

**DEMOCRITUS UNIVERSITY OF THRACE
SCHOOL OF AGRICULTURAL SCIENCES AND
FORESTRY
DEPARTMENT OF FORESTRY AND ENVIRONMENTAL
MANAGEMENT AND NATURAL RESOURCES**

CURRICULUM VITAE

**APOSTOLOS KANTARTZIS
ASSOCIATE PROFESSOR D.U.TH**

ORESTIADA, DECEMBER 2023

TABLE OF CONTENTS

I.1 PERSONAL INFORMATION	2
I.2 STUDIES - TITLES	2
A) degrees.....	2
B) Other language.....	3
C) Seminars	3
D) KNOWLEDGE OF COMPUTERS	4
Certificate of computer knowledge (ECDL), 6 modules (Basic concepts of informatics, Use of computers and file management, Word processing, Spreadsheets, Databases, Internet services). .	4
Use of specialized software: AutoCAD, SketchUp, Daso5, and AnadeltaTessera	4
I.3. WORK EXPERIENCE.....	4
I.4. TEACHING EXPERIENCE	5
I.4.1. Teaching experience in Adult Education	5
I.4.2. Teaching experience in higher education	6
I.5. PARTICIPATION IN RESEARCH PROGRAMS	13
A) Scientific Supervisor:	13
B) Participation in Project Implementation.....	13
I.6 SCIENTIFIC WORKS	17
I.6.1 Doctoral Dissertation	17
I.6.2 Books - Volumes - Notes - Book chapters.....	17
I.6.3Scientific Works in International Journals after Peer Review	17
I.6.4. Scientific Papers in Conference Proceedings (Greek and International) after Peer Review or with Editorial Committee.	21
I.7. REFERENCES FROM OTHER RESEARCHERS - INDICATORS	26
I.8. PEER REVIEWER FOR SCIENTIFIC JOURNALS.....	26
I.9. OTHER SCIENTIFIC-ADMINISTRATIVE-SOCIAL WORK.....	26
A. Administrative tenure	26
B. Member of Committees and Boards	27
C. Administrative	28
I.10 OTHER	29
I.11 COLLABORATIONS.....	29
I.12. RESEARCH INTERESTS	29

I.1 PERSONAL INFORMATION

Year of Birth: 1971

Place of Birth: Trikala

Marital Status: Married with two children

Military Obligations: Completed (in Infantry as a reserve officer, 1997-1999)

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Current Position: Associate Professor, D.U.TH.

I.2 STUDIES - TITLES

A) Degrees

4. PhD in the postgraduate program of the Department of Forestry and Environmental Management and Natural Resources from 2011 to 2015, during which I completed my Doctoral Thesis titled: “Road Construction Databases within the Framework of Forest Cadastre.” On January 27, 2016, I was awarded the degree of Doctor with a grade of 10 – Excellent.

<https://www.didaktorika.gr/eadd/handle/10442/36578>.

3. Master’s degree after written examinations in the postgraduate program of the Department of Forestry and Natural Environment, specializing in “Forest Engineering and Water Resources Projects” and in the subject area “Topography” from 2001 to 2003, during which I completed my Thesis titled: “Classical and Modern Methods for the Layout of Forest Roads” with a grade of 9.25 – Excellent.

2. Bachelor's degree from the Department of Forestry and Natural Environment at Aristotle University of Thessaloniki (1996), where I graduated with a grade of 7.25 – Very Good.

1. Graduate of the 1st High School of Trikala, 1989.

B) Other language

Cambridge English: Lower" (University of Cambridge)

C) Seminars

I attended a series of seminars on various topics such as:

1. On September 21, 2007, I was enrolled in the Registry of Certified Adult Educators (certification number EB 13256) of E.KE.PIS according to the 420th Meeting of the Board of Directors of the National Certification Center.
2. From August 18, 2006, to February 25, 2007, I successfully completed the "Trainer Training" program under the Operational Program "Employment and Vocational Training," which had a total duration of 300 hours. The program was implemented by the Vocational Training Center "Thessaloniki."
3. In August 2001, I attended a 30-hour course at the authorized training center of Autodesk, "PolyedronOE," on "Geographic Information Systems," specifically focusing on Autodesk AutoCAD MAP 2000. During the courses, I practiced designing and producing thematic maps.
4. From September 11, 2000, for one month, the training center of GEOINFO, the official representative of MapInfo's G.I.S. software, provided me with training in two course cycles on the topic "Basic Principles of Geographic Information Systems (G.I.S.) and the use of software from the MapInfo product family.
5. From November 1999 to February 2000, I attended a three-month training program at the GEOINFO training center, which is the official representative of MapInfo's G.I.S. software, focusing on "the use of G.I.S. in applied technical and environmental issues." Specifically, I specialized in the use of the MapInfo and Vertical Mapper programs.
6. •From April 5, 1999, to June 30, 1999, I successfully completed a Continuing Professional Training program with the thematic subject "Introduction to Computers," totaling 350 hours, with 190 hours of theoretical training and 160 hours of practical training.

7. •From November 2, 1998, to December 21, 1998, I attended a seminar organized by the Association of Greek Physicists, held by the Central and Western Macedonia branch, titled "AutoCAD 14," which had a total duration of 64 teaching hours.
8. •From October 5, 1998, to October 22, 1998, I attended a seminar organized by the Association of Greek Physicists, held by the Central and Western Macedonia branch, titled "Windows 98 - Internet," which had a total duration of 36 teaching

D) Knowledge of Computers

Certificate of computer knowledge (ECDL), 6 modules (Basic concepts of informatics, Use of computers and file management, Word processing, Spreadsheets, Databases, Internet services).

Use of specialized software: AutoCAD, SketchUp, Daso5, and AnadeltaTessera

I.3. WORK EXPERIENCE

1)With the number ΔΠΘ /ΔΔΚ /ΤΔΑ /34937/3778 /1034 /25.04.2024 Rectorial act published in issue number 1577/29.05.2024 of the Government Gazette, I was appointed to a vacant organizational position as a member of the Teaching and Research Staff (Δ.Ε.Π.) at the rank of Associate Professor in the Department of Forestry and Environmental Management and Natural Resources, of the School of Agricultural and Forestry Sciences of Democritus University of Thrace, in the field of "Forestry Engineering Works – Forest Roads."

2)With the number ΔΠΘ /ΔΔΚ /ΤΔΑ /56545 /6424 /1780/25.08.2023 Rectorial act published in issue number 2191/31.08.2023 of the Government Gazette, I was permanently appointed to the rank of Assistant Professor in the Department of Forestry and Environmental Management and Natural Resources, of the School of Agricultural and Forestry Sciences of Democritus University of Thrace, in the field of "Forestry Engineering Works – Forest Roads."

3)With the number ΔΠΘ /ΔΔΚ /ΤΔΑ /34053 /3926 /825/12.02.2020 Rectorial act published in issue number 382/07.04.2020 of the Government Gazette, I was appointed to a vacant organizational position as a member of the Teaching and Research Staff (Δ.Ε.Π.) at the rank of Assistant Professor with a three-year term in the Department of Forestry and Environmental Management and Natural Resources, of the School of Agricultural and

Forestry Sciences of Democritus University of Thrace, in the field of "Forestry Engineering Works – Forest Roads."

4) With the number Α' 7119/20.08.2014 Rectorial act and

Government Gazette 2325/29.08.2014, I was integrated into a corresponding position in the category of Laboratory Teaching Staff (Ε.ΔΙ.Π.), maintaining my rank and salary status.

4a). With the number ΔΠΘ/ΔΔΚ/ΤΔΞ 9424/801/226/25.10.2016 Rectorial act and Government Gazette 3725/18.11.2016, I was integrated into a vacant organizational position in the category of Laboratory Teaching Staff (Ε.ΔΙ.Π.) as provided by Article 29 of Law 4009/2001, in implementation of paragraph 5 of Article 27 of Law 4386/2016, with a field of expertise in "Forest Roads and Forest Cadastre."

5) With the number Α' 7360/11.05.09 Rectorial Act and Government Gazette 541/16.07.2009, I was appointed to a vacant position as Special Technical Laboratory Staff (Ε.Τ.Ε.Π.) in the category of Π.Ε. for the needs of the Department of Forestry and Environmental Management and Natural Resources of Democritus University of Thrace at the rank of Δ'.

6) From 1999 to 2009, I worked as a Forestry Environmental Consultant and was involved in the preparation of all kinds of forestry, cadastral, management, environmental, remote sensing, phytotechnical, and technical studies for public and private entities.

I.4. TEACHING EXPERIENCE

I.4.1. Teaching experience in Adult Education

- From December 18, 2014, to January 28, 2015, I was employed as a lecturer at the vocational training center "Technopolis Educational Α.Ε." specifically in the training program titled "Quality and Environmental Management Consultants." The total duration of the program was 80 hours, and my participation was for 20 hours.
- From May 28, 2014, to June 18, 2014, I worked as a theoretical part trainer at the Κ.Ε.Κ. "Nephele," specifically in the training program titled "Primary Development in the Western Countryside." My participation in the program was for 22 hours.

- From May 9, 2014, to June 30, 2014, I was employed as a lecturer at the "Mediterranean Educational Center A.E." specifically in the training program titled "Integrated Management Systems in Agricultural Production." My participation in the program was for 133 hours of theory.
- From September 29, 2008, to October 9, 2008, I collaborated with the K.E.K. Technical Educational as a trainer within the framework of the project "Cross-Border Cooperation between Greece and North Macedonia for the Vocational Training of Unemployed Individuals in Areas of Mutual Interest," with a total participation of 53 hours.
- From May 15, 2000, to December 31, 2000, I collaborated with the K.E.K. Technical Educational E.P.E. as a lecturer in the training program titled "Maintenance – Management of Urban and Transitional Greenery."
- Between 2001 and 2003, the company GEOINFO, which is the official representative of MapInfo's G.I.S. software, provided training seminars on the basic principles of the software. I participated in the company's educational activities as a trainer.

I.4.2. Teaching Experience in Higher Education

Academic Year 2023-2024

Master's Program "Environmental Design and Environmental Education"

Specialization A: Environmental Design and Natural

Resource Management

- 2nd Period: Teaching of the compulsory course "Engineering Works and Natural Environment "
- 3rd Period: Co-teaching of the elective course "Protected Area Management and Environmental Licensing

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.

- Teaching of the compulsory course " Digital Design of Forest Road Construction – Forest Engineering " in the 4th semester.
- Teaching of the elective course "Soil Mechanics - Machinery Applications in Forest Engineering Works" in the 6th semester.
- Teaching of the elective course "Phytotechnical Arrangements" in the 8th semester.

Academic Year 2022-2023

Master's Program "Environmental Design and Environmental Education"

Specialization A: Environmental Design and Natural Resource Management

- 2nd Period: Teaching of the compulsory course "Engineering Works and Natural Environment "
- 3rd Period: Co-teaching of the elective course "Protected Area Management and Environmental Licensing

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.
- Teaching of the compulsory course "Digital Design of Forest Road Construction – Forest engineering" in the 4th semester.
- Teaching of the elective course "Soil Mechanics - Machinery Applications in Forest Engineering Works " in the 6th semester.
- Co-teaching of the course "Elements of Topography - Forest Cadastre" in the 4th semester.

Academic Year 2021-2022

Specialization A: Environmental Design and Natural Resource Management

- 2nd Period: Teaching of the compulsory course "Engineering Works and Natural Environment"
- 3rd Period: Co-teaching of the elective course "Protected Area Management and Environmental Licensing"

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.
- Teaching of the compulsory course "Forest Opening – Displacement and Transportation of Forest Products" in the 4th semester.
- Teaching of the compulsory course "Forest Roads - Digital Design of Roads" in the 5th semester.
- Teaching of the elective course "Soil Mechanics - Machinery Applications in Forest Engineering Works " in the 6th semester.

Academic Year 2020-2021

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.
- Teaching of the elective course "Construction and Structural Materials" in the 1st semester.
- Teaching of the compulsory course "Forest Opening – Displacement and Transportation of Forest Products" in the 4th semester.
- Teaching of the compulsory course "Forest Roads - Digital Design of Roads" in the 5th semester.
- Teaching of the course "Geographic Information Systems for the Environment" in the 7th semester.
- Teaching of the elective course " Soil Mechanics - Machinery Applications in Forest Engineering Works " in the 6th semester.

Academic Year 2019-2020

Master's Program "Conservation and Restoration of Terrestrial Ecosystems"

- Co-teaching of the compulsory course "Recording and Monitoring - Data Analysis of Terrestrial Ecosystems.

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.

- Teaching of the elective course "Construction and Structural Materials" in the 1st semester.
- Teaching of the compulsory course "Forest Opening – Displacement and Transportation of Forest Products" in the 4th semester.
- Teaching of the compulsory course "Forest Roads" in the 5th semester.
- Teaching of the elective course in the 6th semester.
- Teaching of the elective course "Game Breeding" in the 10th semester.
- Co-teaching of the elective course "Forest Informatics" in the 2nd semester.

Academic Year 2018-2019

Master's Program "Conservation and Restoration of Terrestrial Ecosystems"

Specialization A: Environmental Design and Natural Resource Management

- Co-teaching of the compulsory course "Recording and Monitoring - Data Analysis of Terrestrial Ecosystems."

Undergraduate Program

- Teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.
- Teaching of the compulsory course "Forest Roads" in the 5th semester.
- Co-teaching of the compulsory course "Forest Constructions - Technical Engineering" in the 3rd semester.
- Conducting the laboratories for the course "Forest Opening – Displacement and Transportation of Forest Products" in the 4th semester.
- Conducting the laboratories for the course "Forest Cadastre" in the 6th semester.
- Conducting the laboratories for the elective course "Applications of Machinery in Forestry Projects" in the 6th semester.

Academic Year 2017-2018

Undergraduate Program

- Co-teaching of the compulsory course "Technical Drawing - Geoinformatics" in the 1st semester.

- Co-teaching of the compulsory course "Forest Constructions - Technical Engineering" in the 3rd semester.
- Co-teaching of the compulsory course "Forest Roads" in the 5th semester.
- Co-teaching of the compulsory course "Topography" in the 2nd semester.
- Co-teaching of the compulsory course "Forest Opening – Displacement and Transportation of Forest Products" in the 4th semester.
- Co-teaching of the compulsory course "Forest Cadastre" in the 6th semester.
- Conducting the laboratories for the elective course "Applications of Machinery in Forestry Projects" in the 6th semester.
- Conducting the laboratories for the elective course "Surveying Instruments and Mapping of Forest Areas" in the 7th semester.
- Conducting the laboratories for the elective course "Technical Projects and Environmental Impact Studies in the 9th semester.

Academic Year 2016-2017

Undergraduate Program

- Co-teaching of the mandatory course "Technical Drawing" in the 1st semester.
- Co-teaching of the mandatory course "Topography" in the 2nd semester.
- Co-teaching of the mandatory course "Forest Opening – Displacement and Transport of Forest Products" in the 4th and 5th semesters.
- Co-teaching of the mandatory course "Forest Cadastre" in the 6th semester.
- Conducting labs for the elective course "Building Construction and Materials" in the 1st semester.
- Conducting labs for the mandatory course "Forest Structures Technical Engineering" in the 3rd semester.
- Conducting labs for the elective course "Forest Structures" in the 6th semester.
- Conducting labs for the elective course "Applications of Machinery in Forest Engineering Projects" in the 6th semester.

Academic Year 2015-2016

Undergraduate Program

- Co-teaching of the mandatory course "Topography" in the 3rd semester.

- Co-teaching of the mandatory course "Forest Road Construction" in the 4th semester.
- Co-teaching of the elective course "Soil Mechanics" in the 4th semester.
- Conducting labs for the mandatory course "Technical Drawing" in the 1st semester.
- Conducting labs for the elective course "Building Construction and Materials" in the 2nd semester.
- Conducting labs for the mandatory course "Topography" in the 3rd semester.
- Conducting labs for the mandatory course "Forest Opening – Displacement and Transport of Forest Products" in the 5th semester.
- Conducting labs for the mandatory course "Forest Cadastre" in the 6th semester.
- Conducting labs for the elective course "Forest Structures" in the 6th semester.
- Conducting labs for the elective course "Applications of Machinery in Forest Engineering Projects" in the 6th semester.
- Conducting labs for the elective course "Topographical Instruments and Surveys of Forest Areas" in the 7th semester.
- Conducting labs for the elective course "Technical Projects and Environmental Impact Studies" in the 9th semester.
- Conducting labs for the elective course "Topographical Instruments and Surveys of Forest Areas" in the 7th semester.
- Conducting labs for the elective course "Technical Projects and Environmental Impact Studies" in the 9th semester.

Academic Year 2014-2015

Undergraduate Program

- Co-teaching of the elective course "Soil Mechanics" in the 4th semester.
- Conducting labs for the mandatory course "Technical Engineering" in the 2nd semester.
- Conducting labs for the elective course "Building Construction and Materials" in the 2nd semester.
- Conducting labs for the mandatory course "Topography" in the 3rd semester.
- Conducting labs for the mandatory course "Forest Road Construction" in the 4th semester.

- Conducting labs for the mandatory course "Forest Opening – Displacement and Transport of Forest Products" in the 5th semester.
- Conducting labs for the mandatory course "Forest Cadastre" in the 6th semester.
- Conducting labs for the elective course "Forest Structures" in the 6th semester.
- Conducting labs for the elective course "Applications of Machinery in Forest Engineering Projects" in the 6th semester.
- Conducting labs for the elective course "Topographical Instruments and Surveys of Forest Areas" in the 7th semester.
- Conducting labs for the elective course "Technical Projects and Environmental Impact Studies" in the 9th semester.

Academic Year 2013-2014

Undergraduate Program

- Conducting labs for the mandatory course "Technical Engineering" in the 2nd semester.
- Conducting labs for the elective course "Building Construction and Materials" in the 2nd semester.
- Conducting labs for the mandatory course "Topography" in the 3rd semester.
- Conducting labs for the mandatory course "Forest Road Construction" in the 4th semester.
- Conducting labs for the elective course "Soil Mechanics" in the 4th semester.
- Conducting labs for the mandatory course "Forest Opening – Displacement and Transport of Forest Products" in the 5th semester.
- Conducting labs for the mandatory course "Forest Cadastre" in the 6th semester.
- Conducting labs for the elective course "Forest Structures" in the 6th semester.
- Conducting labs for the elective course "Applications of Machinery in Forest Engineering Projects" in the 6th semester.
- Conducting labs for the elective course "Topographical Instruments and Surveys of Forest Areas" in the 7th semester.

Academic Year 2012-2013

Undergraduate Program

- Conducting labs for the mandatory course "Technical Engineering" in the 2nd semester.
- Conducting labs for the mandatory course "Forest Road Construction" in the 4th semester.
- Conducting labs for the mandatory course "Forest Cadastre" in the 6th semester.
- Conducting labs for the elective course "Building Construction and Materials" in the 2nd semester.
- Conducting labs for the elective course "Soil Mechanics" in the 4th semester.
- Conducting labs for the elective course "Forest Structures" in the 6th semester.

I.5. PARTICIPATION IN RESEARCH PROGRAMS

I participated in the following research programs:

A) Principal Investigator:

1. In the project titled «Documentation, mapping, assessment, and management of the beekeeping flora in the fire-affected area of the National Park of Dadia - Lefkimi - Soufli, in other areas of the Evros Regional Unit and in regions of the country that have been impacted by extreme natural phenomena in 2023 - Beekeeping Year 2024. Project ID: 83285, SARF DUTH Objective: The creation of beekeeping parks aims to organize beekeepers in designated areas, which, along with the enhancement of the beekeeping flora, will allow beekeepers to utilize these resources, increase their production, and reduce costs. Funding Body: Ministry of Rural Development & Food
2. In the context of the program titled: «Promotion and showcasing of the natural environment and enhancement of the hiking trails in the wider area of mountainous Rhodope and the Nestos River» Project ID: 83199 SARF DUTH, from 29/01/2024 to 20/12/2024. Objective: Documentation of existing infrastructure related to the natural environment, as well as the hiking trails in the area, alongside highlighting actions and projects that can be implemented by local authorities, aimed at promoting and enhancing the natural environment. Funding Body: Regional Union of Municipalities of Eastern Macedonia and Thrace (EMT)
3. In the project titled «Research on the marking, signaling, and enhancement of hiking and mountaineering trails in the wider area of Paiko» Project ID: 83077 SARF

DUTH from 10/05/2023 to 09/12/2023. Objective: Preparation of a feasibility study and economic-technical study, organization, and mapping of hiking routes and trails. Funding Body: Municipality of Pella

4. In the project titled «Design of a Model Beekeeping Garden around 'AGIOS GEORGIOS' in the municipal community of Istiaia in northern Evia» Project ID: 83039 SARF DUTH from 22/02/2023 to 30/04/2023. Objective: Mapping and spatial analysis of the project, development of a network of hiking routes and trails. Funding Body: Kapetan Vasilis and Carmen Konstantakopoulos Foundation
5. In the project titled «Design and installation of a beekeeping park around 'Kotronia' of the National Park of Dadia - Lefkimi–Soufli» Project ID: 82908 SARF DUTH as part of the program to improve the production and marketing of beekeeping products, from 18/05/2022 to 31/07/2022. Objective: Project supervision, development of roads and beekeeping locations, and technical works for environmental protection. Funding Body: 50% of the above expense is covered by the budget code 4324 of the ELGEPP, while the remaining 50% is covered by the credits of the Public Investment Program (PIP) of the Ministry of Rural Development and Food, SA 082/2.
6. In the project titled: «Study of the specifications for the spatial distribution and placement of beehives, in relation to their impact on the environment and agricultural production» Project ID: 82682 SARF DUTH, which is part of Action 6.1 “Applied Research” in Beekeeping within the framework of the program for improving the production and marketing of beekeeping products for the years 2020-2022, from 24/03/2021 to 31/07/2022. Objective: Mapping and spatial analysis of the distribution of beehives in cultivated areas as well as in public lands of beekeeping interest, creating locations for placing beehives outside the forest road network. Funding agency: 50% of the above expense is covered by the code 4324 of ELGEPP, while the remaining 50% is covered by the credits of the Public Investment Program (PDE) of the Ministry of Rural Development and Food, code 082/2.

B) Participation in Project Implementation

1. Participation as a researcher in the program titled "**Nature-Based Solutions for Demonstrating Climate-Resilient Critical Infrastructure (NATURE DEMO)**" Project ID: 83283 for the period from 17/02/2025 to 31/12/2025. Funding: European Commission - European Climate, Infrastructure and Environment Executive Agency (CINEA). Principal Investigator: Professor Konstantinos

Chalioris Department: Department of Civil Engineering, Democritus University of Thrace (DUTH).

Objective: Defining the requirements for selecting and designing Nature-Based Solutions (NbS) aimed at protecting infrastructure against the impacts of climate change. Determining NbS parameters related to ecological benefits, ensuring their integration into decision-support tools. Collecting data on the effectiveness of NbS in mitigating climate impacts. Participating in the design of pilot NbS applications in different biogeographical regions and adapting solutions to local ecological conditions. Developing and documenting performance indicators for monitoring and assessing the effectiveness of NbS in demonstration structures. Compiling a catalog of Key Performance Indicators (KPIs) to monitor NbS effectiveness. Mapping potential areas for NbS implementation in the Region of Eastern Macedonia and Thrace (AMTH) and assessing the ecological impacts of these solutions. Designing and supporting the implementation of a demonstration structure in the AMTH region based on local needs and geomorphological characteristics. Contributing to the communication and dissemination of project results. Participating in the organization of seminars and workshops, as well as publishing articles in scientific journals and conferences. Engaging in workshops and meetings with stakeholders (local authorities, businesses, NGOs, etc.) to integrate NbS within the framework of the following Work Packages (WPs): WP1: Nature-based solutions for infrastructure resilience. WP2: Develop the digital decision support platform. WP3: Devise Living Labs to test nature-based solutions. WP6: Outreach, Communication, Dissemination, and Exploitation. Involvement in Deliverables: D1.1: Catalogue of suitable NbS for climate-resilient infrastructure. D1.2: Methodology for NbS integration into digital tools. D2.1: Methodological framework for risk reduction analysis of infrastructures based on NbS. D3.2: List of KPIs for monitoring the demonstrators and the effectiveness of NbS. D6.4: Outreach and SSH (Social Sciences and Humanities) assessment

2. Participation in the program «Implementation of Interventions with Own Means (Implementing Body: DUTH) (Project Code: OPS TA 5161070) »Project ID: 83051 SARF DUTH for the period from 02/05/2023 to 31/1/2025. Objective: Participation

in the drafting of technical reports for P1 & P2, within the framework of the operational programs:"EE1: Policies for the Modernization of Forest Nurseries, EE2: Parameters for the Development of Forest Nurseries and Reforestation," with involvement in parts of deliverables P1: Technical Report of Works: Policies for the Modernization of Forest Nurseries and Reforestation, P2: Technical Report of Works: Parameters for the Development of Forest Nurseries and Reforestation. Scientific Supervisor: Mr. Georgios Tsantopoulos.

3. Participation in the LIFE program titled «Addressing the Threat of Invasive Species in Northern Greece, through the Development of Early Warning Systems and Information for Mammals» / LIFE ATIAS Project ID: 82383 SARF DUTH for the period from 07/04/2021 to 30/09/2022. Objective: Participation in action C2 - ecological & biological parameter analysis. Scientific Supervisor: Ms. Malamati Papakosta.
4. Participation as a researcher in the program «Development of a Fire Early Warning System in Historical Centers and Old Towns in Contact with the Surrounding Greenery»Project ID:82517 SARF DUTH for the period from 07/10/2020 to 30/11/2021. Objective: Fieldwork (measurements of technical characteristics of the road network, tree height measurements, identification of vegetation types), drafting of technical reports and scientific papers. Scientific Supervisor: Mr. Vasileios Diamantis.
5. Participation as a researcher in the program titled: «Investigation of Accretion Trends of the Marions Dam in Thassos and Assessment of the Water Potential of the Area due to the Operation of the Quarry of the Company Natural Stones at Psitaki» Project ID: 82699, SARF DUTH covering an area of 95,808 m², from 17/05/2021 to 21/05/2021.Objective: Creation of an ArcGIS geodatabase Scientific Supervisor: Mr. Apostolos Vasilious.
6. Participation as a researcher in the program titled «Thales - Democritus University of Thrace, Protection system for the sustainable development of semi-mountainous forests» specifically in Action 4 «Development of skills for young researchers in programs supporting regions» Project ID: 81090, SARF DUTH from 25/07/2013 to 30/09/2015. Objective: Monograph (doctoral research). Scientific Supervisor: Mr. Konstantinos Soutsas.

I.6SCIENTIFIC WORKS

I.6.1Doctoral Dissertation

Kantartzis, A. (2015). "**Road construction databases in the context of the forest cadastre.**" Department of Forestry & Environmental Management & Natural Resources, Democritus University of Thrace.

I.6.2Books - Volumes - Notes - Book chapters

Malesios, C., Skouloudis, A., Prasanta, K., Abdelaziz, F., Apostolos **Kantartzis, A.**, Evangelinos, K. (2022). "**Analysing impact of sustainability practices and performances on economic growth using statistical modeling.**" Book: Supply Chain Sustainability in Small and Medium-Sized Enterprises, 1st Edition. First Published 2022. Imprint: Routledge. Pages: 23. eBook ISBN: 9781003018551.

Kantartzis, A. (2020). "Computer-Aided Design." Notes for the laboratory course "Technical Drawing" titled: "**Computer-Aided Design.**" University notes to support the teaching of the laboratory course "Technical Drawing – Geoinformatics" for students of the Department of Forestry and Environmental Management & Natural Resources, Democritus University of Thrace. "This publication is distributed to undergraduate students of the Department of Forestry and Environmental Management & Natural Resources at Democritus University of Thrace."

I.6.3Scientific Works in International Journals after Peer Review

After the promotion to the rank of Associate Professor

23.Kolkos, G.,**Kantartzis, A.**, Marnasidis, S., Charizanis, C., Moulogianni, C., Arabatzis, G., (2024). «**Organization and Management of Beekeeping Parks and the Contribution of their Infrastructure**».International Journal of Sustainable Agricultural Management and Informatics. Inpress.

<https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijsami>. (Science Citation Index, Impact Factor =1.2).

22.Tampekis,S., **Kantartzis,A.**, Arabatzis, G.,Sakellariou, S., KolkosG.,Malesios, C.(2024)«**Conceptualizing Forest Operations Planning and Management Using Principles of Functional Complex Systems Science to Increase the Forest's Ability to With stand Climate Change**»Land, 2024, <https://doi.org/10.3390/land13020217> (Science Citation Index, Impact Factor =3.905)

21. Arabatzis, G., Kolkos, G., Stergiadou, A., **Kantartzis, A.**, Tampekis, S. (2024) «**Optimal Allocation of Water Reservoirs for Sustainable Wildfire Prevention Planning via AHP-TOPSIS and Forest Road Network Analysis**» Sustainability 2024, 16, 936.
<https://doi.org/10.3390/su16020936> (Science Citation Index, Impact Factor =3.3).
20. Tsiotas, D., **Kantartzis, A.**, Kolkos, G., Lemonakis, P., Arabatzis, G. (2023) «**A multilayer network methodological framework for transportation and development of mountainous areas**» International Journal of Sustainable Agricultural Management and Informatics,
<https://doi.org/10.1504/IJSAMI.2024.10065599> <https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ij sami>. (Science Citation Index, Impact Factor =1.2).
19. Kolkos, G., Stergiadou, A., **Kantartzis, A.**, Tampekis, S., Arabatzis, G. (2023). «**Evaluation and enhancement of accessibility of forest areas through the road network for conducting firefighting operations via GIS and fire susceptibility analysis**» International Journal of Sustainable Agricultural Management and Informatics, <https://doi.org/10.1504/IJSAMI.2024.10062068>. (Science Citation Index, Impact Factor =1.2).
18. Tsiotas, D., **Kantartzis, A.**, Kolkos, G., Lemonakis, P., Arabatzis, G. (2023) «**A modularity total environment network model for sustainable forest transportation**» Euro-Mediterranean Journal for Environmental Integration, 2023. DOI:10.1007/s41207-023-00410-1. (Science Citation Index, Impact Factor =2).
17. Tampekis, S., Sakellariou, S., Palaiologou, P., Arabatzis, G., **Kantartzis, A.**, Malesios, Ch. Stergiadou, A., Fafalis, D. (2023) «**Building wildland–urban interface zone resilience through performance-based wildfire engineering. A holistic theoretical framework**» Euro-Mediterranean Journal for Environmental Integration, 2023. DOI: 10.1007/s41207-023-00385-z. (Science Citation Index, Impact Factor =2).
16. **Kantartzis, A.**, (2023) «**Implementation of multi-criteria evaluation for mapping the spatial variability of optimal forest road network**» International Journal of Sustainable Agricultural Management and Informatics 9(3):275-293 Follow journal DOI: 10.1504/IJSAMI.2023.131908. (Science Citation Index, Impact Factor =1.2).

Until the tenure as an Assistant Professor

15. Kolkos, G., Stergiadou, A., **Kantartzis, A.**, Tampekis, S., Arabatzis, G. (2023). «**Effects of forest roads and an assessment of their disturbance of the natural environment based on GIS spatial multi-criteria analysis: case study of the University Forest of Taxiarchis, Chalkidiki, Greece**». Euro-Mediterranean Journal for Environmental Integration, 2023. DOI: <https://doi.org/10.1007/s41207-023-00362-6>. (Science Citation Index, Impact Factor =2).

14. Dimou, V., Demertzis, K., **Kantartzis, A.** (2023). «**Harvesting wind damaged trees: a study of prediction of windthrow damage in mixed-broadleaf stands via a machine learning model**». International Journal of Forest Engineering, 2023. DOI: 10.1080/14942119.2023.2171599. (Science Citation Index, Impact Factor =1.804)

13. **Kantartzis, A.**, Marnasidis, S., Daoutis, C., Moulogianni, C., Tampekis, S., Arabatzis, G. (2023). «**The contribution of the forest road network to the spatial organisation of nomadic beekeeping**». International Journal of Sustainable Agricultural Management and Informatics, 2023, 9(1), pp. 41–55. DOI: 10.1504/IJSAMI.2023.127537. (Science Citation Index, Impact Factor =1.2).

12. **Kantartzis, A.**, Lemonakis, P., Malesios, C., Daoutis, C., Galatsidas, S., Arabatzis, G. (2022). «**Attitudes and Views of Citizens Regarding the Contribution of the Trail Paths in Protection and Promotion of Natural Environment**». Land, 2022, 11(9), 1585. DOI: 10.3390/land11091585.

(Science Citation Index, Impact Factor =3.905)

11. Eftaxias, A., Passa, E.A., Michailidis, C., Dautis, C., **Kantartzis, A.**, Diamantis, V. (2022) «**Residual Forest Biomass in Pinus Stands: Accumulation and Biogas Production Potential**». Energies, 2022, 15(14), 5233. <https://doi.org/10.3390/en15145233>. (Science Citation Index, Impact Factor =3.252)

10. **Kantartzis, A.**, Malesios, C., Stergiadou, A., Tampekis, S., Arabatzis, G. (2021) «**A Geographical Information Approach for Forest Maintenance Operations with Emphasis on the Drainage Infrastructure and Culverts**». Water (Switzerland), 2021, 13(10), 1408. <https://doi.org/10.3390/w13101408>. (Science Citation Index, Impact Factor =3.530)

09. Marnasidis, S., **Kantartzis, A.**, Malesios, C., Arabatzis, G., Verikouki, E. (2021). **«Mapping Priority Areas for Apiculture Development with the Use of Geographical Information Systems»**. Agriculture (Switzerland), 2021, 11(2), pp. 1–18, 182.
<https://doi.org/10.3390/agriculture11020182>. (Science Citation Index, Impact Factor =3.408)
08. Jones, N., Malesios, C., **Kantartzis, A.**, Dimitrakopoulos, P.G. (2020). **«The role of location and social impacts of protected areas on subjective wellbeing»**. Environmental Research Letters, 2020, 15(11), 114030. DOI: 10.1088/1748-9326/abb96e. (Science Citation Index, Impact Factor =6.947)
07. Malesios, C., Chatzipanagiotou, M., Demir, N., **Kantartzis, A.**, Chatzilazarou, G., Chatzinikolaou, S. and Kostoulas, P. (2020). **«A quantitative analysis of the spatial and temporal evolution patterns of the bluetongue virus outbreak in the island of Lesbos, Greece in 2014»**. Transboundary and Emerging Diseases, 2020, 67(5), pp. 2073–2085. DOI: 10.1111/tbed.13553. (Science Citation Index, Impact Factor =4.521)
06. Mavraki, C., Arabatzis, G., **Kantartzis, A.**, Malesios, C. (2019) **«Fostering regional development in eastern Macedonia and Thrace, Greece, through road transport projects»**. Economic Analysis and Policy, 2020, 65, pp. 56–10.1016/j.eap.2019.11.008. (Science Citation Index, Impact 67. DOI: Factor =4.444)
05. Dimou, V., **Kantartzis, A.**, Malesios, C., Kasampalis, E. (2019) **«Research of Exhaust Emissions by Chainsaws with the use of a Portable Emission Measurement System»**. International Journal of Forest Engineering, 2019, 30(3), pp. 228–239. DOI: 10.1080/14942119.2019.1622318. (Science Citation Index, Impact Factor =1.804)

Until the appointment to the rank of Assistant Professor

04. Panagopoulos, T., Tampakis, S., Karanikola, P., Karipidou-Kanari, A., **Kantartzis, A.** (2018). **«The usage and perception of pedestrian and cycling streets on residents' well-being in Kalamaria, Greece»**. Land, 2018, 7(3), 10. <http://dx.doi.org/10.3390/land7030100>. (Science Citation Index, Impact Factor =3.905)

03. **Kantartzis, A (2018). «A visualization tool for forest landscape using open software».** International Journal of Engineering Research and Development».vol. 14, no. 07, 2018, pp. 23-40.

02. Malesios, C., Skouloudis, A., Dey, P.K., Abdelaziz, F.B., **Kantartzis, A.** and Evangelinos, K. (2018). **«The impact of SME sustainability practices and performance on economic growth from a managerial perspective: some modeling considerations and empirical analysis results».**Business Strategy and the Environment, 2018, 27(7), pp. 960–972.

<https://doi.org/10.1002/bse.2045>.(Science Citation Index, Impact Factor =10.801)

01. **Kantartzis, A.** and Malesios, C. (2018). **«A decision support system web-application for the management of forest road network»**Journal of Environmental Science and EngineeringA, 8-21, doi:10.17265/2162-5298/2018.01.002.

I.6.4.Scientific Papers in Conference Proceedings (Greek and International) after Peer Review or with Editorial Committee.

After the promotion to the rank of Associate Professor

29.Daoutis,C., **Kantartzis,A.**,Tsiantikoudis,S., Vavatsikos, A.P.,Arabatzis,G.(2023). **«Hierarchy of Hiking Trails using the Analytic Hierarchy Process (AHP) to highlight the natural environment».** E3S Web Conf. Volume 436, 2023, 4th International Conference on Environmental Design (ICED2023) (Scopus)

Until the tenure at the rank of Assistant Professor.

28.Malesios, C., **Kantartzis, A.**, Lemonakis, P., Arabatzis, G. (2022). **"Citizens' Attitudes and Opinions on the Contribution of Trails to Environmental Protection and Regional Development."** Conference: 34th Hellenic Statistical Conference, AUA., Athens, May 2022.

27. G. Kolkos,G., Stergiadou,A.,**Kantartzis,A.**, and A. Tselepis,A. (2022). **«Accuracy of topographical instruments and Unmanned Aerial Systems for mapping and surveying environmental projects».**IOP Conference Series Earth and Environmental Science 1123(1):012015 December 2022DOI: 10.1088/1755-1315/1123/1/012015. (Scopus)

26. Daoutis,C., **Kantartzis,A.**, ,Stathi,A., andArabatzis,G. (2022) . «**The contribution of footpaths to the protection and utilization of the natural environment by using the VIKOR method for their ranking**». IOP Conference Series Earth and Environmental Science 1123(1):012007 December 2022DOI: 10.1088/1755-1315/1123/1/012007. (Scopus)
25. Louka,V.,Arabatzis,G., and **Kantartzis,A.** (2022). «**The infrastructure contribution to the regional development and the environmental protection: Typologies of regional units based on forest operations engineering**». 3rd International Conference on Environmental Design 22/10/2022 - 23/10/2022 Athens, Greece.DOI 10.1088/1755 (ICED2022) -1315/1123/1/012010.(Scopus)
24. Daoutis, C.,**Kantartzis, A.**,Tampekis, S., , Stergiadou,A., and Arabatzis,G.(2022) «**The Application of SWOT-AHP analysis in the design and construction of forest road network**». Proceedings of the 10th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2022) Athens, Greece, September 22-25, 2022: Athens(Scopus)
23. Daoutis,C., **Kantartzis,A.**, Tsilikas, S.,Arabatzis, G. (2022)«**World trails conference Skiathos_The contribution of Analytic Hierarchy Process (AHP) to the ranking of paths trails**». 8th World Trails Conference in island of Skiathos September 2022
22. **KantartzisA,**CDaoutis, A Eftaxias, G Arabatzis and V Diamantis (2021). «**Biomass residues adjacent forest roads in two different forest species (Fagussylvatica and Pinusbrutia): quantities and evaluation of their biogas production potential**». IOP Conference Series: Earth and Environmental Science, Volume 899, 2nd International Conference on Environmental Design, 23-24 October 2021, Athens, Greece (Virtual). DOI 10.1088/1755-1315/899/1/012030. (Scopus)
21. **Kantartzis,A.**,Arabatzis,G.,Christopoulou, O.,Sfougaris, A.,Sakellariou, S.,Malesios,C.,Tsiaras, E., Samara, F. and Tampekis,S. (2021)«**Forest roads planning and management in terms of Social-Ecological Systems (SES) framework**». IOP Conference Series: Earth and Environmental Science, Volume 899, 2nd International Conference on Environmental Design, 23-24 October 2021, Athens, Greece (Virtual) DOI: 10.1088/1755-1315/899/1/012052(Scopus)

20. Marnasidis, S., Arabatzis, G., Malesios, C., Hatjina, F., **Kantartzis, A.**, & Verikouki, E. (2021) «**Economic valuation of honeybee pollination services**». 6th Conference Economics of Natural Resources & the Environment: Greece (virtual) June 2021

19. Diamantis, V., Eftaxias, A., Daoutis, C., Michailidis, C., and **Kantartzis, A.** (2021) «**Valorisation of Forest biomass as novel substrate for biogas production and the prevention of wild fires**». 29th Conference European Biomass Conference April 2021

18. **Kantartzis, A.**, Terpas, D., Malesios, C., and Arabatzis, G. (2019) «**A geographical information approach for forest road management with emphasis on the drainage infrastructure and culverts**». 17th National Conference on Operational Research: Serres, Greece April 2019

17. Mavraki, C., Arabatzis, G., **Kantartzis, A.**, & Malesios, C. (2018). "The Contribution of the Road Transport Projects of the NSRF 2007-2013 to the Development of a Greek Region." 5th Hellenic Conference on the Economics of Natural Resources and the Environment: Climate Change, Volos, November 2-3, 2018. Proceedings, pp. 194-210.

16. Tomadakis, G., Tampakis, S., Karanikola, P., **Kantartzis, A.** (2018). "Investigating Farmers' Views on the Impact of Floods in Evros." Volume 10: "Environmental Policy: Best Practices, Issues, and Perspectives," pp. 00–00. Periodical Publication of the Department of Forestry and Natural Resources Management.

Until the appointment to the rank of Assistant Professor.

15. Drosos, V., **Kantartzis, A.**, Soutsas, K. (2012). «**Management of the forest road network in complex of Koupa**». 45th International Symposium on Forestry Mechanization, FORMEC 2012, Croatia, Cavtat/Dubrovnik από 8- 12 October 2012. Proceedings ISBN: 978-953-292-0253

14. Drosos, B., Giannoulas, B., and **Kantartzis, A.** (2012). "Compatibility of Opening Projects with the Natural Environment." 3rd Hellenic Conference on Urban Planning, Spatial Planning, and Regional Development of the University of Thessaly, in Volos, September 27-30, 2012. ISBN 978-960-9439-12-1, 978-960-6865-51-0 in the thematic section ENVIRONMENT: 298. Proceedings ISBN 978-960-9439-13-8, 978-960-6865-52-7, thematic section ENVIRONMENT: 1486-1491.

13. Drosos, B., and **Kantartzis, A.** (2012). "**Environmental Design of Forest Roads Using Classical and Modern Methods.**" 3rd Hellenic Conference on Urban Planning, Spatial Planning, and Regional Development of the University of Thessaly, in Volos, September 27-30, 2012. ISBN 978-960-9439-12-1, 978-960-6865-51-0 in the thematic section ENVIRONMENT: 296-297. Proceedings ISBN 978-960-9439-13-8, 978-960-6865-52-7, thematic section ENVIRONMENT: 1480-1485.

12. Drosos, V., Liampas, S., and **Kantartzis, A.** (2011). «**Rational evaluation of transportation road network in a typical Mediterranean forest**» 4th International Scientific Conference Woodworking Techniques 2011, Prague Czech Republic 7-10 September 2011 Department of Wood Processing και Department of Forest Harvesting, Faculty of Forestry and Wood Sciences του Czech University of Life Sciences Prague Proceedings ISSN: 978-88-7583-031-2, Volume 3: 2203 – 2207.

11. Drosos, V., **Kantartzis, A.** (2011). «**Environmental design for sustainable development and management with the use of modern digital methods in forest areas**»

International Scientific XXXIV CIOSTA CIGR V Conference 2011: “Efficient and safe production processes in sustainable agriculture and forestry”, Vienna Austria 28-31 July 2011 BOCU (University of Natural Resources and Applied Life Sciences in Vienna). Proceedings ISSN: 978-88-7583-031-2, Volume 3: 2203 – 2207.

10. Liampas, S., Giannoulas, V., **Kantartzis, A.** (2010). «**Environmental impact assessment of the a category asphalted forest road Philippion – Xilia Dendra – Exochi**»

International Scientific Symposium μερίδιο: “Forest and sustainable development”, Braşov της Romania, 15 - 16 October 2010 Faculty of Silviculture and Forest Engineering του Transylvania University of Braşov & Ministry of Education, Research and Youth in Romania

09. Drosos, V., **Kantartzis, A.**, and Farmakis, E. (2010). «**Charting and evaluation of an existing forest road network’s impact using digital terrain models and GIS**»

43rd International Symposium on Forestry Mechanisation FORMEC 2010: «Forest Engineering: Meeting the Needs of the Society and the Environment» Road Planning and Management, Padova της Italy, 11 - 14 July 2010. Proceedings ISBN: 978 88 6129 569 8 Symposium web site: <http://www.tesaf.unipd.it/formec2010/01Proceedings.htm>

08. Drosos, V., **Kantartzis, A.**, Giovannopoulos, R., (2010). «**High technology in forest engineer works**» Conference – Forestry: Bridge to the Future, University of Forestry and Faculty of Forestry, Sofia Sofia 13-15 May 2010. FORESTRY IDEAS, 2011, vol. 17, No 2 (42)

7. Giannoulas, V., Drosos, V., **Kantartzis, A.**, Giovannopoulos, R., Stamatiou, C. (2009). "**Digital Terrain Models in Protecting and Restoring the Natural Environment.**" 14th Hellenic Forestry Congress on "Ecological and Socioeconomic Restoration of Fire-Affected Areas - Protection of the Natural Environment," Patras, November 1-4, 2009. Proceedings ISSN: 1109-7574 ISBN 978-960-89478-3-2, pp. 795-802.

6. Drosos, V., Giannoulas, V., **Kantartzis, A.**, and Liampas, S. (2009). "**Implementation of Forest Road Requirements in Environmentally Sound Forest Road Construction.**" 14th Hellenic Forestry Congress on "Ecological and Socioeconomic Restoration of Fire-Affected Areas - Protection of the Natural Environment," Patras, November 1-4, 2009. Proceedings ISSN: 1109-7574 ISBN 978-960-89478-3-2, pp. 487-498.

05. Drosos, V., Liampas, S., A., **Kantartzis, A.**, and Giannoulas, V., (2009). «**GPS contribution in transformation and control of coordinates used in forestry from a Local Datum to a State or Global Datum**» 42Th International Symposium on Forestry Mechanisation FORMEC'09 Kostelec nad Cernymilesy (n. Č.l.) / Prague – Czech Republic, 21 - 24 June 2009 Proceedings ISBN: 978-80-213-1939-4 page 93 - 98.

04. Drosos V. C., Stamatiou, C., **Kantartzis, A.**, and Giovannopoulos, R., (2009). «**Environmental planning of forest roads network in a typical South Greek forest**» 42Th International Symposium on Forestry Mechanisation FORMEC'09 Kostelec nad Cernymilesy (n. Č.l.) / Prague – Czech Republic, 21 - 24 June 2009. Proceedings ISBN: 978-80-213-1939-4 page 74 - 82.

03. Drosos V. C., Giannoulas V. J. and **Kantartzis A.**, (2009). «**Implementation of digital photogrammetry in environmental forest road construction**» International Scientific XXXIII CIOSTA–CIGR Section V Conference: “Technology and management to ensure sustainable agriculture, agro-systems, forestry and safety”, Reggio Calabria. Proceedings ISSN: 978-88-7583-031-2, Volume 3: 2203 – 2207.

2. **Kantartzis, A.**, Karagiannis, K. (2004). "**Research on the Application of Digital Terrain Models in the Study of Forest Roads.**" Scientific Bulletin of the Department of

Forestry and Natural Environment (Honorary Volume for Professor Dimitrios Kotoulas).
Volume MB/2 - VOL. 42/2, pp. 704-713.

1. **Kantartzis, A.**, Kabouris, A., Karantzidis, N. (2003). "**Application of Digital Photogrammetry in Forest Road Planning.**" 11th Hellenic Forestry Congress on "Forest Policy – Forest Stands – Protection of the Natural Environment," Ancient Olympia, September 30 - October 3, 2003. Proceedings 2003 ISSN: 1109-7574, pp. 522-529.

I.7. REFERENCES FROM OTHER RESEARCHERS - INDICATORS

163 references in SCOPUS (h-index = 7).

269 references in Google Scholar (h-index = 7).

I.8. PEER REVIEWER FOR SCIENTIFIC JOURNALS

Euro-Mediterranean Journal for Environmental Integration

Economic Analysis and Policy

Sustainability

Forests

PlosOne

Land

I.9. OTHER SCIENTIFIC-ADMINISTRATIVE-SOCIAL WORK

A. Administrative tenure

- Member of the Greek Technical Chamber of Forest Engineers (GEOTE) from 1997 to the present.

- From 2011-2012 to the academic year 2013-2014, I represented the members of the Special Technical Laboratory Staff (E.T.E.P.) in the Assembly of the Department of Forestry and Natural Environment Management.
- From the academic year 2014-2015 to 2017-2018, I represented the members of the Special Teaching Staff (E.D.I.P.) in the Assembly of the Department of Forestry and Natural Environment Management.
- I was a founding member of the E.D.I.P. Association from June 9, 2015, when the Association was established.
- Since October 2016, with a two-year term, I have represented the members of the Laboratory Teaching Staff (E.D.I.P.) in the Quality Assurance Unit (MODIP) of the Democritus University of Thrace.
- From February 2016 to February 2018, I served as treasurer of the Association.
- Since December 1, 2017, with a two-year term, I was elected as an alternate representative of the members of E.D.I.P. in the General Assembly of the School of Agricultural Sciences and Forestry.
- Since December 1, 2017, with a two-year term, I was elected as an alternate representative of the members of E.D.I.P. in the Dean's Office of the School of Agricultural Sciences and Forestry.
- Since December 1, 2017, I was elected as a representative of the members of E.D.I.P. with a one-year term in the Assembly of the Department of Forestry and Natural Environment Management.
- Since December 12, 2021, I have served as Vice President for the period 2022-2023 of the Board of Directors of the ESDIP of the School of Agricultural Sciences and Forestry at the Democritus University of Thrace.
- I am a representative of the faculty members of the Department of Forestry and Natural Environment Management in the Dean's Office of the School of Agricultural Sciences and Forestry at the Democritus University of Thrace, with a three-year term beginning in July 2021.

B.Member of Committees and Boards

- Supervision of Doctoral Dissertations.
- Five (5) doctoral dissertations (not yet completed)
- Member of a seven-member examination committee for a doctoral dissertation

- One (1) doctoral dissertation by Mr. Grigorios Kyraikopoulos, 2022 (completed)
- Member of a three-member advisory committee for a doctoral dissertation
- One (1) doctoral dissertation by Ms. Zacharoula Charpantidou, 2023 (completed)
- Supervision of Master's Theses
- One (1) Master's thesis (completed)
- Two (2) Master's theses (not yet completed)
- Member of a three-member examination committee for Master's theses
- Three (3) Master's theses (completed)
- Supervision of Undergraduate Theses
- Two (2) Diploma theses (completed)
- Member of a three-member examination committee for Undergraduate theses
- Ten (10) Diploma theses (completed)

C. Administrative

- Designation as responsible for supporting the implementation of distance evaluation of the Department 2020-2021
- Editing of the Department's Study Guide for the academic year 2021-2022
- Responsible for technical issues during electronic meetings for the certification needs of the academic program 2021
- Member of the evaluation committee for applications from candidates for the Acquisition of Academic Teaching Experience for Young Scientists for the period 2020-2021
- Member of the evaluation committee for applications from candidates for teaching positions under Presidential Decree 407/80 for the period 2020-2022
- Member of procurement committees for the acquisition of various instruments and materials for the needs of the Department 2020-2022
- Member of the committee for submitting recommendations on the Sustainable Development Plan of the Democritus University of Thrace.
- Supervision of undergraduate theses in the Department of Forestry and Natural Environment Management at the Democritus University of Thrace.
- Organization of a seminar on "Sustainable and Safe Cities" in 2022.
- As a researcher, I have conducted studies on environmental impacts, phytotechnical design, the siting of hiking trails, the utilization of mountainous areas, management

studies, and road construction studies Since February 18, 2022, Memorandum of Cooperation with the Road Engineering Laboratory of the University of Thessaly.

I.10 OTHER

- Supervision of undergraduate theses in the Department of Forestry and Natural Environment Management at the Democritus University of Thrace.
- Organization of a seminar on "Sustainable and Safe Cities" in 2022.
- As a researcher, I have conducted studies on environmental impacts, phytotechnical design, the siting of hiking trails, the utilization of mountainous areas, management studies, and road construction studies

I.11 COLLABORATIONS

Since February 18, 2022, Memorandum of Cooperation with the Road Engineering Laboratory of the University of Thessaly.

I.12. RESEARCH INTERESTS

My scientific and research interests focus on the following areas: Forest Road Construction, Silvicultural Works, Geoinformatics and Surveys, Mapping of Spatial Data and GIS, Urban Green Infrastructure.