Algae* 80, 96-106.

<https://doi.org/10.1016/j.hal.2018.10.002>

1. Evanthia Mantzouki, Miquel Lurling, Jutta Fastner et al. (2018). Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. *Toxins* 10(4), 156. <https://doi.org/10.3390/toxins10040156>
2. **Kaloudis, T.**, Meriluoto, J., & Blaha, L. (2017). Foreword to the Themed Issue “Cyanobacteria”. *Advances in Oceanography and Limnology, 8*(1). <https://doi.org/10.4081/aiol.2017.6674>
3. Meriluoto, J., Blaha, L., Bojadzija, G., Bormans, M., Brient, L., Codd, G. A., Drobac, D., Faassen, E. J., Fastner, J., Hiskia, A., Ibelings, B. W., **Kaloudis, T.**, Kokocinski, M., Kurmayer, R., Pantelić, D., Quesada, A., Salmaso, N., Tokodi, N., Triantis, T. M., Visser, P. M., & Svirčev, Z. (2017). Toxic cyanobacteria and cyanotoxins in European waters – recent progress achieved through the CYANOCOST Action and challenges for further research. *Advances in Oceanography and Limnology, 8*(1). <https://doi.org/10.4081/aiol.2017.6429>
4. Gkelis, S., Panou, M., Chronis, I., Zervou, S.-K., Christophoridis, C., Manolidi, K., Ntislidou, C., Triantis, T. M., **Kaloudis, T.**, Hiskia, A., Kagalou, I., & Lazaridou, M. (2017). Monitoring a newly re-born patient: water quality and cyanotoxin occurrence in a reconstructed shallow Mediterranean lake. *Advances in Oceanography and Limnology, 8*(1). <https://doi.org/10.4081/aiol.2017.6350>
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	1. **Conferences**
		1. **Invited talks**
23. **Triantafyllos Kaloudis** (2021). Taste & odor compounds with negative effects on water quality; from detection to treatment. Istanbul University, Faculty of Aquatic Sciences,11 May 2021
24. **Triantafyllos Kaloudis** (2021). Cyanobacterial metabolites with relevance to water quality; cyanotoxins, cyanopeptides and volatiles. European Algae Biomass Association (EABA), July 8, 2021 (virtual).
25. **Triantafyllos Kaloudis** (2021). Cyanobacterial metabolites with negative effects on water quality; cyanotoxins and taste & odor compounds. Seminar Series “The Engineer in Society”, University of Cyprus, 14 April 2021.
26. **Triantafyllos Kaloudis**, Christos Avagianos, Theodoros T.M. Triantis, Maria Antonopoulou, Christophoros Christophoridis, Anastasia Hiskia (2018). Algal Taste & Odor compounds: Advanced methods for detection and control. 18th International Conference on Harmful Algae (ICHA), 21-26 October, Nantes, France.
27. **Triantafyllos Kaloudis**, Sevasti Zervou, Christos Avagianos, Theodoros Triantis, Maria Antonopoulou, Christophoros Christophoridis, Anastasia Hiskia (2018). “Cyanobacterial toxins and taste & odor compounds in water; advances in detection and control”, Pharmacy and Life Sciences School, Robert Gordon University, Aberdeen, 17 November 2018.
28. **Triantafyllos Kaloudis**, Sevasti-Kiriaki Zervou, Christos Avagianos, Christophoros Christophoridis, Theodoros M. Triantis, Anastasia Hiskia, Jutta Fastner, Joseph Cotruvo, Dragan Isailovic (2017). “Evolution of analytical methods for regulatory monitoring of microcystins: Are we there yet?” 6th International Symposium “Marine and Freshwater Toxins Analysis”, Organized by the University of Vigo, 22-25 October 2017, Baiona, Spain.
29. **Triantafyllos Kaloudis** (2017)**. “**Strategies for the Analysis of Volatile and Odorous Cyanobacteria Compounds in Water”. 2nd International Water & Health Congress, Organized by by the Ministry of Health Public Health Institution of Turkey, Karadeniz Technical University, Istanbul University and Erciyes University February 13-17, Antalya, Turkey.
30. **Triantafyllos Kaloudis** (2014). “Laboratory methods for the analysis of cyanotoxins in water”, in “Water Challenges of the Future: Cyanobacteria and Human Health” Conference Organized by the University of Novi-Sad, Belgrade, 24 March 2014.
31. **Triantafyllos Kaloudis** (2014), “CYANOCOST: An International Network for Cyanobacteria and Cyanotoxins in Water Resources - COST Action ES1105” in COST Info Day Greece, Organized by the COST Association, 25 February 2014, Athens.
32. **Triantafyllos Kaloudis** (2013)**.** “Cyanobacterial Blooms and Toxins in Water Recourses: Occurrence, Impacts and Management”, Joint COST–WssTP Strategic Conference, 16‐18 April, Brussels.
	* 1. **Conference Proceedings and Abstracts**
33. Noura Alice Hammoud, Sevasti-Kiriaki Zervou, **Triantafyllos Kaloudis**, Aikaterina Paraskevopoulou, Christophoros Christophoridis, Theodoros M. Triantis, Anastasia Hiskia, Joanna Szpunar, Kamal Slim, Ryszard Lobinski (2021). Investigation on the occurrence of cyanobacterial secondary metabolites in Lebanese lake Karaoun using mass spectrometry and molecular techniques. SETAC Europe 2021 (virtual).
34. A. Paraskevopoulou, **T. Kaloudis**, A. Hiskia, T.M. Triantis (2021). Determination of volatile compounds in Spirulina food supplements using HS-SPME– GC/MS. 12th International Conference on “Instrumental Methods of Analysis” (IMA-2021), Organized by AUTH & NTUA, 20-23 September 2021.
35. S.-K. Zervou, Simon Godin, N. A. Hammoud, **T. Kaloudis**, A. Hiskia, J. Szpunar and R. Lobinski (2021). Untargeted analysis of cyanobacterial metabolites in lake Karaoun, Lebanon by LC-HRMS with CyanoMetDB. 12th International Conference on “Instrumental Methods of Analysis” (IMA-2021), Organized by AUTH & NTUA, 20-23 September 2021.
36. A. Paraskevopoulou, **T. Kaloudis**, A. Hiskia and T.M. Triantis (2021). Optimized methods for the extraction of C-phycocyanin and b-carotene from *Arthrospira spp.* (Spirulina) and their application to microalgae isolated from freshwaters of Greece. 12th International Conference on “Instrumental Methods of Analysis” (IMA-2021), Organized by AUTH & NTUA, 20-23 September 2021.
37. Sevasti – Kiriaki Zervou, **Triantafyllos Kaloudis**, Spyros Gkelis, Anastasia Hiskia and Hanna Mazur-Marzec (2020). Characterization of new anabaenopeptins from cyanobacteria of Greek lakes. Natural Toxins and Drinking Water Quality - From Source to Tap (NaToxAq) Conference (virtual), 2 October 2020, University of Copenhagen.
38. C. Christophoridis, M.-F. Touloupia, **T. Kaloudis**, E. Bizani, N. Thomaidis, A. Hiskia (2020). Degradation of cylindrospermopsin in water using ultrasonication: role of reactive radical species. Natural Toxins and Drinking Water Quality - From Source to Tap (NaToxAq) Conference (virtual), 2 October 2020, University of Copenhagen.
39. **Triantafyllos Kaloudis**, Christos Avagianos, Sevasti-Kiriaki Zervou, Anastasia Hiskia, Maria van Herk, Petra Visser, Manthos Panou, Spyros Gkelis, Nikolaos Deftereos, Phani Miskaki (2020). Seasonal geosmin production from benthic cyanobacteria in a freshwater canal, with implications for drinking water supplies. SETAC SciCon, Europe 30th Annual Meeting (online).
40. Pappas D., Adamakis S. I.-D., Gkelis S., **Kaloudis T.**, Panteris E. (2019). Preliminary observations on the effects of cyanobacterial Volatile Organic Compounds (VOCs) on *Arabidopsis thaliana*. 16th National Conference of the Hellenic Botanical Society, Athens, Greece.
41. Antonopoulou M., Ioannidis N., Avagianos C., **Kaloudis T.**, Triantis T., Hiskia A. (2019). Evaluation of advanced drinking water treatment processes by a combination of powerful mass spectrometric techniques and epr spectroscopy. 11th International Conference on "Instrumental Methods of Analysis" (IMA-2019), Ioannina, Greece.
42. C. Christophoridis, M.-F. Touloupi, **T. Kaloudis**, T. Triantis, A. Hiskia (2019). Influence of operating parameters on the sonolytic degradation efficiency of model compound 2,4-dichlorophenol. 17th International Conference on Chemistry & the Environment ICCE, Thessaloniki, Greece.
43. Nikolopoulou V.I., Nika M.C., Aalizadeh R., Miskaki P., **Kaloudis T.**, Deftereos N., Avagianos C. and Thomaidis N. (2019). Determination of Emerging Contaminants in Surface Water Resources of EYDAP following wide-scope Target and Non-Target Screening. 15th International Conference on Environmental Science and Technology CEST, Rhodes, Greece, 31 August to 2 September 2017.
44. Theodoros Triantis, **Triantafyllos Kaloudis**, Anastasia Hiskia (2019). Evaluation of Photocatalytic Materials for Water Purification: Overview of the New CEN Standard Test. 15th International Conference on Environmental Science and Technology CEST, Rhodes, Greece, 31 August to 2 September 2017.
45. Christophoridis C., Pestana C.J., **Kaloudis T.**, Lawton L., Hiskia A. (2019). Radiation-induced degradation products of 2-methylisoborneol and geosmin: the role of different reactive species. 15th International Conference on Environmental Science and Technology CEST, Rhodes, Greece, 31 August to 2 September 2017.
46. **Triantafyllos Kaloudis**, Reyhan Akcaalan, Ricard Devesa-Garriga, Martin Steinhaus, Emanuela Testai, Anastasia Hiskia, Theodoros Triantis, Galina Dimova-Boykinova, Radoslav Tonev, Christos Avagianos, Popi Karaolii, Latife Koker, Kristel Panksep (2019). Taste and Odor in Early Diagnosis of Source and Drinking Water Problems – WaterTOP COST Action. 2nd Int. Environmental Chemistry Conference EnviroChem, Antalya, Turkey.
47. Aldo Aquino Cruz, Daniela Melissa Torres Calderón, Sevasti-Kiriaki Zervou, **Triantafyllos Kaloudis**, Anastasia Hiskia, Carmen Paulina López Rodríguez, Oralia Nájera Medina, Celia María Bulit Gámez (2019). Cianoprocariotas cocoides y su influencia en la cianotoxicidad en un lago hipereutrófico de la Ciudad de México durante el 2018. V Congreso National de la SOMEFAN 2019, 23-27 Septiembre 2019, Centro Universitario de la Costa, Puerto Vallarta, Mexico.
48. L. Tartaglione, F. Varriale, C.O Miles, S.-K. Zervou, H. Mazur-Marzec, A. Hiksia, **T. Kaloudis**, C. Dell’Aversano (2019). LC-HRMSn versus LC-tandem-MS: a comparative approach for the identification of cyanotoxins in cyanobacterial biomass. 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland.
49. S.-K. Zervou, M. Krokidis, C. Christophoridis, T.M. Triantis, **T. Kaloudis**, A. Hiksia (2019). Analysis of microcystins in environmental samples – a comparison study of ELISA, PPIA and LC-MS/MS. 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland.
50. Christophoros Christophoridis, Iraklis Argyropoulos, **Triantafyllos Kaloudis**, Theodoros M. Triantis, Anastasia Hiskia (2019). Determination of cyanotoxins in fish tissue: matrix-interference challenges. 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland.
51. K. Manolidi, T.M. Triantis, **T. Kaloudis**, A. Hiskia (2019). Dual cartridge SPE method for extraction of different variants of saxitoxins and HILIC-MS/MS analysis. 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland.
52. D. Pappas, S. Gkelis, **T. Kaloudis,** E. Panteris (2019). “I smell trouble”: cyanobacterial volatile organic compounds (VOCs) affect the root of *arabidopsis thaliana*. 11th International Conference on Toxic Cyanobacteria (ICTC11), 5-10 May 2019, Krakow, Poland.
53. **T. Kaloudis** (2018). Emerging (organic) pollutants in the context of Water Safety Plans. Workshop, INN-NCSR Demokritos Industrial Fellowships Program 2017-2020, 10 October 2018.
54. A. Hiskia, C. Christophoridis, S.-K. Zervou, K. Manolidi, T. M. Triantis and **T. Kaloudis** (2018). Occurrence of cyanotoxins in Greek lakes. SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome.
55. **Triantafyllos Kaloudis**, Christos Avagianos, Javier Diaz-Alvarez, Manthos Panou, Sevasti-Kiriaki Zervou, Markella Pisania, Christophoros Christophoridis, Theodoros M. Triantis, Anastasia Hiskia, Spyros Gkelis (2018). Cyanobacteria taste and odor compounds; a study in freshwaters of Greece. SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome.
56. Christos Avagianos, Markella Pisania, **Triantafyllos Kaloudis** (2018). Smelly HABs: response-surface optimized HS-SPME-GC/MS method for monitoring multi-class HAB odor compounds in water. SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome.
57. Anastasia Hiskia, **Triantafyllos Kaloudis**, Theodoros M. Triantis, Christophoros Christophoridis, Sevasti-K. Zervou, Korina Manolidi (2018). Cyanobacterial toxins as an emerging public health risk: occurrence in inland waters of Greece. 1st Scientific Symposium “Health and Climate Change”, Istituto Superiore di Sanita, 3-5 December 2018, Rome.
58. **Triantafyllos Kaloudis** (2018). Emerging (organic) pollutants in the context of Water Safety Plans. Industrial Fellowships Program 2017-2020 Workshop, INN- NCSR Demokritos, 10 October 2018.
59. A. Hiskia, T.M. Triantis, **T. Kaloudis,** C. Christophoridis (2018). Advanced Oxidation Treatment of Cyanotoxins: Elucidation of Degradation Pathways. 18th International Conference on Harmful Algae (ICHA), 21-26 October 2018, Nantes, France.
60. Tartaglione Luciana, Varriale Fabio, Casabianca Silvia, Capellacci Samuela, Penna Antonella, Giacobbe Maria Grazia, Turner Andrew, Hiskia Anastasia, **Kaloudis Triantafyllos**, Dell’Aversano Carmela (2018). LC-High resolution MS and LC- tandem MS as complementary tools for a comprehensive toxin analysis in environmental and food matrices. 18th International Conference on Harmful Algae (ICHA), 21-26 October 2018, Nantes, France.
61. Sevasti – Kiriaki Zervou, Christophoros Christophoridis, **Triantafyllos Kaloudis,** Theodoros M. Triantis, Anastasia Hiskia (2018). Analysis of cyanotoxins in cyanobacterial biomass using LC-MS/MS. 11th Aegean Analytical Chemistry Days, organized by the National and Kapodistrian University of Athens, 25-29 September 2018, Chania, Greece.
62. Anastasia Hiskia, **Triantafyllos Kaloudis**, Theodoros M. Triantis (2018). Transformation products of cyanotoxins. 1st Meeting on Natural Toxins in Honor of Cesare Montecucco, organized by the Italian Society of Toxicology (SITOX), 6-7 September 2018 Padova.
63. Luciana Tartaglione, Carmela Dell’Aversano, Anastasia Hiskia, **Triantafyllos Kaloudis** (2018). LC-High resolution MSn and LC-Tandem mass spectrometry for a data merging of a Greek cyanobacteria biomass from Lake Kastoria. 1st Meeting on Natural Toxins in Honor of Cesare Montecucco, organized by the Italian Society of Toxicology (SITOX), 6-7 September 2018 Padova.
64. **Triantafyllos Kaloudis** (2018). CYANOCOST: International network for toxic cyanobacteria and cyanotoxins in water resources. 1st Cyanobacteria Twitter Conference “Climate Change Effects on Cyanobacterial Blooms and its Management”, organized by the Australian Rivers Institute (ARI), 24 October 2018.
65. A. Hiskia, S-K. Zervou, K. Manolidi,C. Christophoridis**, T. Kaloudis**, T.M. Triantis (2017). “Development of work-flows for the determination of multi-class cyanotoxins in biomass and water”. 6th International Symposium “Marine and Freshwater Toxins Analysis”, Organized by the University of Vigo, 22-25 October 2017, Baiona, Spain.
66. S-K. Zervou, **T. Kaloudis**, T.M. Triantis, A. Hiskia, H. Mazur-Marzec (2017). “Structural elucidation of toxic and “non-toxic” peptide variants of cyanobacteria”. 6th International Symposium “Marine and Freshwater Toxins Analysis”, Organized by the University of Vigo, 22-25 October 2017, Baiona, Spain.
67. C. Christophoridis, S. Zervou, **T. Kaloudis**, A. Hiskia (2017). “Analytical strategies for suspect and non-target screening of cyanobacterial toxins”. 6th International Symposium “Marine and Freshwater Toxins Analysis”, Organized by the University of Vigo, 22-25 October 2017, Baiona, Spain.
68. T.M. Triantis, A.M. Baltamonde Santos, D. Bahnemann, C. Byrne, M. Cernik, R. Dillert, M. Faraldos Izquierdo, C. Guillard, D. Hermosilla, J. Jirkovsky, N. Jungerth, P. Kaluzny, B. Kartheuser, H. Krafft, J. Krysa, S. Lacombe, J. Leenders, A. Mills, C. Minero, F. Neumann, F. Peterka, S.C. Pillai, A. Piscopo, **T. Kaloudis**, A. Hiskia (2017). Development of a European standard: Test method for water purification performance of photocatalytic materials by measurement of phenol degradation, 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP 5), 25-29 June2017, Prague, Czech Republic.
69. C. Christophoridis, S-K. Zervou, K. Manolidi, T.M. Triantis, **T. Kaloudis**, A. Hiskia (2017). “Determination of Cyanotoxins: The Need of Multi-Class Validated Methods”. Satellite Event “Algae Toxins: Methods and Challenges” ACSenvr-CYANOCOST, 16th International Conference on Chemistry and the Environment (ICCE2017), 18 June 2017, Oslo, Norway.
70. **T. Kaloudis**, L. Blaha, G.A. Codd, A. Hiskia, J. Meriluoto, Z. Svircev, A. Quesada, P. Visser (2017). “Knowledge and information resources for the management of toxic cyanobacteria”. Satellite Event “Algae Toxins: Methods and Challenges” ACSenvr-CYANOCOST, 16th International Conference on Chemistry and the Environment (ICCE2017), 18 June 2017, Oslo, Norway.
71. K. Manolidi, C. Christophoridis, **T. Kaloudis**, T. Triantis, A. Hiskia (2017). Method Development For The Extraction And Analysis Of Neurotoxin Amino Acids (BMAA, DAB, AEG) In Cyanobacterial Mass and Spirulina Supplements Using LC-MS/MS. 16th International Conference on Chemistry and the Environment - ICCE2017, Satellite event -- Algae toxins: Methods and challenges (ACS-Envr), Oslo, Norway, June 18-22, 2017.
72. C.J. Pestana, **T. Kaloudis**, C. Christophoridis, T.M. Triantis, L.A. Lawton, A. Hıskıa, “Effects of radiolytically produced reactive species on 2-methylisoborneol and geosmin in water“, 15th International Conference on Environmental Science and Technology (CEST 2017), Rhodes, Greece, August 31 - September 2, 2017.
73. C. Christophoridıs, I. Argyropoulos, V. Mpampouris, **T. Kaloudis**, T.M. Triantis, A. Hiskia (2017). “Analysis of multi-class cyanotoxins in fish tissue. Application to fish from Greek lakes“, 15th International Conference on Environmental Science and Technology (CEST 2017), Rhodes, Greece, August 31 - September 2, 2017.
74. C. Avagianos, M. Pisania and **T. Kaloudis** (2017). “Optimization of a HS-SPME-GC/MS method for analysis of multi-class off-odor compounds in water”. 15th International Conference on Environmental Science and Technology (CEST 2017), Rhodes, Greece, August 31 - September 2, 2017.
75. Sevasti-Kiriaki Zervou, **Triantafyllos Kaloudis**, Theodoros M. Triantis, Anastasia Hiskia & Hanna Mazur-Marzec (2017). “New peptide metabolites in cyanobacterial blooms from Greek lakes”. Mass Spectrometry in Biotechnology and Medicine (MSBM) Summer School, International Mass Spectrometry Foundation, Dubrovnik, Croatia, 2-8 July 2017.
76. Javier Diaz Alvarez, Chris Avagianos, Markella Pisania, Manthos Panou, Theodoros M. Triantis, Anastasia Hiskia, Spyros Gkelis and **Triantafyllos Kaloudis** (2016). “Volatile and odorous metabolite profiles of cyanobacteria strains isolated from Greek freshwaters”. 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China.
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78. Zervou Sevasti-Kiriaki, Gkelis Spyros, **Kaloudis Triantafyllos**, Triantis Theodoros M., Hiskia Anastasia, Mazur-Marzec Hanna (2016). Structural elucidation of new cyanobacterial peptide variants from Greek lakes. 10th International Conference on Toxic Cyanobacteria (ICTC10), 23-28 October 2016, Wuhan, China.
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142. **Τ. Kaloudis** (2006), “Quality and Creativity”, Proceedings of a Conference “Quality in the Public Sector”, organized by Eco-Q, The Greek Quality Forum and the Hellenic Ministry of Transport and Communications in Athens.
143. E. Farmaki, **T. Kaloudis**, K. Dimitrou, N. Thanasoulias, L. Kousouris and F. Tzoumerkas (2005), “Validation of an FT-IR method for the determination of oils and grease in water by using tetrachloroethylene as the extraction solvent”, Proceedings of the 9th International Conference on Environmental Science and Technology, Rhodes Island, Greece, 1-3 September 2005.
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151. **Τ. Kaloudis** (1998), “Food Irradiation – Present Status and Perspectives”, Proceedings of the 2nd Symposium “Quality and Competitiveness in the Food Industry”, p.330, Athens.
152. **T. Kaloudis**, E. Vrachnou and D. Katakis, (1995) “Radiation Chemical Methods in Water Treatment”, Proceedings of the 4th Conference of Environmental Science and Technology, Vol. Α’, p.694, Lesvos, Greece.
153. **T. Kaloudis**, E. Vrachnou and D. Katakis (1993) “Oxidation of organic pollutants with ionizing radiation – Effect of iron salts”, Proceedings of the 3rd Conference of Environmental Science and Technology, Vol. B’, p.377, Lesvos, Greece.
	* 1. **Other talks**
154. **Triantafyllos Kaloudis** (2019). Emerging pollutants in drinking water: New challenges in the light of the forthcoming recast EU-DWD. Drinking Water Quality Symposium. Association of Greek Chemists, 23 February 2019, Athens, Greece.
155. **Triantafyllos Kaloudis** (2018). Emerging pollutants: new challenges for research and management of water resources. 53rd Summer School, NCSR Demokritos, 2-13 July 2018, Athens, Greece.
	1. **Training publications**
156. **Triantafyllos Kaloudis** (2010), “Detection of taste, odour and colour variations in raw and drinking water”, Manual, Training School EYDAP SA.
157. **T. Kaloudis**, N. Thanassoulias, A. Tsakou, M. Economopoulou (2010), “Drinking water quality monitoring in distribution networks”, Manual, Training School EYDAP SA.
158. **T. Kaloudis**, Z. Melambianaki, N. Thanassoulias (2010), “Quality problems in drinking water”, Manual, Training School EYDAP SA.
159. **T. Kaloudis**, (2010), “Chemical reactions in drinking water treatment”, Manual, Training School EYDAP SA.
	1. **Other studies/reports**
160. S. Gkelis, T. Triantis, C. Christophoridis, **T. Kaloudis**, A. Hiskia (2016), “Study of methods for extraction and production of Phycocyanin-C from Arthrospira (Spirulina) biomass”.Aristotle University of Thessaloniki, Project No 92954.
	1. **Publicized articles**
161. **Triantafyllos Kaloudis**, Ludek Blaha, Anastasia Hiskia, Zorica Svircev, Linda Lawton, Kaarina Sivonen, Geoffrey Codd, Petra Visser, Luc Brient, Antonio Quesada (2013), “Towards Safe Waters”, International Innovation – Environment, April 2013, pp. 85-87.

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1. **Organization of International Conferences and Conference Sessions**
2. Co-Chair Session 6.03. Marine and freshwater pelagic and benthic harmful algal blooms: Toxins production, detection, fate, effects, monitoring and management. **SETAC SciCon – Europe 30th Annual Meeting** (virtual).
3. Co-Chair of Session “Drinking water treatment – Focus on technologies for emerging pollutants”, **16th International Conference on Environmental Science and Technology -CEST2019**, 4-7 September 2019, Rhodes, Greece (Chairs: Dionysios Dionysiou, Triantafyllos Kaloudis, Anastasia Hiskia, Polycarpos Falaras).
4. Member of the Organizing Committee of the **11th International Conference on Toxic Cyanobacteria (ICTC11),** 5-10 May 2019, Krakow, Poland.
5. Co-Chair of Session “Mitigation of HABs and water treatment technologies”, **18th International Conference on Harmful Algae (ICHA2018)**, 21-26 October 2018, Nantes, France (Chairs: Petra Visser, Triantafyllos Kaloudis, Jean-Francois Humbert).
6. Member of the International Advisory Committee of the **18th International Conference on Harmful Algae (ICHA2018)**, 21-26 October 2018, Nantes, France.
7. Co-Chair of the **6th International Symposium “Marine and Freshwater Toxins Analysis”**, Organized by the University of Vigo, 22-25 October 2017, Baiona, Spain. (Chairs: Ana Gago-Martinez and Triantafyllos Kaloudis).
8. Co-Chair of the Satellite Event **“Algae Toxins: Methods and Challenges”** ACSenvr-CYANOCOST, 16th International Conference on Chemistry and the Environment (ICCE2017), 18 June 2017, Oslo, Norway. (Chairs: Bryan Brooks, Dionysios (Dion) Dionysiou, George Cobb and Triantafyllos Kaloudis).
9. Co-Chair of the Satellite Event **“Cyanobacteria and Cyanotoxins in Aquatic Environments”** ACSenvr-CYANOCOST, EuCheMS International Conference on Chemistry and the Environment (ICCE2013), 25 June 2014, Barcelona, Spain (co-Chairs: Antonio Quesada, Dionysios Dionysiou and Triantafyllos Kaloudis).
10. Co-Chair of the International Workshop **“Cyanotoxins in Freshwaters – Advances in Analysis, Occurrence and Treatment”**, Organized by CyanoWater and CYANOCOST, Athens, 5 May 2014. (Chairs: Anastasia Hiskia, Theodoros M. Triantis and Triantafyllos Kaloudis).
11. **Editorial activities**
12. Editorial Board Member, *Toxins (MDPI)*, Section: Marine and Freshwater Toxins. <https://www.mdpi.com/journal/toxins/sectioneditors/marine_and_freshwater>
13. Co-Editor, book: “Water treatment for purification from cyanobacteria and cyanotoxins”, A. Hiskia, D. Dionysiou, A. Antoniou, T. Kaloudis, T. Triantis (Eds), John Wiley & Sons, Ltd. 2020, ISBN:9781118928615, <https://onlinelibrary.wiley.com/doi/book/10.1002/9781118928677>
14. Series Editor, “Chemistry in the Environment”, The Royal Society of Chemistry (Editor-in-Chief: Dionysios Dionysiou, Series Editors: Rajasekhar Balasubramanian, Triantafyllos Kaloudis, Rafael Luque). <http://pubs.rsc.org/bookshop/collections/series?issn=2516-2624>
15. Guest Editor, Special Issue “Water taste and odour (T&O): challenges, gaps and solutions”, Chemical Engineering Journal Advances (2020-2021), Eds. Triantafyllos Kaloudis, Andrea Dietrich, Arash Zamyadi, Tsair-Fuh Lin, Ana Rita Lado Ribeiro.

<https://www.journals.elsevier.com/chemical-engineering-journal-advances/call-for-papers/water-taste-and-odour-to-challenges-gaps-and-solutions>

1. Guest Editor, Special Issue "Cyanotoxins in Bloom: Ever-Increasing Occurrence and Global Distribution of Freshwater Cyanotoxins from Planktic and Benthic Cyanobacteria", *Toxins* (2020-2021) Eds. T. Kaloudis, Anastasia Hiskia, Theodoros Triantis.

<https://www.mdpi.com/journal/toxins/special_issues/Cyanotoxins_Bloom>

1. Guest Editor, Special Issue "Water Quality Optimization", *Water* (2020-2021), Eds. G. Besseris, T. Kaloudis. <https://www.mdpi.com/journal/water/special_issues/water_quality_optimization>
2. Guest Editor, Special Issue "Advances in Water Quality Monitoring and Assessment of Aquatic Toxicity", *International Journal of Environmental Research and Public Health* (2020-2021), Eds. Magdalena Toporowska, Agnieszka Budzyńska, Triantafyllos Kaloudis.

<https://www.mdpi.com/journal/ijerph/special_issues/AWQMAAT>

1. **Other professional activities**
2. Member of the European Committee for Standardization (CEN) Technical Committee CEN-TC 386 “Photocatalysis” – Working Group 3 “Water Purification”.
3. Member of the International Organization for Standardization (ISO) Technical Committee (TC) 147 “Water Quality”, Sub Committee SC 2 “Physical, chemical and biochemical methods”.
4. Reviewer for Journals: *Water Research (IWA-Elsevier)*, *Industrial & Engineering Chemistry Research (American Chemical Society), Applied Catalysis B: Environmental, Environmental Science & Technology Letters, Chemosphere, Environmental Nanotechnology - Monitoring & Management, Toxicon (Elsevier), Analytical Methods, RSC Advances (Royal Society of Chemistry), Marine Drugs, Toxins, Journal of Marine Science and Engineering (MDPI), Environmental Monitoring and Assessment (Springer)..*
5. Reviewer of research proposals for funded projects (national, European).
6. Reviewer of The U.S. Environmental Protection Agency (EPA), Science to Achieve Results (STAR) program grants (HABs).
7. External expert for COST Association, Brussels. Reviewer of COST proposals [www.cost.eu](http://www.cost.eu)
8. Editor of CYANOnews, a bimonthly Newsletter of the CYANOCOST Network (ES 1105 COST Action). Available at [www.cyanocost.net](http://www.cyanocost.net) .
9. Administrator of the CYANOCOST, [www.cyanocost.net](http://www.cyanocost.net) and WaterTOP [www.watertopnet.eu](http://www.watertopnet.eu) websites.
10. **Memberships in professional associations**
* Member of the American Chemical Society, ACS [www.acs.org](http://www.acs.org)
* Senior Member of the American Society for Quality, ASQ [www.asq.org](http://www.asq.org)
* Member of the International Water Association IWA, [www.iwahq.org](http://www.iwahq.org)
* Member of WssTP, The European Water Platform, wsstp.eu
* Member of the Hellenic Mass Spectrometry Society, HMSS [www.hmss.gr](http://www.hmss.gr)
* Member of the Italian Society of Toxicology, SITOX [www.sitox.org](http://www.sitox.org)
* Member of the Association of Greek Chemists, AGC [www.eex.gr](http://www.eex.gr)

**T. Kaloudis in professional/research networks:**

ResearchGate: <https://www.researchgate.net/profile/Triantafyllos_Kaloudis>

Google Scholar Citations: <http://scholar.google.gr/citations?user=EiIHSK0AAAAJ&hl=en>

ORCID: <http://orcid.org/0000-0003-1909-0256>

[Scopus Author ID: 16304201900](http://www.scopus.com/inward/authorDetails.url?authorID=16304201900&partnerID=MN8TOARS)