

# CURRICULUM VITAE

## Evangelia S. Papadopoulou



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### EDUCATION

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- 1999-2004 BSc in Agriculture, School of Agriculture, Aristotle University of Thessaloniki, Greece
- 2004-2006 Master of Science in Plant Protection, School of Agriculture, Aristotle University of Thessaloniki, Greece
- 2009-2013 Doctor of Philosophy (PhD) in Pesticide Science-Soil Microbiology, School of Agriculture, Aristotle University of Thessaloniki, Greece. Thesis entitled: *Study of the behavior of synthetic and biological pesticides in soil and their impact on the microbial community*. Supervisor: Professor Urania Menkissoglu-Spiroudi

### APPOINTMENTS

- 11/2020- today Assistant Professor, Department of Environmental Sciences, University of Thessaly

### TEACHING

- 10/2020 - today *Environmental Microbiology*, Department of Environmental Sciences, University of Thessaly (BSc level)
- 02/2020-06/2020 *Waste Processing Technology, Specialized Modules in Environmental Microbiology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level)
- 02/2019-06/2019 *Waste Processing Technology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level)
- 02/2017-06/2017 *Waste Processing Technology*, Department of Biochemistry and Biotechnology, University of Thessaly (BSc level)

## SUPERVISION

Supervision of 2 PhD students

Maria Kolovou, *thesis title: Impact of agrochemicals on soil ammonia-oxidizing microorganisms: An in vitro and in situ assessment*

Dimitrios Dalkidis, *thesis title: Identification of synthetic and biological nitrification inhibitors activity spectrum and mode of action on nitrifying microorganisms*

Member of the Advisory Committee of 8 undergraduate students

## AWARDS AND ACHIEVEMENTS

- 2017-2018 Stavros Niarchos Foundation Scholarship for post-doctoral research at the University of Thessaly
- 2017 Postdoc-Research Scholarship of the State Scholarships Foundation (IKY) (1<sup>st</sup> Cycle, NSRF 2014-2020)
- 2015 Scholarship Award of Excellence of the Research Committee of Aristotle University of Thessaloniki for postdoctoral researchers, 2015 (nominal distinction).
- 2015 «K. DRAINAS» Fellowship of the Hellenic Initiative Mikrobiokosmos, 2015
- 2011 Scholarship Award of Excellence of the Research Committee of Aristotle University of Thessaloniki for Ph.D. students

## RESEARCH EXPERIENCE

- 01/08/2018-12/11/2020 Post-Doctoral Researcher-Principal Investigator of the project "NITRIC: Looking up for Novel Nitrification Inhibitors: New Stories with old compounds" funded by the General Secretariat for Research and Technology and the Hellenic Foundation for Research and Innovation and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.
- 05/06/2018-31/07/2018 Post-Doctoral Researcher of the project "LOVE TO HATE: Pesticides – Felicity or curse for the soil microbes", NATIONAL SHAREHOLDING 2016-2017, funded by the General Secretariat for Research and Technology and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.
- 01/12/2017-27/04/2018 Post-Doctoral Researcher – Stavros Niarchos Foundation Fellow of the project "Study of the Microbial Symbiome of plants and insects as a Source of Novel pesticide catalytic enzymes (MISSION)", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.

- 04/04/2017-  
13/11/2017 Post-Doctoral Researcher – State Scholarships Foundation Fellow of the project “*In vitro* and *in situ*, assessment of the antioxidant ethoxyquin and its oxidative derivatives as nitrification inhibitors”, Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki.
- 31/03/2016-  
21/04/2016 Short scientific mission to Ampère Laboratory of the École Centrale de Lyon within the frame of the Hellenic Initiative Mikrobiokosmos fellowship, 2015. Fellowship Project: *In vitro* testing of the inhibitory effect of ethoxyquin (EQ) and/or its oxidation derivatives quinone imine (QI) and ethoxyquinoline (EQNL) on nitrification at physiological and biochemical level.
- 21/03/2016-  
15/05/2016 Research Associate of the project “Study of the adsorption and desorption of the insecticide a-cypermethrin in soil”, Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.
- 01/09/2015-  
30/09/2015 Research Associate of the project “Isolation of native arbuscular mycorrhizal fungi and development of mycorrhizal inocula for inoculation of the rizosphere and production of soil amendment products”, Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.
- 01/09/2014-  
31/07/2015 PostDoctoral fellow of the project "BIOREMEDIAT - OMICS: *The microbial detoxification of pesticides from the fruit-packaging industry: using omics in bioremediation* ", Action " EXCELLENCE II ", Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, School of Health Sciences, University of Thessaly.
- 02/04/2014-  
31/08/2014 Visiting Researcher in the IAPP Marie Curie Project “LOVE TO HATE” entitled: *Pesticides – Felicity or curse for the soil microbes*. AEIFORIA, Spin-off Company of Università Cattolica del Sacro Cuore, Piacenza, Italy.
- 01/11/2014-  
31/03/2014 Visiting Researcher in the project “BIOBEDS: Minimizing point source contamination of natural water resources of Thessaly by the wastewaters of the fruit packaging plants”, Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly.
- 03/06/2013-  
30/09/2013 Visiting Researcher in the the IAPP Marie Curie Project “LOVE TO HATE” entitled: *Pesticides – Felicity or curse for the soil microbes*. AEIFORIA, Spin-off Company of Università Cattolica del Sacro Cuore, Piacenza, Italy.
- 31/08/2012-  
30/01/2013 Research Fellow of the project “*Evaluation of Laminarine in a IPM system, for the control of TSWV and Phytophthora infestations in tobacco, variety “Basma”, in Greece*”, Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki.
- 01/11/2010-  
31/12/2012 Research Fellow of the project SEE.ERA-NETplus, “Development and implementation of innovative tools to estimate the ecotoxicological impact of low dose pesticide application in agriculture on soil functional microbial diversity – ECOFUN-MICROBIODIV”, funded by European Commission and the German Aerospace

- 01/08/2012-30/12/2011 Centre, DLR, Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, School of Health Sciences, University of Thessaly.  
Research Fellow of the project "Evaluation of Laminarine in a IPM system, for the control of TSWV and Phytophthora infestations in tobacco, variety "Basmal", in Greece", Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki.
- 22/07/2010-30/08/2010 Research Fellow of the project "Extraction of tobacco plants flowers for analysis via GC-MS", Laboratory of Pesticide Science, School of Agriculture, Aristotle University of Thessaloniki

## RESEARCH INTERESTS AND ACTIVITIES

- Effects of agrochemicals and agricultural practices on the function and structure of soil microbial communities
- Physiology and ecology of soil nitrifiers
- Understanding the contribution of nitrifiers to nitrogen transformation, fertiliser loss and nitrous oxide production in soil
- Study of the mechanisms driving nitrification inhibitors activity towards nitrifying organisms
- Environmental fate and behaviour of agrochemicals

## RESEARCH FUNDING

- As Coordinator** Project NITRIC: "Looking up for Novel Nitrification Inhibitors: New Stories with old compounds"" funded by the General Secretariat for Research and Technology and the Hellenic Foundation for Research and Innovation and hosted by Laboratory of Plant and Environmental Biotechnology, Department of Biochemistry and Biotechnology, University of Thessaly. Duration: 26/07/2018 – 25/05/2021 (34 months), Total Funding: 200000€.
- Industrial project: "Investigation of Nitrification Inhibitors Activity on Soil Ammonia- and Nitrite-Oxidizing Isolates". Department of Environmental Sciences, University of Thessaly. Duration: 11/05/2022- 31/03/2023 (11 months), Funding Body: Syngenta Crop Protection AG, Basel, Switzerland; Total Funding: 28000€.
- As Partner** Project ACTIONr- Research Action Network for Reducing Reactive Nitrogen Losses from Agricultural Ecosystems; Funding Body: EU- HORIZON-WIDERA-2021-ACCESS-03 (Twinning); Duration: 2022 to 2025; Total Funding: 1.480.300.00 € (UTH 661.000 €) (Project Manager)
- Project Pipeline for Development and Commercialization of Biological Nitrification Inhibitors to mitigate GHG Emissions from Cultivated Soils; Duration: 2022 to 2024; Funding Body: Grantham Foundation; Total Funding: 1.166.000\$ (UTH 224.000\$)
- Project FRIDA- FRom Inhibition to aDAptation: Exploring the interplay between nitrification inhibitors and the soil microbiome towards a sustainable agriculture; Duration: 2022 to 2024, Funding Body: HFRI & GSRI; Total Funding: 110.400,00

€ (Leader of the Group Hosting Postdoctoral Fellow Dr Chiara Perruchon)  
 Project ARISTO- The European Industry - Academia Network for Reviving and Advancing the Assessment of the Soil Microbial TOxicity of Pesticides. Duration:2020-2023 Funding Body: EU, MSCA – ITN – EID – H2020; Funding allocated to UTH: 398.537.64€ (Member of the Research Team)  
 Project REASSESS-REvolutionizing the Assessment of the toxicity of pesticides on Soil microorganisms: from Single species tests to EcoSystem approachES; Funding Body: HFRI&GSRI. Total Funding: 184.000 € (Member of the Research Team.)

### Other scientific activities

- Referee for scientific journals, including "Science of the Total Environment", "Biodegradation", "PLOS ONE", "Applied Soil Ecology", "Geoderma", "Frontiers in Microbiology"
- Member of the Hellenic Initiative Mikrobiokosmos
- Organizing and Scientific committee of the 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens (Greece) 2021

### LIST OF PUBLICATIONS

In peer-reviewed journals

(\* corresponding author)

1. **Papadopoulou ES\***, Bachtsevani E, Papazlatani CV, Rousidou C, Brouziotis A, Lampronikou E, Tsiknia M, Vasileiadis S, Ipsilantis I, Menkissoglu-Spiroudi U, Ehaliotis C, Philippot L, Nicol GW, Karpouzas DG. The Effects of Quinone Imine, a New Potent Nitrification Inhibitor, Dicyandiamide, and Nitrapyrin on Target and Off-Target Soil Microbiota. *Microbiol Spectr.* 2022 Aug 31;10(4): e0240321. doi: 10.1128/spectrum.02403-21.
2. Bachtsevani, E., Papazlatani C.V., Rousidou C., Lampronikou E., Menkissolgou-Spiroudi, U., Nicol, G.W., Karpouzas, D.G., **Papadopoulou E.S.\***, 2021. Effects of the nitrification inhibitor 3,4-dimethylpyrazole phosphate (DMPP) on the activity and diversity of the soil microbial community under contrasting soil pH. *Biology and Fertility of Soils* 57: 1117–1135. <https://doi.org/10.1007/s00374-021-01602-z>.
3. **Papadopoulou E.S.\***, Bachtsevani, E., Lampronikou, E., Adamou, E., Katsaouni, A., Vasileiadis, S., Thion, S., Nicol, G.W., Menkissolgou-Spiroudi, U., Karpouzas, D.G., 2020. Comparison of Novel and Established Nitrification Inhibitors Relevant to Agriculture on Soil Ammonia- and Nitrite-Oxidizing Isolates. *Frontiers in Microbiology*,11:581283 doi: 10.3389/fmicb.2020.581283.
4. Perruchon C., Vasileiadis S., **Papadopoulou E.S.**, Karpouzas D. G. 2020. Genome-based metabolic reconstruction unravels the key role of B12 in Methionine auxotrophy of an *ortho*-phenylphenol-degrading *Sphingomonas haloaromaticamans*. *Frontiers in Microbiology*, 10: 3009 doi: 10.3389/fmicb.2019.03009.
5. Vasileiadis S., Puglisi E., **Papadopoulou E.S.**, Pertile G., Suciú N., Papolla, A., Tourna M., Karas P.A., Papadimitriou F., Kasiotakis A., Ipsilanti N., Ferrarini A.,

- Sulowic S., Fornasier F., Nicol G.W., Trevisan M., Karpouzas D.G., 2018. Blame it on the metabolite: 3,5-dichloraniline rather than the parent compound is responsible for decreasing diversity and function of soil microorganisms. *Applied and Environmental Microbiology*, doi:10.1128/AEM.01536-18.
6. Karas P.A., Baguelin C., Pertile G., **Papadopoulou E.S.**, Nikolaki S., Storck V., Ferrari F., Trevisan M., Ferrarini A., Fornasier F., Vasileiadis S., Tsiamis G., Martin-Laurent F., Karpouzas D.G., 2018. Assessment of the impact of three pesticides on microbial dynamics and functions in a lab-to-field experimental approach. *Science of the Total Environment*, 637–638: 636–646.
  7. Storck V., Nikolaki S., Perruchon C., Chabanis C., Sacchi A., Pertile G., Baguelin C., Karas P. A., Spor A., Devers-Lamrani M., **Papadopoulou E. S.**, Sibourg O., Malandain C., Trevisan M., Ferrari F., Karpouzas D.G., Tsiamis G., Martin-Laurent F., 2018. Lab to field assessment of the ecotoxicological impact of chlorpyrifos, isoproturon, or tebuconazole on the diversity and composition of the soil bacterial community. *Frontiers in Microbiology*, doi: 10.3389/fmicb.2018.01412.
  8. **Papadopoulou E.S.**, Perruchon C., Vasileiadis S., Rousidou C., Tanou G., Samiotaki M., Molassiotis A., Karpouzas D.G., (2018) Metabolic and evolutionary insights in the transformation of diphenylamine by a *Pseudomonas putida* strain unraveled by genomic, proteomic, and transcription analysis. *Frontiers in Microbiology*, doi: 10.3389/fmicb.2018.00676.
  9. **Papadopoulou E.S.**, Genitsaris S., Omirou M., Perruchon C., Stamatopoulou A., Ioannides I., Karpouzas D.G., 2018. Bioaugmentation of thiabendazole-contaminated soils from a waste-water disposal site: Factors driving the efficacy of this strategy and the diversity of the indigenous soil bacterial community. *Environmental Pollution*, 233: 16-25.
  10. Perruchon C., Vasileiadis S., Rousidou C., **Papadopoulou E.S.**, Tanou G., Samiotaki M., Molassiotis A., Papadopoulou K.K., Karpouzas D.G., 2017. Metabolic pathway and cell adaptation mechanisms revealed through genomic, proteomic and transcription analysis of a *Sphingomonas haloaromaticamans* strain degrading *ortho*-phenylphenol *Scientific Reports* 7: 6449, doi:10.1038/s41598-017-06727-6.
  11. Campos M., Karas P., Perruchon C., **Papadopoulou E.S.**, Christou V., Menkissoglou-Spiroudi U., Diez M.C., 2017. Novel insights into the metabolic pathway of iprodione by soil bacteria. *Environ. Sci. Pollut. Res.*, 24: 152-163.
  12. Karas P., Perruchon C., Karanasios E., **Papadopoulou E.**, Manthou E., Sitra S., Ehaliotis C., Karpouzas D. G., 2016. Integrated biodepuration of pesticide-contaminated wastewaters from the fruit-packaging industry: Bioaugmentation, risk assessment and optimized management. *J. Haz. Mat.*, 320:635-644.
  13. **Papadopoulou E.S.**, Karas P.A., Nikolaki S., Storck V., Ferrari F., Trevisan M., Tsiamis G., Martin-Laurent F., Karpouzas D.G., 2016. Dissipation and adsorption of isoproturon, tebuconazole, chlorpyrifos and their main

- transformation products under laboratory and field conditions. *Sci. Total Environ.*, 69–570: 86–96.
14. Karas P.A., Makri S., **Papadopoulou E.S.**, Ehaliotis C., Menkissoglou-Spiroudi U., Karpouzas D.G., 2016. The potential of organic substrates based on mushroom substrate and straw to dissipate fungicides contained in effluents from the fruit-packaging industry- Is there a role for *Pleurotus ostreatus*? *Ecotoxicol. Environ. Saf.*, 124:447-454.
  15. **Papadopoulou E.S.**, Tsachidou B., Sułowicz S., Menkissoglu-Spiroudi U., Karpouzas D.G., 2016. Land spreading of wastewaters from the fruit-packaging industry: are there any effects on soil microbes? The case of the antioxidant ethoxyquin and its metabolites. *Applied and Environ. Microb.*, 82:747-755.
  16. Storck V., Lucini L., Mamy L., Ferrari F., **Papadopoulou E.S.**, Nikolaki S., Karas P.A., Servien R., Karpouzas D.G., Trevisan M., Benoit P., Martin-Laurent F., 2016. Identification and characterization of tebuconazole transformation products in soil by combining suspect screening and molecular typology. *Environ. Pollut.*, 208:537-545.
  17. **Papadopoulou E.S.**, Lagos S., Spentza F., Vidiadakis E., Karas P.A., Klitsinaris T., Karpouzas D.G., 2015. The dissipation of fipronil, chlorpyrifos, fosthiazate and ethoprophos in soils from potato monoculture areas: first evidence for the enhanced biodegradation of fosthiazate. *Pest Manag. Sci.*, 72: 1040-1050.
  18. Karas P., Metsoviti A., Zisis V., Ehaliotis C., Omirou C., **Papadopoulou E.S.**, Menkissoglu-Spiroudi U., Manta S., Komiotis D., Karpouzas D.G., 2015. Dissipation, metabolism and sorption of pesticides used in fruit-packaging plants: Towards an optimized depuration of their pesticide-contaminated agro-industrial effluents. *Sci. Total Environ.* 530-531: 129-139.
  19. Perruchon C., Batiannis C., Zouborlis S., **Papadopoulou E.**, Ntougias S., Vasileiadis S., Karpouzas D.G., 2015. Isolation of a diphenylamine-degrading bacterium and characterization of its metabolic capacities, bioremediation and bioaugmentation potential. *Environ. Sci. Pollut. Res.*, 23: 4320-4333.
  20. Karpouzas D.G., **Papadopoulou E.**, Ipsilantis I., Petric I., Udikovic-Kolic N., Djuric S., Kandeler E., Menkissoglu-Spiroudi U., Martin-Laurent F., 2013. Effects of nicosulfuron on the abundance and diversity of arbuscular mycorrhizal fungi used as indicators of pesticide soil microbial toxicity. *Ecol. Indic.*, 39: 44-53.
  21. Rousidou C., **Papadopoulou E.**, Kortsinidou M., Giannakou I.O., Singh B.K., Menkissoglu-Spiroudi U., Karpouzas D.G., 2013. Bio-pesticides: Harmful or harmless to ammonia oxidizing microorganisms? The case of a *Paecilomyces lilacinus*-based nematicide. *Soil Biol. Biochem.*, 67: 98-105.
  22. Marinozzi M., Coppola L., Monaci E., Karpouzas D.G., **Papadopoulou E.**, Menkissoglu-Spiroudi U., Vischetti C., 2012. The dissipation of three fungicides in a biobed organic substrate and their impact on the structure and activity of the microbial community. *Environ. Sci. Pollut. Res.*, 20: 2546-2555.

23. **Papadopoulou E.S.**, Karpouzas D.G., Menkissoglu-Spiroudi U., 2011. Extraction parameters significantly influence the quantity and the profile of PLFAs extracted from soil. *Microb. Ecol.*, 62: 704-714.

Abstracts in  
National  
Conference  
Proceedings

1. Eleftheria Bachtsevani, Christina V. Papazlatani, Constantina Rousidou, Eleni Lampronikou, Myrto Tsiknia, Sotirios Vasileiadis, Urania Menkissoglu-Spiroudi, Constantinos Ehaliotis, Laurent Philippot, Graeme W. Nicol, Dimitrios G. Karpouzas, **Evangelia S. Papadopoulou**. Beyond on-target effects of potential and established nitrification inhibitors on the soil microbiota. 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens 16-18 December 2021 (Oral Presentation).
2. **Evangelia S. Papadopoulou**, Eleftheria Bachtsevani, Christina V. Papazlatani, Constantina Rousidou, Eleni Lampronikou, Urania Menkissoglu-Spiroudi, Graeme W. Nicol, Constantinos Ehaliotis, Dimitrios G. Karpouzas. Comparative evaluation of the efficacy of quinone imine, dicyandiamide (DCD), nitrapyrin, and 3,4-dimethylpyrazole phosphate (DMPP) to inhibit nitrification under different temperature and pH conditions. 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens 16-18 December 2021 (Poster).
3. Athanasia Katsoula, Eleftheria Bachtsevani, Chrysoula Charami, Eleni Lampronikou, Dimitrios G. Karpouzas, **Evangelia S. Papadopoulou**. The effect of nitrogen fertilization and nitrification inhibitors on comammox Nitrospira in a loamy rice soil. 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens 16-18 December 2021 (Poster).
4. Maria Kolovou, **Evangelia S. Papadopoulou**, Eleftheria Bachtsevani, Graeme W. Nicol, Dimitrios G. Karpouzas. Toxicity of pesticides on soil microbes: Ammonia-oxidizing microorganisms as new bioindicators for regulatory use. 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens 16-18 December 2021 (Poster).
5. Alexandre Pedrinho, Panagiotis Karas, **Evangelia S. Papadopoulou**, Christina Papazlatani, Gal Wittenberg, Dimitrios Karpouzas. Assessing the toxicity of biopesticides on soil microbiota using a modification of the OECD 216 test. 9th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens 16-18 December 2021 (Poster).
6. **Papadopoulou, E.S.**, Lampronikou, E., Bachtsevani, E., Adamou, E., Katsaouni, A., Vasileiadis, S., Nicol, G.W., Menkissolgou-Spiroudi, U., Karpouzas, D.G. In vitro evaluation of the inhibitory effect of Quinone Imine -the main oxidation derivative of ethoxyquin -on nitrification. 8th Conference of the Hellenic Scientific Society Mikrobiokosmos, Patras 18-20 April 2019 (Poster).
7. **Papadopoulou, E.S.**, Lampronikou, E., Bachtsevani, E., Adamou, E., Katsaouni, A., Vasileiadis, S., Nicol, G.W., Menkissolgou-Spiroudi, U., Karpouzas, D.G. *In vitro* evaluation of the inhibitory effect of Quinone Imine -the main oxidation derivative of ethoxyquin -on nitrification. 8<sup>th</sup>



- Conference of the Hellenic Scientific Society Mikrobiokosmos, Patras 18-20 April 2019 (Poster).
8. Papazlatani C., Perruchon C., Katsoula A., Lagos S., **Papadopoulou E.S.**, Vasileiadis S., Karas P.A., Karpouzas D.G. Isolating bacteria able to rapidly degrade fungicides used in fruit packaging industry: Tailored made inocula for the treatment of relevant agro-industrial effluents. 8<sup>th</sup> Conference of the Hellenic Scientific Society Mikrobiokosmos, Patras 18-20 April 2019 (Poster).
  9. **Papadopoulou E.S.**, Thion C., Nicol G.W., Menkisslu-Spiroudi U., Karpouzas D.G. In vitro testing of the inhibitory effect of EQ and its oxidation derivatives on nitrification. 7th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 07-09 April 2017 (Oral Presentation).
  10. Karas P.A., **Papadopoulou E.S.**, Baguelin C., Pertile G., Storck V., Nikolaki S., Ferrari F., Tsiamis G., Martin-Laurent F., Karpouzas D.G. Assessing the toxicity of pesticide on soil microorganisms following a lab-to-field tiered experimental approach. 7th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 07-09 April 2017 (Poster).
  11. **E. Papadopoulou**, C. Perruchon, C. Rousidou, M. Omirou, N. Stamatopoulou D.G. Karpouzas (2015) Bioaugmentation of pesticide-contaminated soils receiving wastewaters from fruit packaging plants. 2nd Environmental Conference of Thessaly, 26-28 September 2015, Skiathos, Greece (Oral Presentation).
  12. **Papadopoulou E.S.**, Menkissoglu-Spiroudi U., Karpouzas D.G. (2015) The impact of ethoxyquin and its metabolites on the function of ammonia oxidizing bacteria and archaea. 6th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Poster).
  13. Perruchon C., Rousidou C., **Papadopoulou E.S.**, Batianis K., Zouborlis S., Vasiliadis S., Tanou G., Amoutzias G., Karpouzas D. G. (2015). Isolation and proteogenomic characterization of a diphenylamine-degrading *Pseudomonas putida* bacterium. 6th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Poster).
  14. Perruchon C., **Papadopoulou E.S.**, Rousidou C., Vasiliadis S., Tanou G., Amoutzias G., Karpouzas D.G. A proteogenomic analysis of a *Sphingomonas haloaromaticamans* strain able to degrade the fungicide ortho-phenylphenol used in fruit-packaging industry. 6th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 03-05 April 2015 (Oral Presentation).
  15. **E. Papadopoulou**, I. Ipsilantis, U. Menkissoglu-Spiroudi, E. Kandeler, I. Petric, S. Djuric, F. Martin-Laurent., D.G. Karpouzas. Are arbuscular mycorrhizal fungi responsive to pesticide applications? The case of the herbicide nicosulfuron. 5th Conference of the Hellenic Scientific Society Mikrobiokosmos, Athens, 13-16 December 2012 (Poster).
  16. **E.S. Papadopoulou**, D.G. Karpouzas, U. Menkissoglu-Spiroudi. The impact of fungicides contained in the wastewaters of fruit packaging plants on soil microorganisms. 16th National Conference of Phytopathology, Thessaloniki, 16-18 October 2012 (Poster).

17. Karpouzas D.G., Rousidou C., **Papadopoulou E.**, Omirou M., Ipsilantis I., Papadopoulou K.K, Ehaliotis K., Menkissoglu-Spiroudi U., Singh B.K., Puglisi E. Pesticides effects on the structure and function of non-target soil microbes: Truths, lies and regulatory issues. 4th Conference of the Hellenic Scientific Society Mikrobiokosmos, Ioannina, 21-23 October 2011 (Oral Presentation).
18. **Papadopoulou E.S.**, Karpouzas D. G., Menkissoglu-Spiroudi U. Study of the extraction parameters that significantly influence the quantity and the composition of PLFAs extracted from soils. 3rd Conference of the Hellenic Scientific Society Mikrobiokosmos, Thessaloniki, 16-18 December 2010 (Poster).
19. D.S. Koveos, G.D. Broufas, M.L. Pappas, A. Della, **E. Papadopoulou** (2005). Estimating the toxicity of some insecticides and acaricides on the predatory mite *Euseius finlandicus* (Acarina: Phytoseiidae) populations. 11th National Conference of Entomology, Karditsa, 11-14 October 2005 (Poster).
20. D.S. Koveos, G.D. Broufas, M.L. Pappas, E. Chatzigianni, A. Della, **E. Papadopoulou**, D. Profitou-Athanasidou, N. Koulousis (2005). Insecticide resistance of the predatory mite *Euseius finlandicus* (Acarina: Phytoseiidae) populations. 11th National Conference of Entomology, Karditsa, 11-14 October 2005 (Poster).

Abstracts in  
International  
Conference  
Proceedings

1. Kolovou Maria, Bachtsevani Eleftheria, **Papadopoulou Evangelia S.**, Christina Hazard, Nicol Graeme W., Karpouzas Dimitrios G. In vitro screening of soil representative nitrifying strains as potential microbial indicators for regulatory use. 3rd International Conference in Microbial Ecotoxicology Ecotoxicomic 15-18 November 2022, Montpellier, France (Poster).
2. Eleftheria Bachtsevani Maria Kolovou, **Evangelia S. Papadopoulou**, Dimitrios G. Karpouzas, Christina Hazard, Graeme W. Nicol. In vitro assessment of toxicity of pesticides on activity of non-target ammonia-oxidizing microorganism. 18th International Symposium on Microbial Ecology (ISME), 14-19 August 2022, Lausanne, Switzerland (Poster).
3. Dimitrios G. Karpouzas, Eleftheria Bachtsevani, Athanasia Katsoula, Chrysoula Charami, Eleni Lampronikou, **Evangelia S. Papadopoulou**. Exploring the responses of comammox *Nitrospira* to nitrogen fertilization and nitrification inhibitors in a loamy rice-soil. 18th International Symposium on Microbial Ecology (ISME), 14-19 August 2022, Lausanne, Switzerland (Poster).
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  19. Veronika Storck, Giorgia Pertile, **Evangelia S. Papadopoulou**, Nadine Rouard, Marion Devers, Jérémie Béguet, Federico Ferrari, Marco Trevisan, Dimitrios Karpouzas, Fabrice Martin-Laurent (2014) Fate and metabolism of the herbicide isoproturon in soil microcosms and its impact on soil microbial communities. 13th IUPAC International Congress of pesticide Chemistry, San Fransisco 10-14 August 2014 (Poster).

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22. **Papadopoulou E.S.**, Tsachidou B., Menkissoglu-Spiroudi U., Karpouzas D. G. (2011) The impact of pesticides contained in wastewaters from the fruit packaging industry on the diversity and function of soil microbes. 7th International Symposium MGPR "Paolo Cabras", 9-11 November 2011, Thessaloniki, Greece (Oral Presentation)

Other authorial  
activities

Participation in the editorial -translation group of the scientific book *Processes in Microbial Ecology*, Second Edition. David L. Kirchman. Oxford University Press (2018) for CreteUniPress (Chapter 12: The nitrogen cycle)