

A. PERSONAL INFORMATION

Name: Spyridon
Surname: Kaloudis
e-mail: kaloudis@aua.gr; spk793@gmail.com ;
Tel.: +30 6972694587



Current position: Professor Emeritus, Agricultural University of Athens.

B. STUDIES

B.1 UNIVERSITY EDUCATION

- **Ph.D.:** Agricultural University of Athens, Computer Science Laboratory. PhD Thesis Topic: "Decision Support System for the Management of Forest Ecosystems Based on Geographic and Knowledge Systems".
- **MSc:** National and Kapodistrian University of Athens, School of Sciences, Department of Physics. "Master's Degree in Environmental Physics".
- **B.A.:** Forestry, Aristotle University of Thessaloniki, School of Geotechnical Sciences, Department of Forestry and Natural Environment.

B.2 RESEARCH INTERESTS

- Forest ecosystem management and protection using Geographic Information Systems (GIS) and Knowledge Management Systems.
- Applications of Geographic Information Systems (GIS) and Artificial Intelligence (AI) in the scientific fields of Forestry and the Environment.

C. WRITING ACTIVITY

C.1 DISSERTATIONS

- Kaloudis, S., T., 2008. Decision Support System for Managing Forest Ecosystems Based on Geographic and Knowledge Systems. PhD Thesis, Agricultural University of Athens, General Department, Laboratory of Informatics, Athens, p. 210.
- Kaloudis, S., 1997. "Study of Water Balance Components in the Athens Area". Master's Thesis in Environmental Physics, National and Kapodistrian University of Athens, School of Sciences, Department of Physics, Athens, p. 115.
- Kaloudis, S., Patsi, V., Tsomi, K., 1982. "Qualitative and Quantitative Situation of the Forest Areas of the Prefecture of Attica After the Fires of the Years 1974 - 1979". BSc

thesis, Aristotle University of Thessaloniki, School of Geotechnical Sciences, Department of Forestry and Natural Environment, p. 88.

C.2 PUBLICATIONS IN JOURNALS

- Kaloudis, S., Raptis, D., Galanopoulou, S., Demestichas, K., Lykoudi, E., Ntalianis, F., ... & Costopoulou, C. (2025). Assessing post-fire rehabilitation: Development and validation of a continuous monitoring index. *International Journal of Disaster Risk Reduction*, 105924.
- Kaloudis, S., Glykou, M., Galanopoulou, S., Fotiadis, G., Yialouris, C., Raptis, D., 2023. Land Cover Changes in Evrytania Prefecture, Greece. *Forests* 2023, 14, 1462. <https://doi.org/10.3390/f14071462>
- Kaloudis, S., Platia, E., Pantera, A., Galanopoulou, S., 2021. Investigation on the importance of ecosystem services based on the contingent valuation method. *MIBES Transactions*, 15(1):36-45.
- Michal Petr, Giorgio Vacchiano, Dominic Thom, Paola Mairota, Markus Kautz, Luisa M.S. Goncalves, Rasoul Yousefpour, Spiros Kaloudis and Christopher P.O. Reyer, 2019. Inconsistent recognition of uncertainty in studies of climate change impacts on forests. *Environmental Research Letters* 14 (11)
- Kaloudis, Spiridon, Pantera, A, Papadopoulos, A, Galanopoulou, S., Damianidis, Ch. (2019). Impact of human and environmental factors on land cover changes of an oak silvopastoral system. *Agroforestry Systems*, 10.1007/s10457-019-00437w.
- Kaloudis, S.T., Yialouris, C.P., Lorentzos, N.A., Karteris, M. and Sideridis, A.B., 2010. Forest management planning expert system for wildfire damage reduction. *Computers and Electronics in Agriculture* 70(2):285-291.
- Kaloudis, S., Costopoulou, C.I., Lorentzos, N.A., Sideridis, A.B. and Karteris, M., 2008. Design of Forest Management Planning DSS for Wildfire Risk Reduction. *Ecological Informatics*, 3(1):122-133.
- Kaloudis, S., Tocatlidou, A., Lorentzos, N.A., Sideridis, A.B., Karteris, M., 2005. Assessing Wildfire Destruction Danger: a Decision Support System Incorporating Uncertainty. *Ecological Modelling*, 181:25-38.
- Kaloudis, S., Anastopoulos, D., Yialouris, C.P., Lorentzos, N.A., Sideridis, A.B., 2005. Insect Identification Expert System for Forest Protection. *Expert Systems with Applications*. 28(3):445-452.
- Kaloudis, S.T., Lorentzos, N.A., Sideridis, A.B. and Yialouris, C.P., 2005. A Decision Support System for Forest Fire Management. *Operational Research an International Journal*, 5(1):141-152.
- Costopoulou, C.I., Kaloudis, S.T., Lorentzos, N.A., 2004. Internet Commerce in Timber Trading. *Quarterly Bulletin of IAALD*, XLIX (1/2):30-35.
- Kaloudis, S., Kerkides, P., Halvatzi, V., Galanopoulou, S., 2003. GIS Technology Aids to Reduce Sediment Transport in Artificial Smokovo Lake Greece. *International Journal of Balkan Ecology*, 6(2):117-129.
- Kaloudis, S., Roussos, A., Kerkides, P., 1999. Investigation of Mountainous Vegetation Characteristics Using GIS Technology. *International Journal of Balkan Ecology*,

2(3):58-73.

- Papaioannou, G., Kaloudis, S., Kerkides, P., 1998. On the Proper Employment of Piche Evaporimeters Data in Estimating Evapotranspiration. *International Journal of Climatology*, 3:1247-1260.
- Kaloudis, S., Kostopoulou, K.I., Gkouskou, K., Lorentzos, N., 2002. Online marketing of natural Christmas trees. *Geotechnical Scientific Issues*. 13(II-3): 22-28.

C.3 CHAPTERS IN BOOKS

- Kaloudis, S., & Koniavitis, G. K. (2026). Forest Fire Risk Assessment and Its Mitigation Strategies: A Case Study of the 2021 Varimpompi Fire in Attica, Greece. In *Modern Technological Improvement in Agriculture and Agribusiness* (pp. 199-242). IGI Global Scientific Publishing.
- Galanopoulou, S., Georgouli, C., & Kaloudis, S. (2026). Investigation of Post-Flood Soil Pollution by Heavy Metals and Nitrogen Compounds Based on GIS in Palama of Thessaly, Greece. In *Modern Technological Improvement in Agriculture and Agribusiness* (pp. 159-198). IGI Global Scientific Publishing.
- Tocatlidou, A., Ruan, D., Kaloudis, S.T., Lorentzos, A.N., 2005. Uncertain Knowledge Association Through Information Gain. In: Da Ruan, Guoqing Chen, Etienne E. Kerre, Geert Wets (Eds), *Intelligent Data Mining, Techniques and Applications*, Springer, pp.123-135.
- Kaloudis, S., Lorentzos, N., Kostopoulou, K., Tokatlidou, A., Sideridis, A., 2006. Decision Support System for Fire Disaster Risk Assessment. In: Vlachopoulou, M., Iliadis, L., Manthou, V., Salampasis, M., Batzios, C., (Editors), *Innovative Applications of Informatics in the Agricultural Sector and the Environment*, Thessaloniki, p. 63-78.

C.4 PUBLICATIONS IN PEER-REVIEWED CONFERENCE PROCEEDINGS

- Kaloudis S., Raptis D., 2024. Fuel models and fire behavior in burned forested areas under natural reforestation in Evia-Greece (2024). 1st Panhellenic Agroforestry Conference (Karpenisi) 17 -19/10/2024 (Conference proceedings under publication).
- Kalapodis, N., Sakkas, G., Lazarou, A., Casciano, D., Demestichas, K., Athanasiou, M., S., Kaloudis and Sykas, D. (2024). EU-Integrated Multifunctional Forest and Fire Management, Policies, and Practices: Challenges Between “As-Is” and “To-Be” State. In *Paradigms on Technology Development for Security Practitioners* (pp. 65-77). Cham: Springer Nature Switzerland.
- Demestichas, K., Sykas, D., Zografakis, D., Kaloudis, S., Kalapodis, N., Sakkas, G., Georgios Sakkas, Miltiadis Athanasiou, and Costopoulou, C. (2024). Measuring Forest Resilience Against Wildfires and Climate Change: Methods and Technical Approaches. In *Paradigms on Technology Development for Security Practitioners* (pp. 53-63). Cham: Springer Nature Switzerland.
- Raptis, D., Kazana V., Kaloudis, S., Vlahavas, A., Papadopoulou, D., Psarra, A., Tsitlakidis, A., 2023. Diameter Distributions of Natural Stands of Black Pine (*Pinus nigra* Arn.) Tailor. In: *Proceedings of the 21st Panhellenic Forestry Conference "Protection of forest ecosystems and natural environment-Ecological and socio-*

economic rehabilitation of fire-stricken areas". Edited by: Marina Havenetidou, Ioannis Spanos, Theocharis Zagas, Dionysios Gaitanis, Tsiroukis Achilleas, Ourouzi Angeliki Loutra Edipsou, 22-25 October 2023.

- Georgios Sakkas, Vassiliki Varela, Iosif Vourvachis, Alexandros Giordanis, Stelios Andreadis, Ilias Gialampoukidis, Stefanos Vrochidis, Ioannis Kompatsiaris, Konstantinos Demestichas, Spyridon Kaloudis, Roula Kechri, Konstantinos Meletis (2022). SILVANUS: An Integrated Technological and Information Platform for Wildfire Management – North Evia pilot area. In: proceedings Safe Greece 2022 – 9th International Conference on Civil Protection & New Technologies 29 September- 1 October.
- Kaloudis Spyridon, Glykou Maria, Galanopoulou Stavroula and Fotiadis Georgios, 2022. Investigation of Changes in Land Cover in Evritania. 4th Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment (Proceedings forthcoming).
- Kaloudis S., Platia E., Pantera A., Galanopoulou S., 2021. Investigation of the importance of ecosystem services with the method of dependent valuation. Proceedings of the 20th Forestry Conference "Modern challenges of the forest in Greek Forestry and protection of the natural environment, 200 years after the Revolution of '21", Trikala 3-6 October 2021 p. 258-261. This work was also published in a journal in English.
- Kaloudis S., Nikoloudaki E., Roussos A., 2019. Investigation of the impact of the Natura 2000 institutional framework on forest ecosystems of the Prefecture of Rethymno using Geographic Information Systems and Orthophoto Maps. 3rd Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment, Athens 11-13 October 2019.
- Kaloudis S., Papadopoulos A., Pantera A., Papavasiliou Ch. and Galanopoulou S, 2017. Land cover changes in a valonia oak silvopastoral system in Greece – ecological and sociological implications. 15th International Conference on Environmental Science and Technology (CEST 2017) 31st August - 2nd September 2017, Rhodes, Greece
- Kaloudis Spyridon, Kamberidis Georgios, Polytseris Zacharias, Galanopoulou Stavroula, Lorentzos Nikolaos, 2017. Amusement parks in the urban fabric of the Attica basin. 2nd Conference on Geographic Information Systems and Spatial Analysis in Agriculture and the Environment (Proceedings forthcoming).
- Pantera, A. Papaspyropoulos, K.G., Papadopoulos, A., Kaloudis, S., Kandrelis, S., 2014. Willingness to pay for ecosystem services in a valonia oak forest. 12th International Conference on Protection and Restoration of the environment June 29 to July 3, 2014, Skiathos island, Greece, p. 941-947.
- Lorentzos Nikos and Kaloudis Spyros, 2013. Fire Simulator at the Forest Management Service. In: Proceedings of the 16th Panhellenic Forestry Conference, Thessaloniki 6-9 October 2013. Sna. 60-172.
- Kaloudis Spyros, Stavroula Galanopoulou, Ismini Vasiliou, Lambrini, Tzourmana, 2013. Natural Environment Management and Tourism Development: The case of the Prefecture of Evritania. In: Proceedings of the 16th Panhellenic Forestry Conference, Thessaloniki 6-9 October 2013. Sna. 123-133.

- Galanopoulou, S., Moutsouroufis, A., Kaloudis, S., Vgenopoulos, A., Konispoliatis, N., 2012. "Investigation of Heavy Metal Pollution of the Surface Sediments of the Chalikiopoulou Lagoon of Corfu. 1st Environmental Conference of Thessaly, September 2012, Skiathos, p. 247.
- Kaloudis, S., Yialouris, C.P., Lorentzos, N.A., Karteris, M., Sideridis, A.B., 2008. Information System for Forest Management Planning. In: T., Tsiligiridis (Edr), Proceedings of 4th International conference, HAICTA 2008, Information & Communication Technologies in Bio & Earth Sciences, Athens Greece, pp. 413-421.
- Galanopoulou, S., Vgenopoulos, A., Conispoliatis, N., Kaloudis, S., Chatzitheodoridis, E., 2008. An Investigation of Organic Contaminants and their Spatial Distribution in the Surface Sediments of Keratsini Harbour with the Use of Geographic Information Systems. In: T., Tsiligiridis (Edr), Proceedings of 4th International conference HAICTA 2008, Information & Communication Technologies in Bio & Earth Sciences, Athens Greece, pp. 144-149.
- Kaloudis, S., Glezakos, T., Ferentinos, K., Tsiligiridis, T., Yialouris, C.P., 2006. Feedforward Neural Networks Modeling of Fir Taper in Natural Forests of Greece. In: Proceedings of the 2006 Naxos International Conference, Sustainable Management and Development of Mountainous and Island Areas, Naxos-Greece,
- Patrikakis, Ch., Nonta, M., Kaloudis, S., Sideridis, A.B., 2005. Supporting Volunteers Firefighters Through Mobile Communities. In: Proceedings of International Congress on Information Technology in Agriculture, Food and Environment (ITAFE), pp.401-411.
- Kaloudis, S.T., Lorentzos, N.A, Sideridis, A.B., Yialouris, C.P., 2004. A Decision Support System for Forest Fire Management. In: M., Vlachopoulou, V., Manthou, L., Illiadis, S., Gertsis, M., Salambasis, (Eds), Proceedings of the HAICTA 2004 Conference, Thessaloniki, Greece, vol. 2, pp. 29-36.
- Costopoulou, C.I., Karetsos, S., Kaloudis, S.T., Sideridis, A.B., 2003. An Electronic Hub for Forest Products: The Case of Christmas Trees. In: Kamil Okyay Sindir (Edr.), Proceedings of the International Congress of Information Technology in Agriculture Food and Environment, Izmir, Turkey, pp. 85-89.
- Kaloudis, S., Karetsos, S., Costopoulou, C.I., Lorentzos, N., 2003. A Decision Support System for Wildfire Damage Reduction with UML. In: Zsolt Harnos, Miklós Herdon, Troy B. Wiwczarowski (Eds), Proc. of the 4th Conference of the European Federation for Information Technology in Agriculture, Food and Environment – Information Technology for a Better Agri-Food Sector, Environment and Rural Living, Debrecen–Budapest, Hungary, vol. 1, pp. 80-89.
- Kaloudis, S., Anastopoulos, D., Yialouris, C.P., Lorentzos, N.A., Sideridis, A.B, 2002. A Decision Support System for Insect Identification and Forest Protection: A Case Study of Pine, Fir and Chestnut Forests. In: A.B. Sideridis, C.P. Yialouris, (Eds), 1st Conference of HAICTA, Food and Environment: The Impact of ICT in Agriculture Food and Environment, Athens, Greece, pp. 431-436.
- Costopoulou, C.I., Kaloudis, S.Th., 2001. Internet Commerce in Timber Trading. In: Proceedings of the International Conference, the Development of Agricultural Information Management, Technology and Markets in the 21st Century, Beijing-China.

- Kaloudis, S., Karteris, M., Lorentzos, N., Sideridis, A., 2001. Conceptual Framework of a Decision Support System for the Management of Lowland Pine Forests Aiming at Reducing Wildfire Damages. In: K., Radoglou, (Edr), Forest Research: A Challenge for an Integrated European Approach, Thessaloniki-Greece, vol. 1, pp. 287-292.
- Ntaliani M., Karetsos S., Costopoulou C., Harizanis P., Kaloudis S., Passam H., 2006. Supporting Agricultural e-Governance. In: Proceedings of the 2nd National Conference on Electronic Democracy: Challenges of the Digital Era, Athens, Greece, pp. 143-151.
- Kaloudis, S., Touratzi, T., Didaskalou, K., Galanopoulou, S. and Kerkidis, P., 2004. Correlation of the Diameter Reduction Coefficient with Environmental Factors and the Cluster Density in the Fir Forest of Parnitha. In: Proceedings of the 1st Panhellenic Environmental Conference, thematic unit Management and Protection of Natural Environment, Orestiada, p. 61-68.
- Kostopoulou, K. and Kaloudis, S., 2002. Online Raw Timber Auction System. 15th National Conference of the Hellenic Society for Operational Research, Employment, Workflow & Operational Research, Tripolis, p. 157-164.
- Kostopoulou, K. and Kaloudis, S., 1999. Design of an Electronic Auction System for the Trade of Raw Timber in Greece. 1st Special Conference on: The development of the primary sector in the 21st century -The Contribution of Management Science, Session: Information Systems - E-Commerce - Internet Applications. Organization, Hellenic Society for Operational Research & Department of Mathematics, University of Ioannina, Ioannina (Proceedings forthcoming).
- Papaioannou, G., Kaloudis, S. and Kerkidis, P., 1997. Estimation of Water Balance Components in the Attica Region. In: Proceedings of the 7th Panhellenic Congress of Hydrotechnical Union, Patras, p. 59-67.

C.5. PRESENTATIONS AT CONFERENCES ISSUING ABSTRACTS

- Kaloudis, s., Tocatlidou, A., 2013. Rule Based Decision Support Systems in Forest Management: Approaches and Trends. In: Decision Support Systems for Sustainable Forest Management, COST Action FORSYS 2013, Umea, Sweden, April 24-26, 2013.

C.6. LECTURE NOTES

- Kaloudis, S., 2023. Management of Natural Ecosystems (Laboratory part). Agricultural University of Athens, Karpenisi, pages 72.
- Kaloudis, S., 2023. Forest Ecosystem Management (Laboratory part). Agricultural University of Athens, Karpenisi, pages 124.
- Kaloudis, S., 2020. Geographic Information Systems-Applications in Forestry (Laboratory part). Agricultural University of Athens, Karpenisi, pages 77.
- Kaloudis, S., 2002. Geographic Information Systems. T.E.I. of Lamia, Karpenisi, pages 132.

D. EVALUATOR OF RESEARCH PUBLICATIONS

D.1 IN INTERNATIONAL SCIENTIFIC JOURNALS

- Ecological Informatics, Elsevier (ECOINF).

- Journal of Environmental Management, Elsevier (JEMA).
- Computers and Electronics in Agriculture, Elsevier (COMPAG).
- Operational Research an International Journal (ORI).
- International Journal of Agricultural and Environmental Information Systems, IGI Global, (IJAEIS)

D.2 IN INTERNATIONAL SCIENTIFIC CONFERENCES

- Third International Congress on Information and Communication Technologies in Agriculture, Food, Forestry and Environment (ITAFFE'10), June 14-18 2010, Samsun, Turkey.
- Fourth International conference on Information & Communication Technologies in Bio & Earth Sciences. Hellenic Association of Information and Communication Technology in Agriculture, Food and Environment (HAICTA) Athens Greece 2008.
- Computational Science and Its Applications – ICCSA 2013: 13th International Conference, Ho Chi Minh City, Vietnam, June 24-27, 2013, Proceedings.
- 2017 EFITA WCC CONGRESS, Use of ICT in the Agri-Food Sector, Bioresource and Biomass Sector, with World Congress on Computers in Agriculture. Montpellier, France – July 2-6.

D.3 IN BOOKS

- E-Agriculture and Rural Development Global Innovation and Future Prospects.

D.4 IN RESEARCH PROJECTS

- EPEAEK: "Human Resources Development, Education and Lifelong Learning".

D.5 PARTICIPATION IN ELECTORAL COLLEGES.

- Participate in Electoral Bodies of the Department of Forestry and D.F.P. of AUA
- Participation in Electoral Bodies of other Universities and the Hellenic Agricultural Organization "Dimitra",

E. PARTICIPATION IN JOURNAL AND CONFERENCE COMMITTEES

- Associate editor: International Journal of Agricultural and Environmental Information Systems (IJAEIS), Information Resources Management Association.
- Participation in the Program Committee of the International Scientific Conference AEIDSS 2013. 1st International Workshop on Agricultural and Environmental Information and Decision Support Systems, June 24-27, 2013, in Ho Chi Minh City, Vietnam. Participation in the Program Committee of the International Scientific Conference ISQLIS 2011: 2nd Workshop Informatics & Intelligent Systems Applications for Quality of Life information services, Sept. 15–18 Sept. 2011. Corfu Greece.
- Participation in the Organizing Committee of the "Winter School for Young Researchers" 2011. The School was organized by the European Confederation in Agriculture, Food and the Environment (EFITA) in collaboration with the Technological Educational Institute of Lamia, the Democritus University of Thrace,

the Agricultural University of Athens and took place from March 31 to April 3, 2011 at the premises of the Department of Forestry and Forestry of the TEI of Central Greece, former Lamia, in Karpenisi.

F. PARTICIPATION IN PROJECTS

- “Integrated Technological and Information Platform for wildfire Management” (Silvanus). Program duration 1 October 2021 to 31 March 2025, funded by the European Union (Horizon 2020). The Programme aims to provide an environmentally sustainable and climate-resilient forest management platform through innovative capabilities for preventing and responding to forest fires, as well as restoring damaged ecosystems. The platform incorporates advanced technologies for the systematic classification of knowledge related to forest management and resource utilization. The project integrates a range of sensor and automation technologies using innovative wireless communication infrastructure through the coordination of aerial vehicles and ground robots.
- «Agroforestry that Will Advance Rural Development (AGFORWARD)», with ref. No. FP7 613520, funded by the European Union. Participation in the project included: Mapping and analysis of geographical data of the study areas,
- "Contribution of Oak Silvopasture Ecosystems of Western Greece to Local Development and the Environment" of the act entitled "Archimedes III – Strengthening Research Teams at the Technological Educational Institute of Lamia" and code MIS 380360.
- COST Action CA22141 - Integrated Decision Support Systems for the Delivery of Ecosystem Services Based on EU Forest Policies (DSS4ES).
- COST Action FP1304 Towards robust projections of European forests under climate change (PROFOUND).
- COST Action FP0804 Forest Management Decision Support Systems (FORSYS).
- "A Multilingual Cooperative of Learning Object Warehouses for the Education of European Youth on Organic Agriculture and Agroecology" and duration of participation from 1/11/2008 to 30/6/2009. The project concerned the creation of educational material, in electronic form, on Organic Agriculture and Agroecology. The funding was made by the European Union and had international participation of researchers.
- "Pilot System of Electronic Rural Services" of the EPEAEK II program "PYTHAGORAS: Support of Research Teams at the Agricultural University of Athens" and duration of participation from 1/10/2004 to 30/4/2005 and from 1/4/2006 to 31/8/2006. The project concerned the development of an information system for the online access of farmers to electronic services for processing their transactions with stakeholders of the agricultural sector through a single access point. Within the framework of the project, the sectors of Forestry, Sericulture, Beekeeping and Horticulture were studied.
- "Internship for TEI of Lamia Students" with MIS code 299973 implemented within the framework of the Operational Program
- "Education and Lifelong Learning" (NSRF 2007-2013) and is co-funded by the

European Union (European Social Fund) and National Resources. Contractual project, Scientific Coordinator of the Department of Forestry and PPP on: Student placements in Internship positions, Monitoring and supervision of trainee students, Organization and operation of the Act, Evaluation and improvement of the process, Publicity and dissemination of the results of the operation, Evaluation and improvement of the process. Duration of the first Contract 1-2-2012 until today.

- "Undergraduate Programs of Studies of the TEI of Lamia - Environment" of the Operational Program of Education and Initial Vocational Training (EPEAEK II), of the Third Community Support Framework (CSF III). Participate in the following work packages:
 - Market research for graduates of the Forestry Departments.
 - The educational organization of the theoretical part of mixed and pure courses.
 - The supply and development of teaching material and teaching aids for laboratory exercises.
 - The development of innovative teaching aids for laboratories.
 - The evaluation of the new curriculum and laboratory exercises.
- "Upgrading of the Curriculum of the Departments of Forestry of Karditsa (T.E.I. of Larissa) and Karpenisi (T.E.I. OF LAMIA)", of the Second CSF and for the period from 01/11/1997 to 31/12/1998, and from 1/4/1999 to 31/12/1999, one year and eleven months, with remuneration. Participation as an external partner:
 - Market research for graduates of the Forestry Departments.
 - The educational organization of the theoretical part of mixed and pure courses.
 - The supply and development of teaching material and teaching aids for laboratory exercises.
 - The development of innovative teaching aids for laboratories.
 - The evaluation of the new curriculum and laboratory exercises.
- Programme title "Support of Multiple Bibliography at the TEI of Lamia", of the Operational Programme for Education and Initial Vocational Training (EPEAEK I), of the Second Community Support Framework (CSF II). In particular, I participated in the work packages T4-F1-WP1, in the drafting of the final reform of the DPS, as the person in charge of the package Electronic Database of Educational Material of the TEI of Lamia and in solving operational problems of the equipment of the Karpenisi Branch.
 - WP1: Development and adaptation of Electronic Educational material (educational multimedia material).
 - WP2: Introduction, development and use of new ways and means of teaching provision.
 - WP3: Enhancement of knowledge of IT skills.
 - WP4: Introduction of a group of specialized Computer Science courses.
 - WP6: Publicity - Promotion: Reform and development of the Department's

website.

G.2 EDUCATIONAL EXPERIENCE

G.2.1 TEACHING IN UNDERGRADUATE PROGRAMS STUDIES

- **Agricultural University of Athens Department of Forestry and Management of Natural Environment.**
- **Teaching and research:** From January 29, 2019, to date.
 - Department of Forestry and Natural Environment Management.
 - General Department.
- **Technological Educational Institute of Central Greece, Department of Forestry and Management of Natural Environment.**

Teaching and research: From January 9, 1994, to January 28, 2019.

G.2.2 TEACHING EXPERIENCE IN POSTGRADUATE PROGRAMS STUDIES

- MSc "Ecology and Environmental Management". Agricultural University of Athens, General Department.
- MSc "Cadastre: Legal, Technical and Environmental Dimensions". Interdepartmental program, Departments of Law, Rural and Surveying Engineering, Forestry and Natural Environment, Aristotle University of Thessaloniki.
- MSc "Ecology and Environmental Management". Technological Educational Institute of Central Greece, Department of Forestry and Management of Natural Environment.

G.2.3 ORGANIZATION/TEACHING OF COURSES IN UNDERGRADUATE PROGRAMS

1. Natural Ecosystems Management
2. Forest Ecosystems Management
3. Geographic Information Systems
4. Informatics
5. Forest Economics and Appraisal
6. Biometrics
7. Dendrometry.

G.2.4 ORGANIZATION/TEACHING OF COURSES IN POSTGRADUATE PROGRAMS

- MSc "Ecology and Environmental Management"
 - Research Tools and Methodology in Environmental Sciences:
 - 111 Experiment Design and Biostatistics, Writing a scientific paper
 - 112 Geoinformatics.
 - Environment management:
 - 211 Management of natural terrestrial ecosystems
 - 241 Environmental crisis and disaster management.

- MSc "Cadastre: Legal, Technical and Environmental Dimensions "Forest Ecosystems".

G.2.5 ORGANIZATION OF LABORATORIES

- Laboratory of Forest Ecosystem Management and Forest Spatial Informatics
 - Forest Management
 - Geographic Information Systems.
 - Participated in organizing and equipping Biometrics - Dendrometry.

G.2.6 OTHER TEACHING EXPERIENCE

At the Agricultural University of Athens, General Department, Computer Science Laboratory, within the framework of preparing the PhD thesis.

Participation in the Teaching of Courses

- Visual Basic 6, Lab
- Windows, Lab
- Word, Lab
- Excel.

G.2.7 EDUCATIONAL EXPERIENCE IN VOCATIONAL TRAINING INSTITUTE

- At the Vocational Training Institute of Karpenisi, in the specialty of "Forest Protection Specialist", for one semester.

G.2.9. EDUCATIONAL EXPERIENCE IN INTERNATIONAL SCHOOLS

- John S. Latsis Public Benefit International Summer School, 2011. Mediterranean Agroforestry and its Role in the Present Environmental Challenges.

H. ADMINISTRATIVE EXPERIENCE

H.3.1 PARTICIPATION IN ADMINISTRATIVE BODIES

- Head of the Department of Forestry at the Agricultural University of Athens.
- Deputy President of the General Department of the Agricultural University of Athens.
- Member of the Senate of the Agricultural University of Athens.
- Member of the Deanship of the School of Plant Sciences of the Agricultural University of Athens.
- Member of the Special Fund of the Agricultural University of Athens.
- Director of the Laboratory of Forest Management and Spatial Informatics for Forestry.
- Head of the "Forest Resources" Course Group.
- Member of the Administration of the Special Account Research Funds of the Technological Education Institute of Sterea Ellada.
- Special Account (ELKE) of the TEI of Central Greece.

I. MEMBER OF SCIENTIFIC AND PROFESSIONAL ASSOCIATIONS

- Member of the Geotechnical Chamber of Greece.
- Member of the Hellenic Forestry Society.
- Member of the scientific association HellasGIS.
- Member of the Greek Forestry Association.