

PERSONAL INFORMATION

Stamatios Kavalilis

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Sex Male | Date of birth 24/11/1974 | Nationality Greek

WORK EXPERIENCE

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- 01/03/2018–Present Scientific - Research project: ""Towards farms with zero carbon - waste - and water - footprint - Roadmap for sustainable management strategies for Balkan agricultural sector - BalkanROAD".
Benaki Phytopathological Institute, Kifisia, Attica (Greece)
- 01/03/2019–Present Scientific - Research project: "Innovative technologies for climate change mitigation by Mediterranean agricultural sector" - LIFE/ClimeMED
Benaki Phytopathological Institute, Kifisia, Attica (Greece)
- 01/11/2016–Present Gardening activities, Healing gardens, Composting, Saponification at "Stavros Niarchos" Park.
Stavros Niarchos Foundation Cultural Center, Athens (Greece)
- 01/04/2012–Present "Soil and Composting" – Teaching organic farmers.
Eco-school, Aphidnes (Greece)
- 22/09/2008–Present "Environmental Education" - Teaching at Second Chance School (adult's typical education).
Greek Ministry of Education, Research and Religious Affairs / Second Chance School of Korydallos - Second Chance School of Agii Anargiri - Second Chance School of Korydallos Prison, Second Chance School of Athens, Piraeus, Athens (Greece)
- 01/08/2017–31/10/2017 Soil - Composting - Irrigation - Environment - Teaching new farmers.
Greek Ministry of Rural Development and Food / Greek Agricultural Institute - "Demetra", South Peloponnese (Greece)
- 03/05/2017–04/05/2017 "Soil and Compost" - Teaching at high school for gardeners (10 hours).
Greek Ministry of Rural Development and Food / Greek Agricultural Institute - "Demetra" / Syggrou technical school, Athens (Greece)
- 18/01/2017–08/02/2017 Consultant services at "Educational projects".
Entechnos Logistiki S.A., Athens (Greece)
- 01/04/2014–30/09/2016 Design, implementation and co-ordination of the project "Lifelong Learning Centers".
Greek Ministry of Education, Research and Religious Affairs - Youth and Lifelong Learning Foundation, Athens (Greece)

- 01/10/2013–31/07/2016 Consultant on the plants nutrient substrates (compost, soils, sand, soil mixtures) at the “Stavros Niarchos Foundation Cultural Center” project.
Stavros Niarchos Foundation - Betaplan S.A., Piraeus (Greece)
- 04/12/2015–05/12/2015 "Activities at the school gardens" - Teaching the school staff (14 hours).
Greek Ministry of Education, Research and Religious Affairs / Environmental education centers, Elefsina (Greece)
- 01/09/2014–30/06/2015 Implementation and co-ordination of the project "Development of the National Certification System for Non-Formal Education and Informal Learning Outcomes".
Greek Ministry of Education, Research and Religious Affairs / National Organisation for the Certification of Qualifications & Vocational Guidance, Athens (Greece)
- 01/09/2008–28/02/2015 "Soil science" - "Soil fertilization" - "Desertification" - Teaching undergraduate students.
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory, Athens (Greece)
- 05/06/2014–03/07/2014 "Urban vegetable gardens" - Teaching adults (25 hours).
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation – Lifelong Learning Center of Korydallos, Piraeus (Greece)
- 01/12/2011–31/03/2014 Implementation and co-ordination of the project "Voucher of initial vocational training".
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 01/12/2008–30/12/2011 Design, implementation and co-ordination of the project "Lifelong Learning Centers / e-Learning".
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 11/12/2011–18/12/2011 "Composting in rural areas" - Teaching organic farmers (12 hours).
Greek Ministry of Rural Development and Food / Greek Agricultural Institute - "Demetra", Athens (Greece)
- 01/04/2011–03/04/2011 "Composting in urban and rural areas" - Teaching adults (16 hours).
Greek Ministry of Rural Development and Food / Greek Agricultural Institute - "Demetra", Athens (Greece)
- 14/05/2010–30/07/2010 "Natural Resources Management / e-Learning" - Teaching adults (50 hours).
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 01/04/2007–31/03/2010 Member of the supervisors of the project “Penteli Mt reforestation in the region of Agia Marina – Nea Makri” (financed by Stavros Niarchos Foundation).
Stavros Niarchos Foundation - Greek Organization for the Development of Beneficial Causes, Piraeus (Greece)

- 01/04/2009–30/06/2009 **Scientific – Research project: "The concentration of glucosinolates in plants of Brassicaceae family and the Biofume application".**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: C. Ehaliotis, Athens (Greece)
- 01/04/2009–30/06/2009 **Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, Thessaloniki (Greece)
- 01/01/2009–31/03/2009 **Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, Thessaloniki (Greece)
- 01/08/2008–30/09/2008 **Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, Thessaloniki (Greece)
- 12/05/2006–30/09/2008 **Design, implementation and co-ordination of the project "Farmers education on secondary and tertiary sectors of economy".**
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 01/07/2008–31/07/2008 **Soil sampling for the Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, North Greece (Greece)
- 01/07/2008–31/07/2008 **Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, Thessaloniki (Greece)
- 21/05/2008–30/06/2008 **Scientific – Research project: "Nutrients, heavy metals, physical and chemical properties of the soils at the Regional Governor of Eastern Macedonia & Thrace".**
Aristotle University of Thessaloniki / Faculty of Agriculture, Forestry and Natural Environment. Supervisor: N. Misopolinos, Thessaloniki (Greece)
- 01/03/2008–31/05/2008 **Enrichment of the existing curriculum in electronic form of the following courses: 1. Soil Fertility, 2. Soil Science, 3. Soil Chemistry, 4. Environmental impacts of the usage of sewage sludge in agricultural soils.**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering. Supervisor: G. Papadakis, Athens (Greece)
- 01/01/2008–31/01/2008 **Calculation and evaluation of the additional costs of farmer's income foregone due**

to agri-environmental measures.

Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering. Supervisor: G. Zervas, Athens (Greece)

- 01/10/2007–31/10/2007 **Determination of soil degradation during the turf harvesting in Kopaida plain.**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: I. Asimakopoulos, Athens (Greece)
- 01/01/2007–31/05/2007 **Controlled efficiency experiments of the nitrogen fertilizers.**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: I. Asimakopoulos, Athens (Greece)
- 01/05/2006–31/07/2006 **Effect of maize plant residues and olive-mill wastewaters applied to an alkaline soil in Western Greece on the distribution of mineral-N and on soil quality indicators.**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: C. Ehaliotis, Athens (Greece)
- 01/03/2006–30/04/2006 **Writing of laboratory experiments handbook of the course "Soil Science".**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering. Supervisor: G. Papadakis, Athens (Greece)
- 01/06/2005–31/12/2005 **Effect of maize plant residues and olive-mill wastewaters applied to an alkaline soil in Western Greece on the distribution of mineral-N and on soil quality indicators.**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: C. Ehaliotis, Athens (Greece)
- 01/01/2005–31/03/2005 **Writing and enrichment of the existing curriculum in electronic form of the following courses: 1. Soil Science – Soil fertility, 2. Laboratory experiments on Soil fertility and Fertilizers, 3. Geographical Information Systems (G.I.S.).**
Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering. Supervisor: G. Papadakis, Athens (Greece)
- 21/03/2001–21/03/2003 **Technical manager of the project "Egaleo Mt reforestation in the region of Piraeus Prefecture (Nikea – Keratsini – Korydallos)". Supervised the compost production and the plant's nutrient substrates.**
Piraeus Prefecture, Piraeus (Greece)
- 02/08/2000–05/10/2000 **"Environmental Protection and Sustainability" - Teaching adults (40 hours).**
Piraeus Prefecture, Piraeus (Greece)
- 08/07/2000–02/10/2000 **"Urban and Suburban Green" - Teaching adults (168 hours).**
Piraeus Prefecture, Piraeus (Greece)
- 01/07/1997–31/08/1997 **Training at Soil Science and Agricultural Chemistry Laboratory of Agricultural University of Athens.**

Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: Ch. Kallianou., Athens (Greece)

01/07/1996–31/08/1996

Training at Soil Science and Agricultural Chemistry Laboratory of Agricultural University of Athens.

Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: Ch. Kallianou., Athens (Greece)

EDUCATION AND TRAINING

14/01/2019–Present

PhD student at “Chemical Engineering and Engineering Sustainability” in Open University of Cyprus (dissertation: Production of acidic / neutral composts by using large animal mortalities and other agricultural additives to serve circular economy of agro-livestock holdings in Mediterranean region).

EQF level 8

Open University of Cyprus / Faculty of Pure and Applied Sciences / Laboratory of Chemical Engineering and Engineering Sustainability. Supervisor: A. Zorpas, Nicosia (Cyprus)

19/10/2000–28/11/2002

Post graduate studies at “Soil Resource Management for Sustainable Agriculture” at Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering (dissertation: “Compost N-mineralization emanated from natural xerophytic Mediterranean vegetation, soil application and the effects of zeolite”).

EQF level 7

Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: Ch. Kallianou., Athens (Greece)

21/09/1993–30/05/2000

Completed course at Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering. Specialized in Soil Science and Agricultural Chemistry.

EQF level 6

Agricultural University of Athens / Department of Natural Resources Management and Agricultural Engineering / Soil Science and Agricultural Chemistry Laboratory. Supervisor: Ch. Kallianou., Athens (Greece)

01/05/2015–31/05/2015

Teaching methods at Second Chance School – How to manage a crisis among the adult students.

Greek Ministry of Education, Research and Religious Affairs / General Secretariat for Lifelong Learning, Athens (Greece)

16/03/2015–20/03/2015

How to make your school more international.

Euneos Corp. Finland, Malaga (Spain)

22/11/2014–10/01/2015

Training as a teacher for Second Chance Schools – Adult education.

Institute of Industrial and Business Education & Training - Hellenic Adult Education Association, Athens (Greece)

05/04/2014–20/06/2014

Education through Art.

Institute of Industrial and Business Education & Training - Hellenic Adult Education Association, Athens (Greece)

- 28/04/2014–25/05/2014 **Training as a teacher for "Lifelong Learning Centers".**
Hellenic Open University, Athens (Greece)
- 04/05/2011–04/06/2011 **Design, implementation and co-ordination educational projects training.**
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 12/06/2010–26/06/2010 **Training as a teacher for "Second Chance Schools" (adult education).**
Greek Ministry of Education, Research and Religious Affairs - Youth and Lifelong Learning Foundation, Athens (Greece)
- 18/11/2007–31/05/2008 **Training as a teacher for adult educational centers.**
Greek Ministry of Education, Research and Religious Affairs / Youth and Lifelong Learning Foundation, Athens (Greece)
- 01/02/1999–30/06/1999 **European Union's Organization and Policies (as part of the European project Jean Monnet).**
Agricultural University of Athens / Department of Agricultural Economics & Rural Development, Athens (Greece)
- 01/09/1998–28/02/1999 **European Union's Development Policies (as part of the European project Jean Monnet).**
Agricultural University of Athens / Department of Agricultural Economics & Rural Development, Athens (Greece)
- 01/09/1986–30/06/1999 **Completed violin courses.**
Piraeus Society Conservatory, Piraeus (Greece)
- 01/09/1993–30/06/1997 **Compulsory piano courses.**
Piraeus Society Conservatory, Piraeus (Greece)

PERSONAL SKILLS

Mother tongue(s) Greek

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
TOEIC					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT

Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

ECDL Progress

Driving licence B

ADDITIONAL INFORMATION

Study Extension of the integrated waste treatment infrastructure at Vlacherna - Arta (2017).

EPTA Environmental Engineers - Consultants S.A.

Study Member of the team "TAP's Environmental and Social Impact Assessment (Trans Adriatic Pipeline)" responsible for the soil including soil sampling, classification (FAO soil classification system), mapping using Geographical Information Systems (G.I.S.), desertification, pollution, impacts, restoration, land use e.t.c. (2011-2015).

E-ON, Environmental Resource Management (ERM) – Exergia S.A. – Asprofos Engineering

The study's files are published on the TAP's official website.

My participation as an Agronomist - Soil Specialist (p. 22):

https://www.tap-ag.com/assets/07.reference_documents/english/esias/Greece%20Amendment%201/ESIA%20Greece%20Amendment%20-%20Coverpage%20and%20Document%20Guide.pdf

TAP's files (including soil sampling, FAO classification system, mapping, desertification, pollution, impacts, restoration, land use etc.):

https://www.tap-ag.com/assets/07.reference_documents/english/esias/greece/ESIA_Greece_Annex_6.6.3_Soils_Baseline_Study.pdf

https://www.tap-ag.com/assets/07.reference_documents/english/esias/greece/ESIA_Greece_Annex_8.4_Soil_and_Subsoil.pdf

https://www.tap-ag.com/assets/07.reference_documents/english/esias/greece/ESIA_Greece_Annex_4.3_West_Soil_and_Water.pdf

https://www.tap-ag.com/assets/07.reference_documents/english/esias/greece/ESIA_Greece_Annex_4.3_East_Soil_and_Water.pdf

https://www.tap-ag.com/assets/07.reference_documents/english/esias/Greece%20Amendment%201/ESIA%20Supplement%20Greece.pdf

- Study** Member of the team "Penteli Mt reforestation at the region of Agia Marina – Nea Makri" responsible for the soil including classification, mapping, impacts, restoration e.t.c.(2011-2015).
Stavros Niarchos Foundation - Greek Organization for the Development of Beneficial Causes
- Study** Member of the team "Ecotourism at Menalo Mt" responsible for the soil including classification, mapping, impacts, restoration, land use e.t.c.(2002).
Arkadia Prefecture
- Study** Member of the team "Road slope rehabilitation of the region Epidaurus – Galatas" responsible for the soil including classification, mapping, desertification, pollution, impacts, restoration, land use e.t.c. (2002).
Piraeus Prefecture
- Study** Member of the team "Egaleo Mt reforestation at the region of Piraeus Prefecture (Nikea - Keratsini - Korydallos)" responsible for the soil including classification, mapping, desertification, pollution, impacts, restoration, land use e.t.c.(2000-2001).
Piraeus Prefecture
- Conferences** Production of acidic / neutral composts by using large animal mortalities and other agricultural additives to serve circular economy of agro-livestock holdings (2019).
S. Kavalis, A.A. Zorpas, M.K. Doula
HERAKLION 2019 - 7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, www.heraklion2019.uest.gr (Heraklion, Greece)
- Conferences** Perspective of Greek farmers and policy makers towards agribusinesses sustainability
S. Kavalis, Ch. Kolovos, G. Bartzas, A. Papadopoulos, Y. Troyanos, A. Matiatos, G. Stavropoulos, M.K. Doula
HERAKLION 2019 - 7th International Conference on Sustainable Solid Waste Management, 26-29 June 2019, Heraklion, Greece, www.heraklion2019.uest.gr
- Conferences** Sustainable practices for carbon-, waste- and water footprint reduction of agribusinesses in Balkan region-The example of a Greek winery.
M. K. Doula, S. Kavalis, A.A. Zorpas, G. Stavropoulos, S. Kosmidis, Y. Troyanos, E. Roukounaki, P. Kostopoulos, A. Matiatos
CEMEPE7 2019-7th International conference on environmental management, engineering, planning and economics, 19-24 May 2019, Mykonos, Greece, http://cemepe7.civil.auth.gr
- Conferences** Improving agribusinesses in the Balkan region in the framework of environmentally sustainable strategies. The cases of a winery and a vegetable processing company (2019).
Doula, M.K., Kavalis, S., Zorpas, A.A. Troyanos, Y., Kolovos, Ch., Papadopoulos, A.,Roukounaki, E., Kosmidis, S.
Climatico2019-International Conference Climate Change in the Mediterranean. Agriculture, Food and Health Impacts and Challenges, 11-12 April 2019, Limassol, Cyprus, http://climatico2019.com
- Publications** Effect of temperature in the soil adsorption kinetic of Cu (II) and Cd (II) in Alfisols. Adsorption kinetic models" (2012).
S. Kavalis, D. Ioannou and Ch. Kallianou
14th National Soil Conference (Thessaloniki)

- Publications** Effect of maize plant residues and olive-mill wastewaters applied to an alkaline soil in Western Greece on the distribution of mineral-N and on soil quality indicators (2007).
C. Ehaliotis, I. Massas, S. Kavalis, A. Koulopoulos and Ch. Bisdounis
Proceedings of SECODOX Conference and the International Conference on Environmental Management, Engineering, Planning and Economics, Volume II (Skiathos), pp.: 1255-1260.
- Publications** Compost N-mineralization emanated from natural xerophytic mediterranean vegetation, soil application and the effects of zeolite (2006).
S. Kavalis, Ch. Kallianou and D. Ioannou
11th National Soil Conference (Arta), pp: 447-456.
- Lecture** Plant residues - Plant nutrient substrates (May 2017).
Conference organizers: Agricultural University of Athens, Greek Landscape Constructors Association
Place: Agricultural University of Athens
- Lecture** Soils and Composting for professional agronomists (March 2017).
Conference organizers: Stavros Niarchos Foundation Cultural Center
Place: Stavros Niarchos Foundation Cultural Center (Athens)
- Lecture** Composting in urban areas (February 2017).
Conference organizers: Stavros Niarchos Foundation Cultural Center
Place: Stavros Niarchos Foundation Cultural Center (Athens)
- Lecture** Composting - Making plant nutrient substrates from plant residues (July 2013).
Conference organizers: Municipality of Loutraki – Perachora – Agii Theodori
Place: Loutraki (Korinthia)
- Certifications** Professional agronomist
Geotechnical Chamber of Greece. R.N.: 1-13139
- Certifications** Adult Trainer Non-Typical Education
Greek Ministry of Education, Research and Religious Affairs - National Organisation for the Certification of Qualifications & Vocational Guidance. R.N.: EB 27061.