



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s)	NIKOLAOS / MISOPOLINOS
Address(es)	Lab of Applied Soil Science, School of Agriculture, Univ. Box 231, Aristotle University of Thessaloniki, 54124, Thessaloniki, Greece
Telephone(s)	(+30) 2310 998731
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E-mail	misopoli_AT_agro.auth.gr
Nationality	Greek
Date of birth	06/04/1945
Gender	Male

Desired employment / Occupational field

Professor Dr.

Work experience

Dates	1972 - Present
Occupation or position held	Professor, Laboratory Director
Main activities and responsibilities	Teaching at undergraduate and postgraduate levels. Supervising M.Sc. and Ph.D. candidates. Writing proposals, reports, scientific publications and books. Scientific responsible and co-operator in research projects mostly relevant to the Applied Soil Science. Collaboration with European Universities, participation in international conferences.

Name and address of employer	Laboratory of Applied Soil Science, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 231, 54124 Thessaloniki, Greece
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Type of business or sector	Research / academic institution
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Work experience

Dates	2008 - present
Occupation or position held	Professor, Laboratory Director
Main activities and responsibilities	Supervising M.Sc. and Ph.D. candidates, teaching, Writing proposals, reports and scientific publications. Collaboration with European Universities.

Name and address of employer	Laboratory of Remote Sensing and GIS, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 259, 54124 Thessaloniki, Greece
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Type of business or sector	Research / academic institution
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Teaching experience

Dates	1972 - present
Occupation or position held	Professor
Main activities and responsibilities	Teaching
Name and address of employer	Laboratory of Applied Soil Science, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 259, 54124 Thessaloniki, Greece
Type of business or sector	Research / academic institution

Education and training

Dates	1975 - 1980
Title of qualification awarded	PhD
Principal subjects/occupational skills covered	Applied Soil Science
Name and type of organisation providing education and training	Laboratory of Applied Soil Science, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 259, 54124 Thessaloniki, Greece
Level in national or international classification	ISCDE 6
Dates	1964-1969
Title of qualification awarded	BSc
Principal subjects/occupational skills covered	Agriculture
Name and type of organisation providing education and training	Laboratory of Applied Soil Science, School of Agronomy, Aristotle University of Thessaloniki, P.O. box 259, 54124 Thessaloniki, Greece
Level in national or international classification	ISCDE 5A
Dates	1970-1974
Title of qualification awarded	BSc
Principal subjects/occupational skills covered	Chemistry
Name and type of organisation providing education and training	Faculty of Sciences, Department of Chemistry , Aristotle University of Thessaloniki, Greece.
Level in national or international classification	ISCDE 5A

Personal skills and competences

Mother tongue(s) Greek

Other language(s) English

Self-assessment

European level (*)

English

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C1Proficient user	C1Proficient user	C1Proficient user	C1Proficient user	C1Proficient user	

(*) Common European Framework of Reference for Languages

Social skills and competences

Founder of the European Society for Soil Conservation and member of the Consul and member of the Executive Committee for more than 15 years, member of the International Society of Soil Science, member of the Hellenic Society of Soil Science, member of the Hellenic Society of Agricultural Engineering and member of the Hellenic Society of Photogrammetry and Remote Sensing.

Organisational skills and competences

Project manager for more than 30 national and international research projects.
Collaboration with European Universities, organizing technical Meetings and Conferences.
Director of the Laboratory of Applied Soil Science from 1993-today.
Director of the Laboratory of Remote Sensing and Geographic Information Systems (2008-today)
Dean of the faculty (2003-2007)
Vice Dean of the Faculty (2007-today).

Technical skills and competences	Experimental Design, Soil Degradation, Instrumental Analyses in Soil Science, Geographical Information Systems, Decision Support System
Computer skills and competences	Use of specialized software and hardware (digital image processing, statistical, GPS, ERDAS ENVI, ArcInfo) Excellent command of most MS Office software
Other skills and competences	Writer and co-writer of more than 30 citation index from foreign scientists Project Coordinator or Project Partner in more than thirty (30) Research Projects both at the National and the European level Writer of 3 books
Driving licence	EU driving license, Category B.
Additional information	

Selected scientific publications

1. Kalovoulos, J.M.; Misopolinos, N.D.; Silleos, N.G. 1979. Soil Conditioners and Fertilizers from Coals. 1. Soil Conditioning and Fertilizing of Φ -100. Soils and Fertilizers 1979, 6772. Vol. 42 No 11 (abstract).
2. Misopolinos N. 1981. A new method for determination of exchangeable Ca and Mg in presence of carbonates. Application of the proposed method and study of the Ca/Mg rates in soil of the Galatista territory (Chalkidiki province). Doct. Thesis, Sci. Annals of the School of Agriculture KA' 3. 1981.
3. Misopolinos N.D. 1984. Determination of CEC and Exchangeable Ca and Mg in nonsaline calcareous soils. J. of Soil Sci. 35:93-98.
4. Misopolinos N.D. and J.M. Kalovoulos, 1984. Effect of sand shape on evaporation from soil surface. Plant and Soil. 80:151-154.
5. Misopolinos N. 1985. A new concept for reclaiming sodic soils with high-salt water. Soil Sci. 140:69-74.
6. Misopolinos N.D. and Silleos N.G. 1986. Study of soil solution by microcomputers. Agricultural Research 10:199-221.
7. Misopolinos N.D. 1988. Reclamation of a fine clayey montmorillonitic soil with high-salt water under laboratory conditions. Z. Pflanzenernahr. Bodenkd., 150, 395-399.
8. Misopolinos N.D., N.G. Silleos and K.P. Prodromou 1988. The influence of exchangeable Mg on certain physical soil parameters in a number of Mg-affected soils. CATENA. 15.
9. Misopolinos N. and Ambas A. 1989. A computer program for calculating parameters necessary for reclaiming sodic soils using high-salt-water. Soil Technology 2:242-252.
10. Misopolinos N. 1990. A new model for reclamation of sodic soils. 3th Hellenic Conference on Soil Science, Athens.
11. Silleos N, Misopolinos N. and Perakis K. 1992. Relationships between remote sensing spectral indices and crops discrimination. Geocarto International 7(2):41-51.
12. Misopolinos N., Zalidis G. and Valmis S. 1995. Soil Degradation of Greek Soils.
13. Zalidis G., Misopolinos N., Takavakoglou V., Stamatiadis, St. 2002. The role of the soil in restoring wetland functions. In Restoration of Mediterranean Wetlands. Zalidis G., T.Crisman and P. Gerakis eds. Hell. Min. of Environment & Greek Biotope/Wetland Centre.
14. Bilas G., G. Zalidis, N. Misopolinos, G. Galanis, A. Paraskevas. 2002. A simple method for quantifying soil quality. Proceedings of the 9th National Soil Science Conference. 324-334. Athens.
15. Karydas C., G. Zalidis, A. Tsatsarelis, N. Misopolinos and N. Silleos. 2009. Heterogeneity analysis on multiple scales: a new insight in Precision Agriculture. in Joint International Agricultural Conference 2009, Wageningen 6-8/7/09.
16. Dionisiou N., Matsi Th., Misopolinos N. 2006. Use of magnesia for boron removal from irrigation Water. J. Environ. Qual. 35:2222-2228.
17. Karydas C., G. Zalidis, A. Tsatsarelis, N. Misopolinos and N. Silleos. 2009. Heterogeneity analysis on multiple scales: a new insight in Precision Agriculture. in Joint International Agricultural Conference 2009, Wageningen 6-8/7/09.
18. Dionisiou N., Matsi Th., Misopolinos N. 2012. Phosphorus adsorption - desorption on surfactant modified natural zeolite: a laboratory study. Water air soil pollut. 224: 1362.
19. Dionisiou N., Matsi Th., Misopolinos N. 2013. Removal of boron adsorption by surfactant modified zeolitic Tuff from Northeastern Greece. Journal of Agricultural science. Vol 5, 12:94-99.

Selected research projects

1. "Assessment of nutrients, heavy metals and hydrodynamic soil properties for the wise use of water and fertilizers and the growth of safe products in the Region of Eastern Macedonia and Thrace" (Contracted by the Prefecture of East Macedonia and Thrace to Aristotle University of Thessaloniki)
2. "Merging hydrological models and Earth observation data for reliable information on water - MyWater" (Contracted by EU-FP7, 2011-2013 to Aristotle University of Thessaloniki)
3. "Designation of added value quality characteristics for agricultural products using molecular analysis, soil indicators and geoinformatics" (Contracted by General Secretariat of Research and Technology to Aristotle University of Thessaloniki)
4. "Development of an integrated system of Geoinformative soil data and delineation of the agricultural national zones" (Contracted by Greek Payment and Control Agency for Guidance and Guarantee Community Aid to Aristotle University of Thessaloniki)
5. Geodatabase of soil data from cultivated with oriental tobacco type areas (Contracted by the company MISIRIAN to Aristotle University of Thessaloniki)
6. Tagarades Quarry: "Boron level assessment in soil and water of Kato Scholari dam area Thessaloniki". (2001-2002)
7. Wine Producers Association of "Macedonian Vineyards": "Physiographic and soil study of Siatista-Galatini-Eratira-Pelekanos, Kozani-Eani, Mesiani-Roditis and Velvendos vineyard areas using GIS". (2002-2004)
8. Wine Producers Association of "Macedonian Vineyards": "Physiographic and soil study of Goumenissa vineyard area using G.I.S." (2002-2007)
9. Anthemundas Municipality: "Study for ameliorating acid soils in Anthemounta municipality". (2003-2004)
10. Triglia Municipality: "Soil analysis and monitoring in Triglia municipality". (2007-today)
11. Anthemundas Municipality: "Monitoring of acid soils reclamation in the agricultural region of Galatista". (2008-today)
12. Agrology: "Soil analysis and soil management consultation". (2009—today)
13. Agrolab: "Planning and implementation of Kifisos river's pollution parameters project" (2009-today)
14. Region of Eastern Macedonia and Thrace: "Assessment of nutrients, heavy metals and hydrodynamic soil properties for the wise use of water and fertilizers and the growth of safe products in the Region of Eastern Macedonia and Thrace" (2007-today)