



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **GEORGIOS ZALIDIS**
Address(es) Lab of Applied Soil Science, School of Agriculture, Univ. Box 231, Aristotle University of Thessaloniki, 54124, Thessaloniki, Greece
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E-mail zalidis_AT_agro.auth.gr
Nationality Greek
Date of birth 16/07/1957
Gender Male

Desired employment / Occupational field **Professor of Soil pollution and degradation**

Work experience

Dates 1995 - present
Occupation or position held Professor
Main activities and responsibilities Teaching at undergraduate and graduate levels. Supervising M.Sc. and Ph.D. candidates. Writing proposals, reports, scientific publications and books. Scientific responsible and co-operator in research projects relevant to soil pollution, soil quality and sustainability, bioremediation of degraded areas, restoration and rehabilitation of wetland ecosystems, wetland inventory and mapping. Collaboration with European Universities, participation in international conferences, Visiting Professor at National and International Institutes, Member of Scientific Committees.
Name and address of employer Laboratory of Applied Soil Science, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 231, 54124 Thessaloniki, Greece
Type of business or sector Research / academic institution
Dates 1991 - 1994
Occupation or position held Senior Scientist
Main activities and responsibilities Writing proposals, reports and scientific publications. Scientific responsible and cooperator in research projects.
Name and address of employer Greek Biotope / Wetland Centre, 14th km of Thessaloniki – Michaniona, Thermi, Thessaloniki, Greece
Type of business or sector Research / academic institution

Teaching experience

Dates 1991 - 1995
Occupation or position held Professor of Soil Science
Main activities and responsibilities Teaching at undergraduate levels. Supervising diplomas.
Name and address of employer Technological Institute of Thessaloniki, 57400 Sindos, Thessaloniki, Greece
Type of business or sector Research / academic institution
Dates 1988 - 1990

Occupation or position held Visiting Assistant Professor of Soil Pollution
 Main activities and responsibilities Teaching at undergraduate levels. Supervising diplomas.
 Name and address of employer Department of Civil and Environmental Engineering, Michigan State University, 000 W Akers Hall,
 East Lansing MI 48825 – 1304, United States of America
 Type of business or sector Research / academic institution

Education and training

Dates 1987 – 1988
 Title of qualification awarded Post Doctoral Studies
 Principal subjects/occupational skills covered Environmental Engineering
 Name and type of organisation providing education and training Michigan State University, USA
 Level in national or international classification ISCED 6

Dates 1982 – 1987
 Title of qualification awarded Ph.D.
 Principal subjects/occupational skills covered Soil Physics
 Name and type of organisation providing education and training Michigan State University, USA
 Level in national or international classification ISCED 6

Dates 1975 – 1980
 Title of qualification awarded B.Sc.
 Principal subjects/occupational skills covered Agronomy
 Name and type of organisation providing education and training School of Agronomy, Aristotle University of Thessaloniki, Greece.
 Level in national or international classification ISCED 5A

Personal skills and competences

Mother tongue(s) **Greek**

Other language(s) **English, French**

Self-assessment
European level ()*

English

French

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C2	
B1	B1	A2	A2	A2	

(*) *Common European Framework of Reference for Languages*

Social skills and competences Member of national and International Scientific Committees, Published over 80 research articles, made over 30 oral presentations in conferences, participated in more than 40 research programs, supervised Ph. D. dissertations, receiver of a fellowship and 2 awards.

Organisational skills and competences

Project manager for more than 30 national and international research projects, author and co-author of more than 100 publications, collaboration with European Universities, organizing technical meetings and conferences.

Technical skills and competences

Experimental design, soil and water chemical analysis, field soil and water sampling, writing of scientific reports and publications

Computer skills and competences

Use of specialized software and hardware (digital image processing, statistical, GPS)
Good command of most MS Office software.

Other skills and competences

Driving licence

EU driving license, Category B.

Additional information

Selected scientific publications

- Zalidis G., T. Crisman, V. Takavakoglou, T. Alexandridis and N. Tsotsolis. 2006. A management plan for Lake Koronia, Greece, leading to sustainable agriculture and ecosystem conservation. Proceedings of Protection and Restoration of the Environment VIII International Conference. 3-7 July 2006, Chania-Crete, Greece.
- Crisman T., V. Takavakoglou, T. Alexandridis, V. Antonopoulos and G. Zalidis. 2006. Rehabilitation of abandoned saltworks to maximize conservation, ecotourism and water treatment potential. Proceedings of the 1st International Conference on the Ecological Importance of solar saltworks. 20-22 October 2006, Santorini, Greece.
- Zalidis G. 2006. Description of the WETMUST project: Goals, objectives and expected benefits. Proceedings of the kick-off meeting for WETMUST project: "Integrated multiple level wetlands monitoring system using innovative technologies". 18 December 2006, Thessaloniki, Greece.
- Alexandridis T., V. Takavakoglou, G. Zalidis and T. L. Crisman. 2007. Remote sensing and GIS techniques for selecting a self-sustainable scenario for Lake Koronia. *Environmental Management*, 39(2): 278-290
- Papadopoulos N., E. Gikas, G. Zalidis and A. Tsaropoulos. 2007. Simultaneous determination of Terbutylazine and its Major Hydroxy and dealkylated metabolites in wetland water samples using solid-Phase extraction and high-performance liquid chromatography with diode-array detection. *Journal of Agricultural and food Chemistry* 55, p. 7270-7277.
- Gikas E., N. Papadopoulos, G. Zalidis and A. Tsaropoulos. 2007. A new metabolite of Terbutylazine N2-tert-butyl-N4-ethyl-6-methoxy-1,3,5-triazine-2,4-diamine.(submitted)
- Papadopoulos N., E. Gikas, G. Zalidis and A. Tsaropoulos. Simultaneous Determination of Terbutylazine and its major Hydroxy and Dealkylated Metabolites in *Typha latifolia* L. Wetland Plant using Solid-Phase Extraction and High Performance Liquid Chromatography with Diode-Array detection. (submitted)
- Karydas C., G. Zalidis, A. Tsatsarelis, N. Misopolinos and N. Silleos. 2008. Heterogeneity analysis on multiple scales: a new insight in Precision Agriculture. (submitted)
- Karydas C., I. Sarakiotis, G. Zalidis. Mapping risk of stream pollution risk by olive oil factories in Kolymvari, Crete: emphasising multi-level assessment in a case-based approach.
- Karydas C., I. Gitas, N. Silleos, G. Zalidis, N. Misopolinos. Development of an object-based classification model for mapping complex Mediterranean agricultural landscapes. *International Journal of Remote Sensing*. (submitted)
- Zalidis G., M. Bogiatzis. 2008. An object-oriented approach for wetland habitats inventory and assessment using ALOS AVNIR-2 and Unmanned Aerial Vehicle (UAV) data. Proceedings of the ALOS PI Symposium 2008. 3-7 November 2008.
- Zalidis G. 2008. Ensuring the Sustainable Reuse of Wastewater for Agricultural Irrigation in SemiArid/Arid Regions. Proceedings of the BSF Funded Workshop. 8-13 November 2008, Haifa, Israel.
- Crisman, T.L., G.C. Zalidis and V. Takavakoglou. 2009. Assessing ecological value of abandoned, active and restored solar saltworks. Second International Conference on the Ecological Importance of Solar Saltworks. Meridia, Mexico

Selected research projects

- "Founding of Balkan Environment Center and development of feasibility study", FORMAT S.A., 01/07 – 12/07
- "Protecting rivers from accidental industrial pollution – RIVER SHIELD", Region of Eastern Macedonia and Thrace, 10/06 – 01/07
- "Development and implementation of common monitoring system for the quality and quantity of surface water and the condition of Strimonas River between Hellas and Bulgaria", Region of Central Macedonia, 07/06 – 10/06
- "Mapping environmental parameters in a protected area using remote sensing, fuzzy logic and neural networks", Ministry of National Education and Religions, 04/05 – 12/06
- "Integrated multiple level wetlands monitoring system using innovative technologies (WETMUST)", European Union, 06/06 – 12/07
- "Scientific support including specifications for parameters and methodology to be implemented, in the frame of transboundary integrated river basin management in the context of Interreg IIIA-Phare CBC Greece-Bulgaria", Region of East Macedonia and Thrace, 04/05 – 04/06
- "Expertise to the Ministry of Finances for updating the technical specifications of the integrated management of Axios – Doiran river basin in the context of INTERREG IIIA-CARDS GREECE-FYROM", Ministry of Economy and Economics, 11/04 – 12/06
- "Action Programme of A.U.TH. and Ministry of Environment Physical Planning and Public Works for the realization of Greek participation in Globe – Wetland Programme of the European Space Agency", Ministry of Environment, Planning and Public Works, 04/03 – 3/06
- "Monitoring of Axios – Loudias – Aliakmonas Delta using remote sensing", Regulatory Organisation of Thessaloniki, 7/03 – 4/06
- "European valuation and assessment tools supporting wetland ecosystem legislation (EVALUWET)", European Union, 3/01 – 2/04
- "Planning and implementation of conservation measures of Mediterranean Wetlands", Goulandri Natural History Museum, 1/01 – 2/01
- "System for HYdrology using Land Observation for model Calibration (SHYLOC)". RTD Program Environment and Climate. DG XII., European Union, 11/97 – 12/99
- "Evaluation of a soil quality using wastewater treated water for crop irrigation". NATO project. In conjunction with University of Nebraska., NATO, 01/97 – 12/98