



PERSONAL INFORMATION

Name: Evangelia Anastasopoulou

e- mail: eanastas@hcmr.gr

Phone: +302291076396

Fax: +302291076419

Address: HCMR, 46.7 km Athinon- Souniou Ave., Anavyssos, Greece

WORK EXPERIENCE

April 2011 to present

Research Associate – Chemist in the field of Water Pollution.

Hellenic Centre for Marine Research (H.C.M.R.), Institute of Marine Biological Resources and Inland Waters Inland Waters.

Chemical and Physicochemical Classification of sites according to Greek River Nutrient Classification System (GR_NCS). Elaboration of chemical and physicochemical results from inland waters and the coastal zone. Preliminary results of nutrients and biochemical oxygen demand. Authorship of Technical Reports. Participation in sampling campaigns.

September 2007 to April 2009

Post doctoral candidate, Chemist at Hellenic Centre of Marine Research

Hellenic Centre of Marine Research (H.C.M.R.). Institute of Oceanography

Analysis of water samples from Rivers, the Messinian Gulf and from olive oil mill waste waters. Participation in 3 oceanographic journeys with the Oceanographic ship 'Aegean' HCMR. Determination of Nutrients, Heavy metals, Total Organic Carbon, Total Phenols and elaboration of the results.

September 2005 – July 2010

Lecturer - Laboratory Associate

Laboratory of Agricultural Chemistry. School of Agricultural Technology.

Higher Technological Educational Institution of Peloponnese, T.E.I. Kalamata P.C. 24100

Teaching the courses: Agricultural Chemistry and Quality Control and General Chemistry. 1.500 hours. Department of Greenhouse Crops & Department of Crop Production.

March 2003 to November 2004

Chemist in the Quality Control Laboratory, Dairy and Beverage section.

Vivartia Food & Beverage Industry (DELTA) Sindos Industrial Area of Thessaloniki.

Monitoring pasteurisation, bottling procedure and check concentrations of machine washing solutions.

PARTICIPATION IN PROJECTS:

1. Monitoring of ecological water quality, river, coastal and transitional waters of Greece in accordance with Article 8 of Directive 2000/60 Operational Program, 2018-2023.
2. Danubius PP 2017
3. Estimation of the ecological status of the Pikrodafni stream and proposals 2017
4. EPSAD 2016
5. Monitoring of ecological water quality, river, coastal and transitional waters of Greece in accordance with Article 8 of Directive 2000/60 Operational Program "Environment and sustainable Development Priority Axis 7", 2014-2015
6. Triennial Monitoring and Assessment of the Ecological Status of Messinian Rivers. 2011-2013

EDUCATION AND TRAINING

September 2007 - December 2012

PhD Thesis: Study of the Effects of Olive Oil Mill Waste Water Discharges in the Coastal Environment of Messiniakos Gulf. *National and Kapodistrian University of Athens, Faculty of Science, Department of Chemistry, Laboratory of Environmental Chemistry.*

Determination of phenols spectrophotometrically, nutrients, heavy metals, organic carbon and other chemical parameters in the river samples and in the olive oil wastewater. Statistical elaboration of the results by Principal Component Analysis, Statistica-SPPS17.0. Conduction of Acute Toxicity Bioassays to Macroinvertebrate Fauna. Chemical and Physicochemical Classification of the stations according to River Nutrient and Dissolved Oxygen Classification System, NCS.

September 2000- April 2002

Master of Science in Chemistry and New Educational Technologies. Direction: Computer studies (MSc). *Aristotle University of Thessaloniki, Faculty of Science, Department of Chemistry, Thessaloniki.*

Organic Pollutants in Aquatic Ecosystems - Presentation via Chem3D and Microsoft FrontPage

September 1996 - July 1999

Bachelor degree with Honours in Chemistry (BSc)

University of Salford, Faculty of Science, Department of Chemistry. Manchester, United Kingdom. Dissertation: Preparation of iron complexes, CpFe (CO) dppl, by replacing iodine with anions and neutral compounds. The compounds were analyzed using spectra ¹H NMR, and Infrared Spectroscopy (IR).

PERSONAL SKILLS AND COMPETENCES

LANGUAGES

1. Proficiency of Cambridge – Excellent command of English language
2. Delf 1er Degree – Good command of French language

COMPUTER SKILLS

Microsoft office tools (ECDL Progress Certificate in Microsoft Word, Excel, Power Point)
Good command of Programmes: Chem Draw, Microsoft FrontPage, Director 8 (MSc direction Computer studies), SPSS.

MEMBER OF SCIENTIFIC SOCIETIES

Register of Trainers of EOPPEP. National Agency for Qualification and Vocational Guidance. Certification of Educational Adults Attainment of Non-Formal Education (1st period 2016).

IDICATIVE AUTHORSHIP OF TECHNICAL REPORTS OF RESEARCH PROGRAMS

1. **Anastasopoulou E. 2017** Analysis and results of total phenols in Pikrodafni stream. Final technical report of water quality monitoring in the water system of Picrodafni stream - Rehabilitation proposals. Technical Report HCMR. pp 38-41.
2. **Anastasopoulou E.**, Skoulikidis N., Gritzalis K., 2013. Chemical and Physicochemical Status of the Stations - Classification of the Rivers according to the Greek River Nutrient Classification System (GR_NCS). Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 626-634.
3. Psyllaki E., K. Gritzalis, **E. Anastasopoulou** 2013. Analysis & Results of Total Phenols and Certain Polyphenols (Gallic acid, Caffeic acid and P-Coumaric acid). Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 672-683.
4. Skoulikidis N., **E. Anastasopoulou**, K. Gritzalis 2012. Assessment and Classification of the Physicochemical Status. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 450-460.
5. **Anastasopoulou E.**, Gritzalis K., 2012. Evaluation of the Physico-Chemical Parameters. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 527-535.
6. **Anastasopoulou E.**, Skoulikidis N., Gritzalis K., 2012. Chemical and Physicochemical Status of the Stations - Classification of the Rivers in accordance with the Greek River Nutrient Classification System (GR_NCS). Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 536-560.
7. Gritzalis K., **Anastasopoulou E.** 2013. River Habitat Survey - Application and Evaluation. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 755-763.
8. Gritzalis K., Karaouzas I., **Anastasopoulou E.** 2013. Benthic Fauna & Evaluation of the River's Status based Biotic Indices. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR, pp. 764-776.

9. Gritzalis K., **Anastasopoulou E.** 2013. General Conclusions - Proposals to improve the quality of the monitoring stations. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR, pp. 781-800.
10. Skoulikidis N., **E. Anastasopoulou.**, H. Bertachas., S. Laschou., K. Gritzalis 2011. Nutrients of the sampling stations of the rivers in Messinia - Assessment and Classification of the Chemical and Physicochemical Status. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia Technical Report HCMR, pp. 327-352.
11. Gritzalis K., **Anastasopoulou E.** 2012. Particulate Organic Carbon (P.O.C.) in the river waters of Messinia. Three-year quality monitoring and assessment of the ecological status of the rivers of Messinia. Technical Report HCMR. pp. 494-500.

PUBLICATIONS IN INTERNATIONAL PEER-REVIEWED JOURNALS

1. **Anastasopoulou, E.**, N. Skoulikidis, A. Pavlidou, E. Rouselaki, K. Gritzalis, 2014. Seasonal variation and inputs of nutrients to the estuary of Pamisos River, (Messinia - Peloponnese), Greece. *Fresenius Environmental Bulletin*, Vol.: 23, No 12a, 3248-3254.
2. **Anastasopoulou E.T.** and P.S. Karagkiozidis, September 2012. Climate Change and Biofuels, *Environmental Education Journal of Environmental Protection and Ecology (JEPE)* vol.13 No2 pp 781-788.
3. V. Markogianni, **E. Anastasopoulou**, A. Tsoupras, E. Dimitriou. Identification of Pollution Patterns and Sources in a Semi-Arid Urban Stream. *Journal of Ecological Engineering*. Volume 19, Issue 2, March 2018, pages 99–113 <https://doi.org/10.12911/22998993/81784>
4. Pavlidou A., **E. Anastasopoulou**, M. Dassenakis, I. Hatzianestis, V. Paraskevopoulou, N. Simboura, E. Rouselaki., P. Drakopoulou, 2014. Effects of olive oil wastes on river basins and an oligotrophic coastal marine ecosystem: A case study in Greece. *Science of the Total Environment* 497-498 pp 38-49.
5. Gritzalis, K. C., **E. Th. Anastasopoulou**, V. Markogianni, N. A. Georgiopoulos, 2014. Assessing tools and methods for water quality monitoring in medium sized rivers. The case of Arcadikos River (Messinia, Greece), 2014. *Fresenius Environmental Bulletin*, Vol.: 23, No 11a, 2933-2938.
6. Gritzalis, K. C., **E. Anastasopoulou**, 2013. River macroinvertebrate communities: Examples of open issues in Greece. *Notiziario dei Metodi Analitici, IRCA -CNR (Numero Speciale)*, Ottobre 2013, 1-6. <http://www.irsa.cnr.it>

7. Gritzalis, K. C., **E. Anastasopoulou**, N. Georgiopoulos, V. Markogianni, N. Skoulikidis, 2015. Water quality and benthic fauna biodiversity in a unique small wetland at Messinia, Greece. *Journal of Environmental Biology*, Vol.: 36, 171-176.
8. Kapiris K., **E. Anastasopoulou**., P. Kouraklis. F. Callinectes sapidus Rathbun in the Greek Ionian Sea, December 2011. *New Mediterranean Biodiversity Records. Mediterranean Marine Science* 12(2) Collective Article Indexed in WoS (Web of Science, ISI Thomson) and SCOPUS <http://www.medit-mar-sc.net> pp 491-508.

PUBLICATIONS IN CONFERENCES WITH FULL TEXT

- 1. Anastasopoulou E.**, E. Psyllaki., I. Katsogiannou., N. Georgiopoulos., K.C. Gritzalis, 2015. Distribution of total phenols in Messinian rivers. *Proceedings of the Fifth International Conference on Environmental Management, Engineering, Planning & Economics (CEMEPE 2015) and SECOTOX Conference. Mykonos island, Greece. ISBN: 978-960-6865-87-9. 14-18 June, 2015. pp.171-179.*
- 2. Anastasopoulou E.**, N. Skoulikidis., A. Pavlidou., E. Dassenakis., I. Hatzianestis, 2013. Effects of untreated olive oil waste water disposals in river Epis and its estuaries in Messinia, Greece. *Proceedings of the 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) and SECOTOX Conference., Mykonos island, Greece. ISBN: 978-960-6865-68-8. 24-28 June, 2013. pp. 247-254*
- 3. Anastasopoulou E.**, I. Katsogiannou., N. Georgiopoulos., K. Gritzalis, 2014. EPT Taxa in river sections of the Messinian Gulf. *Panhellenic Association of Bioscientists. Proceedings of the 9th Panhellenic Conference "Environment and Man". Institute of Biomedical Research of the Academy of Athens. ISBN: 978-618-81159-2-7. 5-7 December 2014 Athens pp. 59-70.*
- 4. Anastasopoulou E.**, A. Pavlidou., I. Hatzianestis., E. Dassenakis., E. Rousselaki., V. Paraskeuopoulou., S. Karavoltos, 2011. Preliminary Study on the Effects of Olive Oil Wastes on the Ecosystem of Messinia, Greece. *6th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region Mediterranean Scientific Association of Environmental Protection, Abstract Book MESAEP Ioannina - Greece. September 24 to 27, 2011.*
- 5. Anastasopoulou E.**, P. Karagkiozidis. 2009. Biofuels and the Greenhouse Effect: Public Informance – Education. Poster and Announcement at the 3rd Conference of Green Chemistry and Sustainable Development. *Book of abstracts. Aristotle University of Thessaloniki, Faculty of Sciences, Laboratory of General and Inorganic Chemical Technology. Thessaloniki, Greece. 25-27 September 2009, pp. 130.*

6. K. C Gritzalis., **E. Anastasopoulou.**, N. Georgiopoulos., V. Markogianni., N. Th. Skoulikidis, 2013. Water quality and benthic fauna biodiversity in a unique small wetland at Messinia, Greece. GEOMED Proceedings of the 3d International Geography Symposium Kemer, Antalya Turkey. ISBN 978-605-62253-8-3. 10-13 June 2013.
7. Katsogiannou I., K. Gritzalis., **E. Anastasopoulou.**, N. Georgiopoulos, 2015. Seasonal fluctuation of benthic fauna and its features in river Epis (Messinia-Peloponnese). 11th Panhellenic Symposium of Oceanography & Fisheries Water Horizons: Challenges and Prospects., University of the Aegean, Mytilene, Lesvos. 13-17 May 2015, pp 669-672.
8. **Anastasopoulou E.T.**, A. Pavlidou., E. Dassenakis., I. Hatzianestis. Determining the Toxicity of Olive Mill Waste Waters using Aquatic Macroinvertebrates. Proceedings International Symposium of Olive Oil mill Wastes and Environmental Protection. LIFE project «Strategies to improve and protect soil quality from the disposal of Olive Oil Mill Wastes in the Mediterranean Region» Science for Life-PROSODOL. Book of abstracts. 16-18 October 2012 Chania, Greece, pp. 241-245.
9. Gritzalis K. C., **E. Anastasopoulou.**, V. Markogianni., N. Georgiopoulos, 2013. Assessing tools and methods for water quality monitoring in medium sized rivers. The case of Arkadikos River (Messinia, Greece). Proceedings of the 4th International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2013) and SECOTOX Conference. Mykonos island, Greece. ISBN: 978-960-6865-68-8. 24-28 June, 2013 pp. 296-302.
10. **Anastasopoulou E.**, N. Skoulikidis., A. Pavlidou., E. Rouselaki., K. Gritzalis, 2013. Seasonal variation and inputs of the nutrients loads to the estuary of Pamisos River (Messinia - Peloponnese) Greece. 17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean region, Mediterranean Scientific Association of Environmental Protection, Abstract Book MESAEP. Istanbul, Turkey 28 September - 2 October 2013 pp 267.

PUBLICATIONS IN CONFERENCES - ABSTRACTS

1. Gritzalis K., N. Georgiopoulos., **E. Anastasopoulou.**, I. Karaouzas., N. Skoulikidis, 2013. Biological quality elements and temporary Greek streams and rivers. SEFS 8 Abstract Book Symposium for European Freshwater Sciences, 1-5 July, 2013 Münster, Germany pp. 142. <http://www.sucho.eu/pdf/SEFS.pdf>
2. **Anastasopoulou E.**, A. Pavlidou., N. Skoulikidis., E. Dassenakis., I. Hatzianestis, 2014. Sediment quality in Rivers and their estuaries of an olive oil production area, Messinia,

Greece. Geophysical Research Abstracts, vol.16 EGU 2014 - 10612, 27 April – 2 May 2014 EGU General Assembly, Vienna Austria.

3. Katsogiannou I., N. Skoulikidis., **E. Anastasopoulou.**, K.C. Gritzalis, 2015. Assessing the water quality in riverine lowland areas by the use of Hydrochemistry and Benthic Fauna. The case of the rivers Aliakmon, Axios and Strymon. Book of Abstracts of the Fifth International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 2015) and SECOTOX Conference June 14-18, 2015, Mykonos island, Greece, pp 20.

4. **Anastasopoulou E.**, N. Georgiopoulos., I. Katsogiannou., I. Karaouzas., K. Gritzalis. 2014 Olive oil waste waters and their impact on the benthic diversity of river Epis in Messinia, Greece. Proceedings of the 36th Scientific conference of Hellenic Association for Biological Sciences, , May 8-10 Ioannina, Greece, pp. 13.

5. **Anastasopoulou E.**, K. Gritzalis., I. Katsogiannou., N. Georgiopoulos., N. Skoulikidis. 2014 Annual crops and macroinvertebrates in Lygdou River (Messinia, Greece). Proceedings of the 36th scientific conference of Hellenic Association for Biological Sciences, May 8-10, Ioannina, Greece, pp. 15.

6. **Anastasopoulou E.**, K. Gritzalis., I. Katsogiannou., N. Georgiopoulos., V. Markogianni. 2014 Chemical quality and benthic diversity. The case of Karya River (Messinia, Peloponnese Greece). Proceedings of the 36th Scientific conference of Hellenic Association for Biological Sciences, May 8-10, Ioannina, Greece, pp. 17.

7. Gritzalis K., **E. Anastasopoulou.**, N. Georgiopoulos., I. Karaouzas., N. Skoulikidis. 2013. Relationship of macroinvertebrate fauna, nutrient loads and hydromorphology as an integrated assessing tool for the ecological status in estuaries. Case study of Arcadikos R. and Neda R. (Messinia Peloponnese, Greece). Mediterranean Scientific Association of Environmental Protection, MESAEP. 28 September - 2 October 2013 Istanbul, Turkey.

8. Katsogiannou I., Georgiopoulos N., **Anastasopoulou E.**, Skoulikidis N., Gritzalis K. 2014 Distribution of fish and microinvertebrate fauna in river Koiliaris (Crete) during summer season. Proceedings of the 36th Scientific conference of Hellenic Association for Biological Sciences, May 8-10 Ioannina, Greece, pp. 137.

9. Katsogiannou I., N. Georgiopoulos., I. Karaouzas., **E. Anastasopoulou.**, K. Gritzalis, 2014. Seasonal distribution of macroinvertebrate TAXA in a Modified “metapotamon” section of Pamisos river (Messinia). Proceedings of the 36th Scientific conference of Hellenic Association for Biological Sciences, May 8-10 Ioannina, Greece, pp. 141.

10. **Anastasopoulou E.**, N. Georgiopoulos., I. Karaouzas., I. Katsogiannou., K. Gritzalis, 2014. Impacts of the periodically shifting water supply on the community of macroinvertebrates at

Pamisos R. dam. BSB Net-Eco International Conference "Environmental aspects and available scientific tools for Black Sea Basin protection" 'Deltas and Wetlands', Section 2 Optical methods for characterization and biomonitoring of natural aquatic environments 15-17 September 2014, Tulcea, Roumania, pp. 19.

11. Gritzalis K., I. Katsogiannou., I. Karaouzas., **E. Anastasopolou.**, V. Markogianni, N. Georgiopoulos, 2014. Fluctuation of macroinvertebrate fauna in lotic and lentic zones in Sianitis river (Rhodes Islands, Greece) BSB Net-Eco International Conference "Environmental aspects and available scientific tools for Black Sea Basin protection". Deltas and Wetlands. 15-17 September 2014, Section 1 Biodiversity, Taxonomy and Nature Conservation pp. 14. Tulcea, Roumania.

12. Katsogiannou I., K. Gritzalis., **E. Anastasopoulou.**, N. Georgiopoulos, 2014. Ecological preferences of benthic macroinvertebrates in river Epis (Messinia-Peloponnese, Greece) during the wet-dry season. BSB Net-Eco International Conference "Environmental aspects and available scientific tools for Black Sea Basin protection" Deltas and Wetlands, 15-17 September 2014, Section 1 Biodiversity, Taxonomy and Nature Conservation. Tulcea, Roumania, pp. 15.

13. Gritzalis K., G. Gritzalis., **E. Anastasopoulou.**, N. Skoulikidis, 2014. Small lakes "Vathres", in Samothrace island, SE Aegean sea, Greece. A particular environmental landscape of protection and enhancement. 15th World Lake Conference. Book of Abstracts. 1-5 September 2014, Perugia Italy, pp. 98.

14. Gritzalis K., I. Karaouzas., **E. Anastasopoulou.**, N. Georgiopoulos., D.Lampropoulou, 2012 Effects of anthropogenic activities in Composition and Abundance of Benthic Fauna River Pamisos (Messinia), Ecological Research in Greece: Trends, Challenges and Applications, 6th Hellenic Congress of Ecology. Book of abstracts Athens, Greece, pp. 173.

15. **Anastasopoulou E.**, A. Pavlidou., I. Hatzianestis., E. Dassenakis., E. Rousselaki., V. Paraskeuopoulou., S. Karavoltsos, 2012. Some Effects of Olive Oil Mill Wastewaters on Coastal Ecosystems. Capacity Building/Mediterranean Environment Program. Best Environmental Practices in Olive Mill Waste Management and New Technologies, Regional training: 19-21 March 2012, Greece. National Hellenic Research Foundation (NHRF) Horizon 2020.

16. **Anastasopoulou E.**, Georgiopoulos N., Katsogiannou I., Gritzalis K. Promotion, protection and use of hydromorphological characteristics for the conservation of biodiversity in river ecosystems. LIFE Natura Themis National Conference Environmental Liability, Prevention

and Rehabilitation: Challenges and Opportunities for the Protection of Biodiversity in Greece, Heraklion Crete, 8-10 September 2017.

17. **Anastasopoulou E.**, Katsogiannou I., Georgiopoulos N., Gritzalis K. The implementation of the European Directive 2000/60 / EC and the protection of biodiversity in Greece. LIFE Natura Themis National Conference Environmental Liability, Prevention and Rehabilitation: Challenges and Opportunities for the Protection of Biodiversity in Greece, Heraklion Crete, 8-10 September 2017.

18. Katsogiannou I., Georgiopoulos N., **Anastasopoulou E.**, Gritzalis K. Creation of inland waters biodiversity maps for management and protection from European and Greek Legislation. LIFE Natura Themis National Conference Environmental Liability, Prevention and Rehabilitation: Challenges and Opportunities for the Protection of Biodiversity in Greece, Heraklion Crete, 8-10 September 2017.

19. Oikonomou A, Karaouzas I, Smeti E, Stefanidis K, Stoumboudi M, **Anastasopoulou E**, Andriopoulou A, Vavalidis T, Vardakas L, Vourka A, Giakoumi S, Gritzalis K, Dimitriou E, Zogaris S, Theodoropoulos C, Kalaitzakis N, Kalogianni E, Kapakos I, Katsogiannou I, Colombari E, Kommatas D, Kouvarda T, Kouraklis P, Koutsikos N, Koutsodimou M, Lampou A, Markogianni V, Mentzafou A, Barbieri R, Panagiotou A, Papastergiadou E, Economou A, Economou E, Sperelakis E, Tachos V, Chatzinikolaou Y, Skoulikidis N. Greek Riverine Ecosystems with High Biodiversity. Panhellenic Helecos Ecology Congress 4-7 October 2018 Heraklion.