

PERSONAL INFORMATION

Georgios A. Zagklis

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Sex Male | Date of birth 06/10/1981 | Nationality Greek

WORK EXPERIENCE

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- 5/2019- present **Scientific staff of the Laboratory of Non-Parasitic Diseases of the Department of Phytopathology**
Benaki Phytopathological Institute, 8, Stefanou Delta Street, Kifisia, 14561, 210 8180232
- Soil samples sampling and laboratory analysis
 - Compost, from plant wastes, samples analysis and quality evaluation
 - Spatial representation of the results, regarding the quality of the cultivated area of the project and the suitability of use of organic additives
 - GIS maps
- [Research Institute - Program: «Innovative technologies for climate change mitigation by Mediterranean agricultural sector» - Life17 CCM/GR000087](#)
- 01/03/2014-30/07/2014 **Scientific Associate**
Agricultural University of Athens, 75, Iera Odos, 11855, Athens, 2105294091
Description: Geodatabases, Data Entry, GIS maps.
[University-Research program "Establishment of Impact Assessment Procedure as a tool for the sustainability of Agro-system"](#).
- 01/01/2014 – 31/03/2014 **Scientific Associate**
Agricultural University of Athens, 75, Iera Odos, 11855, Athens, 2105294091
Aristotle University of Thessaloniki (Faculty of Agriculture, Forestry and Natural Environment)
Description: Responsible for soil sampling, aerial photo interpretation and remote sensing, soil mapping.
[University-Research program "Development of a unified geoinformatic system for soil data and delimitation of rural areas in the country"](#)
- 07/10/2013 – 31/12/2013 **Scientific Associate**
Aristotle University of Thessaloniki (Faculty of Agriculture, Forestry and Natural Environment), Campus, 54124, Thessaloniki, 2310 996000
Description: Responsible for soil sampling, aerial photo interpretation and remote sensing, soil mapping.
[University-Research program "Development of a unified geoinformatic system for soil data and delimitation of rural areas in the country"](#)
- 3/2012-3/2013 **Position of agronomist at the Ministry of Rural Development and Food of Greece.**
Description: Type Approvals of Agricultural Machinery and on-line data entry, Implementation of the National and European regulation on the mechanization, electrification and marketing of the agricultural machinery.

- 7/2010-7/2011** **Member of the G.I.S. Research Unit of Agricultural University of Athens**
 Agricultural University of Athens, 75, Iera Odos, 11855, Athens, 2105294091
Description: Recording, mapping of the urban green of the 1st downtown Athens Municipality, development of geographic database using GIS, statistical analysis
University - Research project: "Recording and management of urban green area (except landscaping and hills) of 1st M. Department of the municipality of Athens using Geographic Information System."
- 02/11/2009 – 31/12/09** **Member of the G.I.S. Research Unit of Agricultural University of Athens**
 Agricultural University of Athens, 75, Iera Odos, 11855, Athens, 2105294091
 ▪ Soil Sampling
 ▪ Creation of thematic maps using GIS
University - Research project: "Creation of soil maps and control of the quality of the soils of the northern Amvrakikos area"

EDUCATION AND TRAINING

- 2010-2013** **M.Sc. in Application of Geoinformatics on Natural Resources**
Name and type of organisation providing education and training: Agricultural University of Athens
Principal subjects / occupational skills covered: Geographical Information Systems, Cartography, Natural resources, Spatial Analysis, Fractal Analysis, Geodatabase design,
Diploma Thesis: "Fractals Theory Implementation on Describing, Analysing and Designing Land Use" under the supervision of Professor Kollia Vasiliki.
- 2000-2007** **B.Sc. in Natural Resources Management & Agricultural Engineering . Division: Soil Science and Agricultural Chemistry**
Name and type of organisation providing education and training: Agricultural University of Athens
Principal subjects / occupational skills covered: Soil Science, Agricultural Chemistry, Geoinformatics
Diploma Thesis: "Structured Environment Research in the cities of Argos, Komotini and Ioannina by using Geographic Information Systems ", under the supervision of Professor Kalivas Dionisios.

PERSONAL SKILLS

Mother tongue(s) Greek

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Spanish	B2	B2	B2	B2	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills

Ability to work independently and as a part of a team as well, ability to receive and give instructions to other team members, good communication skills

Organisational / managerial skills

Strong sense of responsibility, ability to manage time and prioritise tasks, strong research and analytical skills, critical thinking.

Job-related skills

Participation in projects, both national and European, and the total research activity gained significant experience and knowledge in several fields:

- Experience in the composing of soil studies, creation of thematic maps, analysis of soil samples, the evaluation of soils and the estimation of requirements on fertilizers
- Experience in mapping, of soil genesis and classification in the field, by examining the physical properties of soils, by spatial description of soil units, soil profiles description and by sampling and chemical analysis in the laboratory. Participation as a cartographer in the compilation of the land map of Greece.

http://esdac.jrc.ec.europa.eu/public_path/shared_folder/maps/eudasm_newmaps/EN/PDF/GRSoilMap_ENG.pdf

- Experience in geo statistical analysis (SPSS, ArcMap Geo statistical analyst) and in G.I.S. software use

Digital skills

SELF-ASSESSMENT

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

Levels: Basic user - Independent user - Proficient user

[Digital competences - Self-assessment grid](#)

- Fortran, Visual basic, SQL, PHP, Python.
- Windows 98/NT/XP/2000/Vista/7/8/10
- MySQL, MS SQL Server, Geodatabases
- ArcGis, Arcview, Arcmap, SPSS, MS Office, ENVY, GEOMATICA, Visual Studio, Matlab, Microsoft Navision (ERP), Dreamweaver, Photoshop.

Artistic Skills and Competences

Electric-Classical Guitar, Bass Guitar, Photography, Football, Martial Arts

Driving licence

- B

ADDITIONAL INFORMATION

Publications / Conferences

- Poster presentation with subject «Conventional agricultural practices and greenhouse gasses emission for the main Mediterranean crops» Maria Doula, Stamatios Kavalis, **George Zagklis**, Antonios Papadopoulos, Chronis Kolovos, Elisavet Roukounaki, Stavros Kosmidis and Gerasimos Tsitselis, at TERRAenVISION 2019, Working towards the sustainable development goals, Barcelona, 2-7 September 2019. <https://terraenvision.eu/2019/abstract.php?id=2090>
- **Zagklis G.**, Kolovos Ch., D. Kalivas, B. Kollia, 2012. "Application of the theory of fractals in description, analysis and design of land use". Thessaloniki. 14th Panhellenic Congress of Soil Science, Teloglion Foundation of Art A.U.Th., 1-2 November 2012. <http://soils2012.edafologiki.gr/wp-content/uploads/2012/10/prog2012.pdf>
- Kolovos Ch., **Zagklis G.**, Voulgaris G., Kalivas D., 2010, "Mapping and comparative analysis of the spatial distribution of urban green 13 cities using GIS". 20th ArcGis User Conference, Crowne Plaza Hotel, Athens, 1-3 November 2010. http://www.marathondata.gr/pdfs/programma_2010.pdf

Projects

- "Innovative technologies for climate change mitigation by Mediterranean agricultural sector-ClimaMED" (LIFE17 CCM/GR/000087).
- Development of a unified geoinformatics system for soil data and delimitation of rural areas in the country (project funded by the Paying and Control Agency for Guidance and Guarantee Community Aid)
- Establishment of Impact Assessment Procedure as a tool for the sustainability of Agro-system
- Recording and management of urban green area (except landscaping and hills) of 1st M. Department of the municipality of Athens using Geographic Information System.