

CURRICULUM VITAE

Triantafyllos Kaloudis

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1. Education

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.

2. Employment history

a. Full-time

Jun 2003 - present **Head of Organic Micropollutants Laboratory**
Athens Water Supply and Sewerage Company (EYDAP SA)
Division of Quality.

Sep 2014 - present **Quality Manager, Analytical Laboratories**
Athens Water Supply and Sewerage Company (EYDAP SA)
Department of Water Quality

Feb 2000–Jun 2003 **Head of Industrial Waste Water 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

b. Part-time

Apr 2005 - present **Auditor – Testing Laboratories (ISO 17025)**
Hellenic Accreditation System (E.SY.D.)
www.esyd.gr

May 2005-present **Adjunct Researcher**
NCSR Demokritos
Institute 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 Employed
ISO 9001- HACCP systems and Industrial Research Projects.

3. Professional skills and experience highlights

- More than 20 years’ experience in **chemical analysis of contaminants** – pollutants (pesticides, PAHs, VOCs, phenols, natural toxins etc) in **water, food and environmental samples**.
- Expert in GC/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). 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).

4. Professional certification

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

5. Continuous education - training

<i>Jun 2009</i>	Methods in Micro-Nano Technology and Nanobiotechnology, NCSR Demokritos, Summer School, 22-26 June 2009.
<i>Jul 2008</i>	Training in LC-MS/MS and ELISA methods for the determination of water pollutants. US Environmental Protection Agency (EPA), Cincinnati, Ohio, USA
<i>Apr 2007</i>	LC/MS/MS training. a. Rigas Labs – 5 days. b. Laboratory of Catalytic - Photocatalytic Processes (Solar Energy – Environment), NCSR “Demokritos” – 5 days.
<i>Mar 2007</i>	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.
<i>Mar - Jun 2002</i>	“Project Management with Primavera Software” KEK EYDAP SA - 150 hrs
<i>Dec 2001</i>	“Foundation Course in Environmental Auditing” Integra Environmental SA – 40 hrs
<i>Jun 2001</i>	“QMS Auditor – Lead Auditor (ISO 9001:2000)”, IRCA Registered Rowe Parker Associates – 40 hrs.
<i>Apr 2001</i>	“Quality Function Deployment – QFD” Eco-Q, 8hrs
<i>Dec 2000</i>	“Uncertainty of Measurement for Testing and Calibration Laboratories in association with ISO/IEC 17025” United Kingdom Accreditation Service (UKAS), 16 hrs
<i>Jul 2000</i>	“Laboratory Accreditation” Bureau Veritas, 8 hrs
<i>Jun 1994</i>	“ HPLC and GC/MS applications in Environmental Analysis” Analytiki SA, 16 hrs.
<i>May – Aug 1993</i>	“Radiation Chemistry, Chemical Kinetics and Analytical Techniques”

- Sep 1992* On the job training,
Beer-Sheva University and the Hebrew University of Jerusalem, Israel.
“Modern techniques for the treatment of drinking and waste water”
Ecole Polytechnique Fédérale de Lausanne, Switzerland – 40 hrs.
- Sep1991–Jun1992* Graduate School
Institute of Physical Chemistry, NCSR Demokritos

6. Research projects (funded)

a. As Coordinator

1. Chair, COST Action ES 1105 “CYANOCOST - Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management”, 2012-2016, (approx. 750 k€)
www.cyanocost.com
2. Coordinator, 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€).

b. As member of the research group

1. “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.
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.
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.

7. Publications

7.1. Dissertations

1. **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.
2. **T. 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).

7.2. Book chapters

1. Anastasia Hiskia, Theodoros M. Triantis, Maria G. Antoniou, Armah A. de la Cruz, Kevin O'Shea, Weihua Song, Theodora Fotiou, **Triantafyllos Kaloudis**, Xuexiang He, Joel Andersen and Dionysios D. Dionysiou (2014), "Transformation Products of Hazardous Cyanobacterial Metabolites in Water" in "Transformation Products of Emerging Contaminants in the Environment: Analysis, Processes, Occurrence, Effects and Risks", Ed. D. Lambropoulou, L. Nollet, John Wiley & Sons. ISBN: 978-1-118-33959-6
<http://eu.wiley.com/WileyCDA/WileyTitle/productCd-1118339592.html>
2. M. Antoniou, A. de la Cruz, 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, V. Sharma (2013), "Practices that Prevent the Formation of Cyanobacterial Blooms in Water Resources and remove Cyanotoxins during Physical Treatment of Drinking Water", In book: Comprehensive Water Quality and Purification (WAQP), Edition: Vol. 2, Publisher: Elsevier, Editors: S. Ahuja. ISBN: 978-0-12-382182-9
<https://www.elsevier.com/books/comprehensive-water-quality-and-purification/ahuja/978-0-12-382182-9>
3. Miguel Pelaez, Maria G Antoniou, Xuexiang He, Dionysios D Dionysiou, Armah A de la Cruz, Katerina Tsimeli, Theodoros Triantis, Anastasia Hiskia, **Triantafyllos Kaloudis**, Christopher Williams, Mark Aubel, Andrew Chapman, Amanda Foss, Urooj Khan, Kevin E O'Shea, and Judy Westrick (2009), "Sources and Occurrence of Cyanotoxins Worldwide" in D. Fatta-Kassinos et al. (eds.), "Xenobiotics in the Urban Water Cycle: Mass Flows, Environmental Processes, Mitigation and Treatment Strategies", Environmental Pollution, Vol. 16, Springer Science + Business Media B.V. ISBN: 978-90-481-3508-0
<http://link.springer.com/book/10.1007/978-90-481-3509-7>

7.3. Publications in peer-reviewed journals

1. Theodora Fotiou, Theodoros Triantis, **Triantafyllos Kaloudis**, Anastasia Hiskia (2014), "Photocatalytic degradation of cylindrospermopsin under UV-A, solar and visible light

- using TiO₂. Mineralization and intermediate products”, *Chemosphere (in press, corrected proof)*. DOI: 10.1016/j.chemosphere.2014.04.045
<http://www.sciencedirect.com/science/article/pii/S0045653514005311>
2. T Fotiou, TM Triantis, **T Kaloudis**, A Hiskia (2014), “Evaluation of the photocatalytic activity of TiO₂ based catalysts for the degradation and mineralization of cyanobacterial toxins and water off-odor compounds under UV-A, solar and visible light”, *Chemical Engineering Journal (in press, corrected proof)*. DOI: 10.1016/j.cej.2014.03.095
<http://www.sciencedirect.com/science/article/pii/S1385894714003842>
 3. Theodora Fotiou, Theodoros M Triantis, **Triantafyllos Kaloudis**, Elias Papaconstantinou, Anastasia Hiskia (2014), “Photocatalytic degradation of water taste and odour compounds in the presence of polyoxometalates and TiO₂: Intermediates and degradation pathways”, *Journal of Photochemistry and Photobiology A: Chemistry* 286, pp. 1-9. DOI: 10.1016/j.jphotochem.2014.04.013
<http://www.sciencedirect.com/science/article/pii/S1010603014001476>
 4. **Triantafyllos Kaloudis**, Sevasti-Kiriaki Zervou, Katerina Tsimeli, Theodoros M Triantis, Theodora Fotiou, Anastasia Hiskia (2013), “Determination of microcystins and nodularin (cyanobacterial toxins) in water by LC–MS/MS. Monitoring of Lake Marathonas, a water reservoir of Athens, Greece”, *Journal of Hazardous Materials*, 263(1), pp. 105-115. DOI: 10.1016/j.jhazmat.2013.07.036
<http://www.sciencedirect.com/science/article/pii/S0304389413005153>
 5. Theodora Fotiou, Theodoros M Triantis, **Triantafyllos Kaloudis**, Luisa M Pastrana-Martinez, Vlassis Likodimos, Polycarpos Falaras, Adrián MT Silva, Anastasia Hiskia (2013), “Photocatalytic Degradation of Microcystin-LR and Off-Odor Compounds in Water under UV-A and Solar Light with a Nanostructured Photocatalyst Based on Reduced Graphene Oxide–TiO₂ Composite. Identification of Intermediate Products”, *Industrial & Engineering Chemistry Research*, 52 (39), pp 13991–14000. DOI: 10.1021/ie400382r
<http://pubs.acs.org/doi/abs/10.1021/ie400382r>
 6. Armah 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, Dionysios D Dionysiou (2013), “A review on cylindrospermopsin: the global occurrence, detection, toxicity and degradation of a potent cyanotoxin”, *Environ. Science: Processes Impacts*, 15, pp. 1979-2003. DOI: 10.1039/C3EM00353A
<http://pubs.rsc.org/en/content/articlelanding/2013/em/c3em00353a#ldivAbstract>
 7. Xuexiang He, Miguel Pelaez, Judy A Westrick, Kevin E O'Shea, Anastasia Hiskia, Theodoros Triantis, **Triantafyllos Kaloudis**, Mihaela I Stefan, Armah A de la Cruz, Dionysios D Dionysiou (2012), “Efficient removal of microcystin-LR by UV-C/H₂O₂ in synthetic and natural water samples”, *Water Research*, 46(5), pp. 1501-1510. DOI: 10.1016/j.watres.2011.11.009
<http://www.sciencedirect.com/science/article/pii/S0043135411006816>

8. Virender K Sharma, Theodoros M Triantis, Maria G Antoniou, Xuexiang He, Miguel Pelaez, Changseok Han, Weihua Song, Kevin E O'Shea, Armah A de la Cruz, **Triantafyllos Kaloudis**, Anastasia Hiskia, Dionysios D Dionysiou (2012), "Destruction of microcystins by conventional and advanced oxidation processes: A review", *Separation & Purification Technology*, 91(3), pp. 3-17. DOI: 10.1016/j.seppur.2012.02.018
<http://www.sciencedirect.com/science/article/pii/S1383586612001098>
9. TM Triantis, T Fotiou, **T Kaloudis**, AG Kontos, P Falaras, DD Dionysiou, M Pelaez, A Hiskia (2012), "Photocatalytic degradation and mineralization of microcystin-LR under UV-A, solar and visible light using nanostructured nitrogen doped TiO₂", *Journal of Hazardous Materials*, 211-212, pp. 196-202. DOI: 10.1016/j.jhazmat.2011.11.042
<http://www.sciencedirect.com/science/article/pii/S0304389411014087>
10. Theodoros Triantis, Katerina Tsimeli, **Triantafyllos Kaloudis**, Nicholas Thanassoulas, Efthymios Lytras, Anastasia Hiskia (2010) "Development of an integrated laboratory system for the monitoring of cyanotoxins in surface and drinking waters", *Toxicon*, 55(5), pp.979-989. DOI: 10.1016/j.toxicon.2009.07.012
<http://www.sciencedirect.com/science/article/pii/S0041010109003705>
11. Ioannis K Dimitrakopoulos, **Triantafyllos S Kaloudis**, Anastasia E Hiskia, Nikolaos S Thomaidis, Michael A Koupparis (2010), Development of a fast and selective method for the sensitive determination of anatoxin-a in lake waters using liquid chromatography–tandem mass spectrometry and phenylalanine-*d*₅ as internal standard", *Analytical & Bioanalytical Chemistry*, 397(6), pp. 2245-2252. DOI: 10.1007/s00216-010-3727-3
<http://link.springer.com/article/10.1007/s00216-010-3727-3>
12. E Farmaki, **T Kaloudis**, K Dimitrou, N Thanasoulas, L Kousouris, F Tzoumerkas (2007), "Validation of a FT-IR method for the determination of oils and grease in water using tetrachloroethylene as the extraction solvent", *Desalination* 210(1-3), 52-60. DOI: 10.1016/j.desal.2006.05.032
<http://www.sciencedirect.com/science/article/pii/S0011916407001671>
13. A Trichopoulou, E Vasilopoulou, P Hollman, Ch Chamalides, E Foufa, **Tr Kaloudis**, D Kromhout, Ph Miskaki, I Petrochilou, E Poulima, K Stafilakis, D Theophilou (2000), "Nutritional composition and flavonoid content of edible wild greens and green pies: a potential rich source of antioxidant nutrients in the Mediterranean diet", *Food Chemistry*, 70(3), pp. 319-323. DOI: 10.1016/S0308-8146(00)00091-1
<http://www.sciencedirect.com/science/article/pii/S0308814600000911>

7.4. Publications in proceedings of International Conferences (full paper reviewed)

1. S.-K. Zervou, C. Christophoridis, **T. Kaloudis**, T. Triantis, A. Hiskia (2014), "Development and optimization of an SPE, LC-MS/MS method for the simultaneous determination of 24 pesticides in water using experimental design", 8th European Conference on Pesticides and Related Organic Micropollutants in the Environment", Sep. 18-21, 2014, Ioannina, Greece.

2. Anastasia Hiskia, Theodora Fotiou, Theodoros Triantis, **Triantafyllos Kaloudis** (2014), "Photocatalytic Degradation of Microcystin-LR under Visible Light using doped TiO₂", 5th EuCheMS Chemistry Congress, Istanbul, Turkey.
3. Christophoros Christophoridis, Aikaterini Droungou, Sevasti-Kiriaki Zervou, Theodoros Triantis, **Triantafyllos Kaloudis**, Anastasia Hiskia (2014), "Simultaneous determination of cyanotoxins Cylindrospermopsin and Anatoxin-a in water using LC-MS/MS. Optimization of extraction with experimental design" 5th EuCheMS Chemistry Congress, Istanbul, Turkey.
4. C. Christophoridis, T. Fotiou, T. Triantis, **T. Kaloudis**, A. Hiskia (2014), "Preparation, characterization and photocatalytic activity of TiO₂ impregnated with polyoxometalate H₃PW₁₂O₄₀", 3rd FMOCS – PoCheMoN Frontiers in Metal-Oxide Cluster Science Symposium & European conference "Polyoxometalate Chemistry for Molecular Nanoscience", Château de Maffliers, France.
5. Christophoros Christophoridis, M. Kontaxaki, T. Fotiou, T. Triantis, **T. Kaloudis**, A. Hiskia (2014), "Photocatalytical degradation of cyanotoxin Cylindrospermopsin (CYN) using polyoxometalate H₃PW₁₂O₄₀, TiO₂ and impregnated TiO₂-POM" 3rd FMOCS – PoCheMoN Frontiers in Metal-Oxide Cluster Science Symposium & European conference "Polyoxometalate Chemistry for Molecular Nanoscience", Château de Maffliers, France.
6. A. Hiskia, T. Fotiou, T. Triantis, **T. Kaloudis** (2014), "Photocatalytic Degradation of Cyanobacterial Metabolites MC-LR, CYN, MIB and GSM under Visible Light", SPEA 8 – 8th European Meeting on Solar Energy and Photocatalysis: Environmental Applications, Thessaloniki, June 2014.
7. Codd, G.A., Blaha, L., Brient, L., Hiskia, A., **Kaloudis, T.**, Lawton, L. A., Svircev, Z., Visser, P.M. (2013), "CYANOCOST: Cyanobacterial Blooms and Toxins in Water Recourses: Occurrence, Impacts and Management", 9th International Conference on Toxic Cyanobacteria, South Africa.
8. Anastasia Hiskia, Theodora Fotiou, Theodoros Triantis and **Triantafyllos Kaloudis** (2013), "Recent advances towards water purification from cyanotoxins and taste & odor compounds using photocatalysis with TiO₂ and polyoxometalates", 14th EuCheMS International Conference on Chemistry and the Environment ICCE 2013, Barcelona, Spain.
9. Fotiou T., Triantis T. M., **Kaloudis T.** and Hiskia A. (2013), Evaluation of the photocatalytic activity of TiO₂ based catalysts on the degradation and mineralization of cyanobacterial toxins and water off-odor compounds under UV-A, solar and visible light", 3rd European Symposium on Photocatalysis – JEP 2013, Slovenia.
10. T. Fotiou, T. Triantis, **T. Kaloudis**, A. Hiskia (2013), "Photocatalytic degradation of cylindrospermopsin under UV-A, solar and visible light in the presence of TiO₂-based nanomaterials", 13th International Conference on Environmental Science and technology (CEST 2013), Athens, Greece.
11. T. Fotiou, T. Triantis, **T. Kaloudis**, P. Falaras, D. Dionysiou, A. Hiskia (2012), "Photocatalytic Degradation of Taste and Odour compounds in water using visible light-activated TiO₂ nanomaterials", 7th European Meeting on Solar Chemistry and Photocatalysis: Environmental Applications - SPEA7, Oporto, Portugal.

12. Anastasia Hiskia, Theodoros Triantis, Theodora Fotiou, **Triantafyllos Kaloudis**, Elias Papaconstantinou (2012), "Recent developments towards water purification from organic pollutants and taste & odor compounds using polyoxometalates", *Frontiers in Metal-Oxide Cluster Science – FMOCS 2012, Spain*.
13. Theodora Fotiou, Theodoros M. Triantis, **Triantafyllos Kaloudis**, Anastasia Hiskia, Elias Papaconstantinou (2012), "Photocatalytic Degradation of Taste and Odour Compounds using Polyoxometalates. Comparison with TiO₂", *Frontiers in Metal- Oxide Cluster Science – FMOCS 2012, Spain*.
14. Hiskia A., Triantis T., Fotiou T., **Kaloudis T.**, Falaras P., Dionysiou D. (2011), "Photocatalytic Degradation of Taste and Odour Causing Compounds in Water Using Visible Light–Activated Nanostructured TiO₂ Materials", *International Conference on Photocatalytic and Advanced Oxidation Technologies for the Treatment of Water, Air, Soil and Surfaces, July 4-8, 2011, Gdansk University of Technology, Gdansk, Poland*.
15. A. Hiskia, T.M. Triantis, T. Fotiou, **T. Kaloudis**, A. Kontos, P. Falaras, D.D. Dionysiou (2010) "Photocatalytic degradation of microcystin-LR using visible light–activated nanostructured TiO₂ materials" (2010), *6th European Conference on Pesticides and Related Organic Micropollutants in the Environment, Matera, Sep 2010*.
16. A. Hiskia, T.M. Triantis, T. Fotiou, **T. Kaloudis**, P. Falaras, D.D. Dionysiou (2010), "Photocatalytic Decomposition of Microcystin-LR in Natural and Drinking Water Using Nanostructured TiO₂ Materials", *Proceedings of the 6th European meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA6), 13-16 June 2010, Prague*.
17. **Kaloudis, T.**, Tsimeli, K., Triantis, T., Thanasoulas, N., Kousouris, L., Lytras, E., Tzoumerkas, P., Hiskia, A. (2008) "Development of an integrated laboratory system for the monitoring of cyanotoxins in surface and drinking waters", *5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on Chemistry and Fate of Modern Pesticides, Marseille, France, 2008*.
18. Tsimeli, K., Triantis, T., **Kaloudis, T.**, Hiskia, A. (2008), "Development of a new method for the determination of microcystins and nodularin in surface and drinking water by LC-MS/MS", *5th European Conference on Pesticides and Related Organic Micropollutants in the Environment and 11th Symposium on Chemistry and Fate of Modern Pesticides, Marseille, France, 2008*.
19. N.C. Thanasoulas, **T.S. Kaloudis**, L.P. Kousouris and P.C. Tzoumerkas (2007), "Immunochemical water analysis: State of the art procedures in the Organic Micropollutant Laboratory of EYDAP SA", *Proc. of the 10th International Conference on Environmental Science and Technology, Kos Island, Greece, 5-8 September 2007*.
20. E. Farmaki, **T. Kaloudis**, K. Dimitrou, N. Thanasoulas, 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*.

21. M. Liaska, M. Despotidou, **T. Kaloudis**, K. Katsara, D. Xenos, "Industrial wastewater in the area of responsibility of EYDAP – Overview of the present status", Proc. 7th International Conference on Environmental Science & Technology, Ermoupoli, Syros, 2001.

7.5. Publications and presentations in other conferences (without full-paper review)

1. **Triantafyllos Kaloudis** (2014), "CYANOCOST: An international network for cyanobacteria and cyanotoxins in water resources", in 17th Workshop of the International Association of Phytoplankton Taxonomy and Ecology - 17th IAP, Kastoria, 14-21 September 2014.
2. A. Hiskia, T. Triantis, T. Fotiou, **T. Kaloudis** (2014), "Development of a European Standard for testing photocatalytic materials with regards to water purification", 5th National Conference on Metrology – Metrologia 2014, Athens.
3. **Triantafyllos Kaloudis** (2014), "CYANOCOST: An international network for cyanobacteria and cyanotoxins in water resources", in "Cyanotoxins in Freshwaters – Advances in Analysis, Occurrence and Treatment, Workshop organized by CyanoWater and CYANOCOST, Athens, 5 May 2014.
4. **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 Univ. of Novi-Sad and Novi-Hizonti, Belgrade, 24 March 2014.
5. **Triantafyllos Kaloudis** (2014), "CYANOCOST : An International Network for Cyanobacteria and Cyanotoxins in Water Resources - COST Action ES1105" in COST Info Day Greece, 25 February 2014, Athens.
6. **Triantafyllos Kaloudis** (2014), "CYANOCOST : An International Network for Cyanobacteria and Cyanotoxins in Water Resources" in WaterMicro Conference, 21 March 2014, Athens, Greece.
7. **Triantafyllos Kaloudis** (2013), "Cyanobacterial Blooms and Toxins in Water Recourses: Occurrence, Impacts and Management", Joint COST–WssTP Strategic Conference, 16-18 April, Brussels.
8. S.K. Zervou, T. Triantis, **T. Kaloudis**, A. Hiskia (2013), "Optimization of Solid Phase Extraction (SPE) and LC-ESI-MS/MS for the Determination of Cyclic Peptide Cyanotoxins (CPCs) in Water", 8th International Conference "IMA 2013-Instrumental Methods of Analysis-Modern Trends and Applications" 15-19 September 2013, Thessaloniki, Greece.
9. L. Blaha, L. Brient, G.A. Codd, A. Hiskia, **T. Kaloudis**, L.A. Lawton, Z. Svircev, P.M. Visser, J. Mankiewicz-Boczek (2013), "CYANOCOST: A European Network for Cyanobacteria and Cyanotoxins", Ecohydrology, Biotechnology & Engineering - Symposium organised within the United Nations International Year of Water Cooperation 2013, 16-22 September 2013Lodz, Poland,.
10. S.K. Zervou, **T. Kaloudis**, T. Triantis, P. Miskaki, A. Hiskia (2012), "Trace-level determination of 8 priority pesticides in water using solid phase extraction, liquid chromatography - tandem mass spectrometry (LC-MS/MS)", AACD 8th Analytical Chemistry Chemical Days, 16-20 September, Izmir, Turkey.
11. **T. Kaloudis** (2012), "CYANOCOST - Cyanobacterial blooms and toxins in water resources: Occurrence, impacts and management." COST Conference – ESSEM, Earth System Science

- and Environmental Management Domain Annual Progress, Alexandroupolis, 20-22 June 2012.
12. T. Fotiou, T.M. Triantis, **T. Kaloudis**, N.G. Moustakas, A.G. Kontos, P. Falaras, M. Pelaez, D.D. Dionysiou, A. Hiskia (2012), "Photocatalytic Degradation of Taste and Odour compounds in water using visible light-activated TiO₂ nanomaterials", Nano4water Cluster: 2nd Dissemination Event, Greece April 2012.
 13. T.M. Triantis, T. Fotiou, **T. Kaloudis**, N.G. Moustakas, A.G. Kontos, P. Falaras, D.D. Dionysiou, M. Pelaez, A. Hiskia, (2012), "Photocatalytic Degradation and Mineralization of microcystin-LR under UV-A, solar and visible light using nanostructured nitrogen doped TiO₂", Nano4water Cluster: 2nd Dissemination Event, Greece April 2012.
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 29. **T. 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.
 30. **T. Kaloudis** (2005), “Quality Tools for Teams”, Proceedings of the 8th Quality Forum, Quality Forum of Greece and Eco-Q, 24-25 November, Athens.
 31. D.D. Parthymos, N.C. Thanasoulis, **T.S. Kaloudis**, E.G. Farmaki, A.C. Calokerinos, L. P. Kousouris, P.C. Tzoumerkas (2005) “Development of an optimization protocol for the determination of organochlorine pesticides in water by means of tandem SPE-GC-ECD and chemometrics”, Proceedings of the “Aqua 2005” Conference, 21-23 October, Athens.
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34. **T. Kaloudis**, P. Miskaki, K. Kontostavakis P. Mikos (1999) "A study of the proteolysis and lipolysis processes in dry sausages inoculated with various starter cultures", Proceedings of the 6th Conference of Chemistry in Greece and Cyprus, Rhodes.
35. **T. Kaloudis**, I. Metaxopoulos, M. Kammenou, M. Papadelli, D. Stefanitsi (1999), "Lipolysis During the Natural Fermentation and Ripening of Greek Dry Sausages, as Related to Microbial Changes", Proc. Conf. "Lipases & Lipids", Santorini, May 6-8, 1999.
36. **T. Kaloudis** (1998), "Food Irradiation – Present Status and Perspectives", Proceedings of the 2nd Symposium "Quality and Competitiveness in the Food Industry", p.330, Athens.
37. **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. A', p.694, Lesvos, Greece.
38. **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.

7.6. Training publications

1. **Triantafyllos Kaloudis** (2010), "Detection of taste, odour and colour variations in raw and drinking water", Manual, Training School EYDAP SA.
2. **T. Kaloudis**, N. Thanassoulis, A. Tsakou, M. Economopoulou (2010), "Drinking water quality monitoring in distribution networks", Manual, Training School EYDAP SA.
3. **T. Kaloudis**, Z. Melambianaki, N. Thanassoulis (2010), "Quality problems in drinking water", Manual, Training School EYDAP SA.
4. **T. Kaloudis**, (2010), "Chemical reactions in drinking water treatment", Manual, Training School EYDAP SA.

7.7. Publicized articles

1. **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.
<http://www.research-europe.com/magazine/ENVIRONMENT/ENV17/index.html>

8. Other professional activities

1. Member of the European Committee for Standardization (CEN) Technical Committee CEN-TC 386 "Photocatalysis" – Working Group 3 "Water Purification".

2. Reviewer for Journals: *Water Research (IWA)*, *Industrial & Engineering Chemistry Research (American Chemical Society)*, *Applied Catalysis B: Environmental, Chemosphere, Environmental Nanotechnology - Monitoring & Management (Elsevier)*, *Analytical Methods, RSC Advances (Royal Society of Chemistry)*, *Marine Drugs, Journal of Marine Science and Engineering (MDPI)*, *Boreal Environment Research (BER Publishing Board)*.
3. Reviewer of research proposals for funded projects (national, European).

9. Memberships in professional associations

- Senior Member of the American Society for Quality, ASQ www.asq.org
- Member of the American Chemical Society, ACS www.acs.org
- Member of the International Water Association IWA, www.iwahq.org
- Member of the Hellenic Mass Spectrometry Society, HMSS www.hmss.gr
- Member of the Association of Greek Chemists, AGC www.eex.gr

T. Kaloudis in professional social networks:

LinkedIn: <https://www.linkedin.com/pub/triantafyllos-kaloudis/26/28/268>

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

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