

**Panagiotopoulos Eleftherios**  
**Rural and Surveying Engineer**  
*(Lecturer)*

# **Curriculum vitae**

**October 2022**

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## **Brief biographical information**

<p><b>Personal Information</b></p>	<ul style="list-style-type: none"> <li>▪ Date / Place of birth : 15-12-1956 / Athens</li> <li>▪ Name of father / mother : John / Haido</li> <li>▪ Marital status : Married with two children</li> <li>▪ Citizenship GREEK</li> <li>▪ Place of Residence: Marathonos 14 - Serres - Postal Code 62123 Contact: work phone 23210 49389 mobile 6974 633076 email : <a href="mailto:epanag@ihu.gr">epanag@ihu.gr</a></li> </ul>
<p><b>Brief professional and academic path</b></p>	<ul style="list-style-type: none"> <li>▪ 1974 : Introduction to the School of Rural and Surveying Engineering (SRSE) of the Faculty of Engineering of the Aristotle University of Thessaloniki.</li> <li>▪ 21.11.1979 : diploma of Rural and Surveying Engineering and license to practice the profession.</li> <li>▪ 1980 – 1981 : Military Service. <i>(Completed 06.12.1981)</i></li> <li>▪ 21.11.1979 until 23.12.1982 : freelance</li> <li>▪ 24.12.1982 until 09.07.1984 : employment relationship with a contract in the Department of Town Planning and Town Planning Applications of the Prefecture of Serres.</li> <li>▪ 10.07.1984 until 18.08.1991 : freelance</li> <li>▪ 19.08.1991 until 30.11.2004 employee at the Technical Services Directorate of the Municipality of Serres in the town planning department and Cadastre..</li> <li>▪ 01.12.2004 until 18.05.2012: Appointed to the rank of Professor of Applications in the Surveying &amp; Geoinformatics Engineering Department of the Technological Educational Institute of Serres, specializing in "Environmental planning of cities".</li> <li>▪ 19.05.2012 until 06.05.2019 : Self-righteous conversion of the position into a personal position.</li> <li>▪ 07.05.2019 to date: Self-justified transfer to the International University of Greece (IHU), in the Surveying &amp; Geoinformatics engineering department, as an applications lecturer.</li> <li>▪ 21.09.2022 (GG 4938 B') Lecturer, in a personal position</li> </ul>
<p><b>Member</b></p>	<ul style="list-style-type: none"> <li>• Technical Chamber of Greece with no. registry number 29978</li> <li>• Panhellenic Association of Rurals and Surveying Engineers</li> <li>• Union of Civil Servant Engineers Graduates of Higher Schools of Central Macedonia</li> <li>• BALKAN ENVIRONMENTAL ASSOCIATION (B. EN. A.)</li> </ul>
<p><b>Personal estimation</b></p>	<p>I consider that my "imprint" is reflected by two (2) works:</p> <ul style="list-style-type: none"> <li>• the study of the SERRON MOTORWAY</li> <li>• my contribution to the creation of Surveying &amp; Geoinformatics engineering department of the Technological Educational Institute of Serres</li> </ul>

## **Studies**

<p><b>Diploma of Rural and Surveying Engineering</b></p>	<p>Diploma of Rural and Surveying Engineering, of the Faculty of Engineering of the Aristotle University of Thessaloniki and professional license : <b>21-11-1979</b>.</p> <p>Degree grade "Very Good" eight (8).</p> <p>Scholarship from the State Scholarship Foundation, for the academic year 1978-1979</p>
<p><b>Master's degree in specialization</b></p>	<p>Environmental planning of cities and buildings of the Faculty of Science and Technology of the Hellenic Open University, Patras.</p> <p>Date of acquisition : <b>November 18, 2003</b></p> <p><u>Cognitive subject in the Thematic Units</u></p> <ol style="list-style-type: none"> <li>1. Introduction to the natural and Man-made environment</li> <li>2. Design, Environmental Effects and Methods of their Assessment</li> <li>3. Environmental planning of cities and open spaces</li> <li>4. Bioclimatic design of buildings and surroundings</li> </ol> <p style="text-align: right;">Program Grade "Excellent" [Nine &amp; 3/10 (9.30)].</p> <p><u>Diploma</u>: "Environmental urban planning of Serres city plan extension in the area "Sigis - N. Kifisia"</p> <p style="text-align: right;"><i>(Thesis is attached)</i></p>
<p><b>Doctoral Diploma, Ph.D</b></p>	<p>Thesis topic : «<b>Geoinformatics Technologies in Urban Planning Applications and especially in implementation actions. Proposal of technical specifications.</b>». Department of Spatial Planning and Development, Aristotle University of Thessaloniki</p> <p><u>3-member committee</u>:</p> <p>supervised by associate professor Mr. Karanikolas Nikolaos</p> <p>members: associate professor Kaimaris Dimitrios and associate professor Pozoukidou Georgia.</p> <p>Start <b>20.09.2017</b>. Registration Number 1187249636403181.</p> <p>PhD thesis presentation : <b>01.06.2022</b>.</p> <p>Invoicing : <b>25.07.2022</b>.</p> <p>Rated with "Excellent" performance.</p> <p>Additional members of the 7-member committee are:</p> <p>Myrofora Evangelia Theodoridou, professor, Soulakellis Nikolaos, Professor, Vagiona Dimitra, deputy professor, Tasopoulou Anastasia, assistant professor.</p> <p style="text-align: right;"><i>(Dissertation attached)</i></p>

## Education

<p><b>Program Studies Choice (G.I.S.)</b></p>	<p>"Environmental Cartography" (1999), University of the Aegean, Department of Environment.</p> <p><u>Lessons</u></p> <ul style="list-style-type: none"> <li>• Design of Geographic Databases</li> <li>• Specialized Functions of GIS</li> <li>• Environmental design</li> <li>• Visual Basic Programming Language</li> </ul>
<p><b>Educational programme Studies</b></p> <p><i>(National and Kapodistrian University of Athens NKUA)</i></p>	<p>"GEOGRAPHIC INFORMATION SYSTEMS (GIS), MAPS AND ENVIRONMENT: DEVELOPMENT OF APPLICATIONS USING GIS SOFTWARE", academic year 2016-2017, from the continuing education and lifelong learning center of the National Kapodistrian University of Athens.</p> <p><u>Courses with success rate:</u></p> <p>(a) Geographic Information Systems (96%)                  (b) Use of GIS software (93%)                  (c) GIS Applications in Cartography (95%)                  (d) GIS applications in the environment (99%)</p> <p>Duration from <b>20.02.2017</b> to <b>05.06.2017</b></p>
	<p>"LEARNING MICROSOFT ACCESS AND POWERPOINT 2010" from the continuing education and lifelong learning center of the National Kapodistrian University of Athens.</p> <p>Duration from <b>20.03.2017</b> to <b>05.06.2017</b></p>
<p><b>UAV (drone) operator's license</b></p>	<p>Unmanned Aircraft Systems operator license, for categories A, B, C. Civil Aviation Service, Ministry of Infrastructure and Transport. (<b>18.08.2020</b>).</p> <p>Training period from 17.02.2020 to 05.04.2020.                  DRONE PRO – Program of the University of Thessaly.</p> <p><u>Program training subjects:</u> (a) Legislation, (b) Air traffic rules, (c) air navigation (d) meteorology (e) communications (f) applications of UAV data in agriculture, archeology and the environment, (g) 3D imaging techniques ( h) practical and flight training.</p>
<p><b>Other Training</b></p>	<ul style="list-style-type: none"> <li>• T.E.I. of Serres, "Computer applications in special problems of Construction Projects", 293 hours from 01.06.1988 to 01.07.1988 and from 05.09.1988 to 23.12.1988. (<b>1988</b>)</li> <li>• T.E.I. of Serres, "Using the TEI of Serres network - Using the internet", 20 hours, <b>31.03.2000</b>.</li> <li>• National Center for Public Administration, Department of Public Management with the subject "<b>Quality of Services in Local Government</b>", 20 hours, <b>05 - 09.03.2001</b>.</li> <li>• National Center for Public Administration, Informatics Sector, subject "Excel", 20 Hours, <b>10 - 14.09.2001</b></li> <li>• National Center for Public Administration, Informatics Sector, subject "Use of the Internet", 20 hours, <b>17 - 21.09.2001</b></li> <li>• Technical Chamber of Greece of Central Macedonia "Community and Environmental Regulations EMAS &amp; ECO LABEL", 25 hours, <b>02 - 06.02.2004</b>.</li> </ul>

## Articles in peer-reviewed journals

<p style="text-align: center;"><b>Journal of Environmental protection and Ecology.</b></p> <p style="text-align: center;"><i>(official Journal of the Balkan Environmental Association)</i></p> <p style="text-align: center;"><i>(ISSN: 1311-5065)</i></p>	<p>1) E. Panagiotopoulos, G. Kariotis. «<b>Network design and impact reduction in non-built areas under inclusion in the city master plan</b>», Journal of Environmental protection and Ecology, vol. 3, no 4, pp 959-970, <b>(2002)</b>.</p> <p>2) E. Panagiotopoulos, G. Kariotis, M-E. Theodoridou Sotiriou. «<b>Pedestrian way design for the road safety of school students</b>», Journal of Environmental protection and Ecology, vol. 4, no 1, pp 234-247, <b>(2003)</b>.</p> <p>3) G. Kariotis, E.Panagiotopoulos. «<b>Alternative scenarios of air pollution from heating in urban areas</b>», Journal of Environmental protection and Ecology, vol. 4, no 2, pp 412-423, <b>(2003)</b>.</p> <p>4) G. Kariotis, E.Panagiotopoulos, M-E. Theodoridou Sotiriou «<b>Urbanization impact of the city of Serres</b>», Journal of Environmental protection and Ecology, vol. 4, no 2, pp 483-491, <b>(2003)</b>.</p> <p>5) G. Kariotis, E.Panagiotopoulos, M-E. Theodoridou Sotiriou «<b>Urban upgrading through the unification of building blocks</b>», Journal of Environmental protection and Ecology, vol. 4, no 3, pp 738-745, <b>(2003)</b>.</p> <p>6) E. Panagiotopoulos, G. Kariotis «<b>Spatial location – Management of animal breeding sites and protection of the environment</b>», Journal of Environmental protection and Ecology, vol. 4, no 4, pp 963-976, <b>(2003)</b>.</p>
<p style="text-align: center;"><b>Fresenius Environmental Bulletin</b></p> <p style="text-align: center;"><i>(ISSN: 1018-4619)</i></p>	<p>7) Theodoridou-Sotiriou Lila, Kariotou Glykeria, Panagiotopoulos Eleftherios, Kariotis George «<b>Better urban microclimate via a proposed city planning tool. A Case Study in Greece</b>». vol.16, no. 12b, pp. 1619-1626, <b>(2007)</b>.</p>
<p style="text-align: center;"><b>Journal of SPACE-writing</b></p> <p style="text-align: center;"><i>(ISSN: 1792-3913)</i></p>	<p>8) Filippidis Evangelos, Kariotis St., Panagiotopoulos El., Kariotis G. "<b>Management of Forest Ecosystems using Geographical Information Systems. The case of the Skra - Fano Public Forest</b>", vol.4, no 1, pp 27-33, <b>(2015)</b></p> <p>9) Theodoridou L., Panagiotopoulos El., Bousios D., "<b>New Market" of Heraklion: the complex social dimensions of a simple spatial planning</b>", vol.6, no.1, pp 18-32, <b>(2020)</b>.</p> <p>10) Botsis D., Panagiotopoulos El., «<b>Determination of the shortest path in the university campus of Serres using the Dijkstra and Bellman-Ford algorithms</b>» vol.6, no.1, pp 33-42, <b>(2020)</b>.</p> <p>11) Panagiotopoulos El. "<b>Contribution to land. Criticism of Law 4315/2014 and comparison with Law 1337/1983</b>", vol. 7, no. 1, pp. 07-19, <b>(2021)</b></p> <p>12) Botsis D., Diamantaras D., Latinopoulos P., Panagiotopoulos El. "<b>Simulation of the rainfall-runoff relationship with artificial neural networks and support vector machines</b>" vol.7, no.1, pp.35-45, <b>(2021)</b>.</p>

## **Proceedings of international refereed conferences**

- 1) Balkan Environmental Association (B.EN.A.), 4<sup>th</sup> International Conference, Edirne, Turkey, 18-21.11.**2001**. Transboundary Pollution Abstracts ISBN: 975-374-044-1, with articles:
  - 1.1. Kariotis G., Panagiotopoulos E., «**Air pollution due to heating in an urban area: Alternative scenarios**».
  - 1.2. Kariotis G., Panagiotopoulos E., Theodoridou Sotiriou M-E «**Urbanization impact on the city of Serres**».
  - 1.3. Panagiotopoulos E., Kariotis G., «**Network design and impact reduction in non-built area under inclusion**».
  - 1.4. Panagiotopoulos E., Kariotis G., Theodoridou Sotiriou M-E «**Pedestrian way design for the street safety of school students**».
  - 1.5. Panagiotopoulos E., Kariotis G. «**Spatial location – management of livestock breeding sites and protection of the environment**».
  - 1.6. Kariotis G., Panagiotopoulos E., Theodoridou Sotiriou M-E «**Urban upgrading through the unification of building blocks**».
- 2) M-E Theodoridou, G. Kariotis, El. Panagiotopoulos, Gl. Kariotou, N.Karanikolas «**A Methodology of Design and An Operation of Implementation of a new Academic department. Department of Geoinformatics and Surveying of Technological Education Institute of Serres. A first estimation of the operation of the department**» Fifth International Symposium "Turkish–German Joint Geodetic Days", Technical University Berlin, 28 – 31.03.**2006**. (ISBN: 3-9809030-4-4)
- 3) G. Kariotis, E. Panagiotopoulos, G. Kariotou, N. Karanikolas «**Creation of a digital interactive tourist map with the contribution of G.P.S. and G.I.S. technology to visualization of the information**», XXIII International Cartographic Conference, Moscow, Russia, August 04-10, **2007**.
- 4) Lila Theodoridou, George Kariotis, Eleftherios Panagiotopoulos and Dimitris Kotzinos, «**On Structuring and Sharing Learning Material: A taxonomy for Geoinformatics and Surveying Engineering**», European GIS in Education Seminar (EUGISES 2008), Royal Agricultural College, Cirencester, U.K, 11 - 14.09.**2008**.
- 5) Mikiki F., Papadopoulou P., Panagiotopoulos El., "**Sustainable Student Mobility in the city of Serres**", 7th International conference on transport research. From primary research to innovative applications, Amphitheater Min. of Infrastructure, Transport and Networks, Athens, 05 - 06.11.**2015**.

## **Proceedings of Greek conferences with judges**

- 1) Panagiotopoulos El., Kariotis G., Pallas Ch. "**Comparative intertemporal scenarios of central tissue pollution of the city of Serres from heating**". 1st Panhellenic ecology conference. Union of Greek Physicists, Serres, 27 - 29 April **2001**.
- 2) Theodoridou M-E, Kariotis G., Panagiotopoulos El. and Konstantinidis Al., "**Design methodology and implementation process of a new academic department. The Department of Geoinformatics and Surveying of T.E.I. Serres**", proceedings of the 3rd Panhellenic Conference "The Geoinformation Society", 11 - 12 March **2004**, National Technical University of Athens.
- 3) Theodoridou M-E, Kariotou G., Panagiotopoulos El., Kariotis G., "**Bioclimatic distance of buildings. A proposed urban planning model and a pilot application**", proceedings of the 7th Panhellenic Geographical Conference, Hellenic Geographical Society, University of the Aegean, Department of Geography, Mytilini, 14 - 17 October **2004** (ISBN: 960-7475-30-5).
- 4) Kariotis G., Panagiotopoulos El., Kariotou G., Karanikolas N., "**Creation of an interactive digital tourist map with the contribution of G.P.S. technologies. and G.I.S. in Information Performance**", 9th National Cartography Conference, "Network Cartography, Cartography through Networks". Cartographic Scientific Society of Greece, Chania, 02 - 04 November **2006**.



- 5) Panagiotopoulos El., Kariotis G., Theodoridou M.E., Kariotou G., Kariotis S, "**Bioclimatic Incentives and the urbanization of camps. Case study: the Emmanuel Papas camp in the city of Serres**", 4th Macedonian Environmental Conference, March 18-20, 2011, Thessaloniki, **2011**.
- 6) Panagiotopoulos El. "**Land policy in OTAs. The necessity of creating a unified digital background**", proceedings of the two-day conference "Local Self-Government and New Technologies. The spatial dimension" Department of Geoinformatics and Surveying of TEI of Serres, May 26 - 27, **2011**, publications and Library department of TEI of Serres, year 2013, pp.37-55.
- 7) Kariotis G., Panagiotopoulos El., Demirtzoglou N., Topalidou D., "**Automation and Local Self-Government. Spatial information and the administrative framework, planning and development, a new teaching unit. Case study: public market design**", 12th National Cartography Conference "Cartography and Spatial Information in Local Government", Kozani October 10 - 12 **2012**.
- 8) Panagiotopoulos El. "**The Monks-Ulen Consortium Diagrams as Cultural Heritage Relics**". Scientific conference on "The major sanitation projects of the period 1929-36 in the Strymonas valley: new data on their execution, their current valuation & future prospects", Serres, 19.10.**2016**, pp. 131-195 (*Proceedings, ISBN : 978-960-98734-4-4*).
- 9) Botsis D., Panagiotopoulos El., Theodoridou-Sotiriou L., "**Approximation of shortest routes with the dijkstra algorithm at the facilities of the TEI of Central Macedonia**", 17th Special Conference of the Hellenic Society for Business Research and 13th Meeting of Multi-Criteria Decision Analysis "Multi-Criteria Decision Making" in the Primary and Secondary sector", held on 04 - 06 April **2019**, at the TEI of Central Macedonia..

## **Papers in peer-reviewed conferences**



- 1) Panagiotopoulos El., Kariotis G.: The Development Company of Serres, organized within the framework of the implementation of section C "Transnational Cooperation" of the LEADER II Community Initiatives program, entitled "*Environmental education between European Parks*" 26.05.**2001**, where they presented :
  - «**Assessment of the effects of air pollution from heating in the city of Serres - Scenarios for the use of alternative fuels**».
  - «**Contribution of the "concept map" to environmental education**»
- 2) Panagiotopoulos El., "**Educational approach using new technologies**". Conference within the framework of the Undergraduate Curriculum Reform program of the Department of Geoinformatics and Surveying, of the TEI of Serres, entitled "*Navigating the future with the speciality of Geoinformatics and Topography*", held in the auditorium of the TEI of Serres, on 15.12.**2006**.
- 3) Papatheodorou K. Panagiotopoulos El., Kariotis G., Kotzinos D., "**Open Source GIS in education: the case of the Department of Geoinformatics and Surveying of TEI Serres**". Open Source Geographical Information Systems Conference (OPEN SOURCE GIS), HellasGI, Athens, Harokopion University, 23.11.**2007**.
- 4) Kariotis G., Theodoridou L. Panagiotopoulos El., Kariotou G., "**From suspicion to coexistence. The Municipality of Serres and the TEI Serres campus (1979-2009)**", 1st Panhellenic Conference "*Local Societies and Tertiary Educational Institutions. Coexistence for Sustainable Development*". University of the Aegean, Municipality of Rhodes, Rhodes, April 23 – 24.**2010**.
- 5) Panagiotopoulos El., "**Approaches from the evaluation of the practical exercise**". Conference entitled "*The role of practical training in the profession of surveying engineer. Experiences and perspectives*". TEI of Athens, Athens, 12 December **2012**.

- 6) Panagiotopoulos El., "**Approaches from the evaluation of the practical exercise**". Conference entitled "*Internship in cooperation with the business world means creating a comparative advantage*", TEI of Serres. Employment & Career Structure, Serres, 17 January **2013**.

## **Other presentations / participations / honors**

- 1) Panagiotopoulos El., Information for students on the topic "**Professionals inform students**", Counseling and Guidance Center, Serres, **2006**.
- 2) Panagiotopoulos El. Certificate of participation as a lecturer in the career day organized by the Office of School Vocational Guidance of the General Lyceum of Nea Zichni Serres on the topic "*Inform myself, decide, study, work and venture*", held on 07.05.**2010**, by the Counseling and Orientation Center of the Ministry of Education and a corresponding letter of thanks from the Director. Presentation topic "**Presentation of the Department of Geoinformatics and Surveying**".
- 3) Panagiotopoulos El., Certificate of participation in the workshop for **the enrichment of Wikipedia in Greek**, from the Central Public Library of Serres, 18.05.**2011**.
- 4) Panagiotopoulos El., **Awarding of an honorary distinction**, for my contribution to the Geoinformatics and Surveying department, by the Panhellenic Association of Graduate Engineers in Geoinformatics and Topography, 26.05.**2011**.
- 5) Panagiotopoulos El., **Honorary, commemorative plaque**, for my contribution to the creation of the Serres Motorway, by the president of the Municipal Council, in a special event of 25 years, since the beginning of the study, στις 03.05.**2019**.

## **Participation in collective projects**

	<p>Elaboration of a map of building conditions and suitability of plots of the city of Serres at a scale of 1:5,000 with an accompanying issue per OT.</p> <p>Commercial exploitation by the department Surveying and Geoinformatics Engineering, with Mr. Kariotis Georgios as Scientific Manager.</p> <p>Print disposition Charalambidis, Company. (<b>2005</b>)</p>
	<p>M-E Theodoridou, E. Panagiotopoulos G. Kariotis, "<b>Urban refugee settlements in Serrae during the interwar period</b>", Serrae Analekta, Yearbook of the Spiritual Center of the Municipality of Serres, volume 4, pp 207-246 (<b>2006</b>)</p> <p style="text-align: center;"><b>ISSN: 1106-2371</b></p>
	<p>Determination of the locations of the Stone bridges in the Prefecture of Serres and preparation of a map with the locations of the stone bridges, using GPS, contained in the publication, "<b>The Stone Bridges of the Prefecture of Serres</b>", Central Public Library of Serres, Athanasiou F. Tilkidis, Serres (<b>2006</b>),</p> <p style="text-align: center;"><b>ISBN: 960-85648-3-2.</b></p>

## Writings / monographs

	<p>Panagiotopoulos El., Kariotis G., "Urban planning applications" "ION" Publications, <b>2006</b>.</p> <p><b>ISBN: 960-411-565-0.</b></p>
	<p>Panagiotopoulos El., "Educational software for topographical applications", Department of Publications and Library TEI of Serres, Serres, <b>2008</b> (<i>monograph</i>).</p> <p><b>ISBN: 978-960-88247-8-2</b></p>
	<p>Kariotis G., Panagiotopoulos El., "Applied Topography", volume A', V. Giourdas Publications, <b>2009</b>.</p> <p><b>ISBN: 978-960-387-841-4</b></p>
	<p>Panagiotopoulos El., Kariotis G., Symeonidis P., "Applied Topography", volume B', 2nd edition, DISIGMA Publications, <b>2010</b>.</p> <p><b>ISBN:978-960-9495-10-3.</b></p>
	<p>Kariotis G., Panagiotopoulos El., "Automation in Local Government", DISIGMA Publications, <b>2010</b>.</p> <p><b>ISBN: 978-960-9495-06-6.</b></p>

	<p>Panagiotopoulos El., Kariotis G., "Implementation Acts" DISIGMA Publications, Thessaloniki, <b>2011</b>.</p> <p><b>ISBN: 978-960-9495-20-2</b></p>
	<p>Kariotis G., Panagiotopoulos El., "Applied Topography" volume A', 2nd edition, DISIGMA Publications, <b>2013</b>.</p> <p><b>ISBN: 978-960-9495-27-1</b></p>
	<p>Katsougiannopoulos S., Panagiotopoulos El., Kariotis G., "Applications of corrections in Geoinformatics and Topography problems", 2nd edition, DISIGMA Publications, <b>2013</b>.</p> <p><b>ISBN-13: 9789609495684</b></p>

## **Participation in conferences, as a delegate**

Abbreviation	Interpretation of abbreviations for the following tables
HellasGIS / Ε.Ε.Γ.Σ.Π.	Hellenic Society for Geographic Information Systems
ΑΝ.Ε.ΣΕΡ.	Serres Development Company
Β.ΕΝ.Α.	Balkan Environmental Association
Δ.Ε.Ε.Κ.	Municipal Enterprise of Vocational Training
Δ.Ε.Π.Κ.Α. Σερρών	Municipal Enterprise of Cultural and Social Development of Serres
Ε.Ε.Φ.	Union of Greek Physicists
Ε.Ε.Χ.	Union of Greek Chemists
Ε.Κ.Δ.Δ.	National Center for Public Administration
Ε.Κε.Πις	National Center for Certification of Structures Continuing Professional Training and accompanying support services
Κ.Α.Π.Ε.	Center for Renewable Sources and Energy Saving
Ο.Ε.Ε.Κ. - Ι.Ε.Κ.	Vocational Education and Training Organization - Vocational Training Institute
Σ.Α.Τ.Μ.Β.Ε.	Association of Rural and Surveying Engineers of Northern Greece
Τ.Ε.Ε.	Technical Chamber of Greece
Υ.ΠΕ.ΧΩ.Δ.Ε.	Ministry of Environment, Spatial Planning and Public Works
ΥΠΕΚΑ	Ministry of Environment, Energy and Climate Change
Χ.Ε.Ε.Ε.	Cartographic Scientific Society of Greece

α/α	ΠΡΩΤΟΚΟΛΛΟ ΗΜΕΡΟΜΗΝΙΑ	ΕΙΔΟΣ ΠΑΡΑΣΤΑΤΙΚΟΥ	ΕΚΔΟΤΗΣ
1	04 - 05.11.1985	Certificate of Participation at the conference "Applications of Charts and Real Estate Titles", Thessaloniki	Σ.Α.Τ.Μ.Β.Ε.
2	09 - 10.05.1988	Certificate of Participation for the two-day "Road Study Developments and Professional Practice", Thessaloniki	Σ.Α.Τ.Μ.Β.Ε.
3	24 - 25.11.1994	Certificate of Participation in the "1st Cartography Conference" of the Cartographic Scientific Society of Greece, Thessaloniki	Χ.Ε.Ε.Ε.
4	23 - 24.06.1995	Certificate of Participation in the two-day "National Land Registry, Prospects, Modern Technologies Developments", Thessaloniki	Σ.Α.Τ.Μ.Β.Ε.
5	04 - 05.11.1999	Certificate of Participation in the conference "Geographical Information Systems in the Challenge of 2000", Thessaloniki	Ο.Ε.Ε.Κ. - Ι.Ε.Κ.
6	10 - 11.02.2000	Certificate of Participation in the two-day event "The National Land Registry in Practice 1995-2000 Experiences, Findings, Proposals", Thessaloniki	Σ.Α.Τ.Μ.Β.Ε.
7	27 - 29.04.2001	Certificate of Participation in the "1st Panhellenic Ecology Conference" of the Union of Greek Physicists, Serres	Ε.Ε.Φ.
8	30.05.2001	Certificate of Participation in the workshop "Environmental education among European parks", Kerkini Serron	ΑΝ.Ε.ΣΕΡ.
9	18 - 21.10.2001	Certificate of Participation in the 4th International Conference of B.EN.A. "Trans-boundary pollution", Turkey	B.EN.A.
10	01 - 04.03.2002	Certificate of Participation in the "1st Macedonian Environmental Conference" of the Union of Greek Chemists, Thessaloniki	Ε.Ε.Χ.
11	27 - 28.05.2002	Certificate of Attendance at the "Introduction to G.I.S. ArcInfo - ArcView" seminar, Thessaloniki	Marathon Data
12	29.05.2002	Certificate of Participation in the workshop for "G.I.S. ArcInfo - ArcView", Serres.	Marathon Data
13	27 - 28.06.2002	Certificate of Attendance at the scientific event "European Scientific Event Social Practices and Spatial Information, European and Greek Experience at G.I.S", Thessaloniki	Α.Π.Θ. & Ε.Ε.Γ.Σ.Π.
14	23 - 25.10.2002	Certificate of Participation at the "7th National Cartography Conference", Mytilene	Χ.Ε.Ε.Ε.

α/α	ΠΡΩΤΟΚΟΛΛΟ ΗΜΕΡΟΜΗΝΙΑ	ΕΙΔΟΣ ΠΑΡΑΣΤΑΤΙΚΟΥ	ΕΚΔΟΤΗΣ
15	25 - 26.11.2002	Certificate of Attendance at the conference "Environment and Development", Athens	Υ.ΠΕ.ΧΩ.Δ.Ε.
16	27 - 28.11.2002	Certificate of Attendance at the conference "Urban Planning and Construction", Athens	Υ.ΠΕ.ΧΩ.Δ.Ε.
17	26 - 28.11.2003	Certificate of Attendance at the "Natural Environment and Sustainable Development" conference, Kavala	Ε.Κ.Δ.Δ.
18	08.12.2003	Certificate of Attendance at the "Traffic Accident - Road Safety" workshop, Serres	Serres Police Department
19	12 - 13.12.2003	Two-day Attendance Certificate "Real Estate: Trends and Perspectives the contribution of the Rural and Surveying Engineer", Thessaloniki	Τ.Ε.Ε. & Σ.Α.Τ.Μ.Β.Ε
20	29.01.2004	Certificate of Attendance at the workshop "Designing Urban Outdoor Spaces with Bioclimatic Criteria", Thessaloniki	Α.Π.Θ. & Κ.Α.Π.Ε.
21	11 - 12.03.2004	Conference Attendance Certificate "3rd Panhellenic Geographical Information Systems Conference", Athens	Ε.Ε.Γ.Σ.Π.
22	14 - 17.10.2004	Certificate of attendance 7th Panhellenic Geographical Conference of the Hellenic Geographical Society, Mytilene	Γεωγραφική Εταιρεία, Πανεπιστήμιο Αιγαίου
23	28 - 31.03.2006	Confirmation Fifth International Symposium "Turkish – German Joint Geodetic Days" Geodesy and Geoinformation in the Service of our Daily Life, Berlin	Technical University Berlin
24	06 - 09.04.2006	Certificate of attendance 2nd International Conference "Serres and its region from the Ottoman conquest to the modern era", Serres	ΔΕΠΚΑ Σερρών
25	01 - 02.06.2006	Certificate of participation in the two-day seminar "Topography at the TEI of Athens - Greek Reality and Perspectives", Athens	TEI of Athens
26	02 - 04.11-2006	Certificate of attendance, 9th National Cartography Conference, "Network Cartography, Network Cartography", Chania	ΧΕΕΕ
27	15.12.2006	Certificate of attendance at the Conference, entitled "Navigating the future with the specialty of Geoinformatics and Topography", Serres	TEI of Serres
28	23.11.2007	Certificate of attendance "Free and Open Source Geographical Information Systems (OPEN SOURCE GIS)", Athens	HellasGI

α/α	ΠΡΩΤΟΚΟΛΛΟ ΗΜΕΡΟΜΗΝΙΑ	ΕΙΔΟΣ ΠΑΡΑΣΤΑΤΙΚΟΥ	ΕΚΔΟΤΗΣ
29	23 - 24.04.2010	Certificate of participation in the 1st Panhellenic Conference with International participation on the topic "Local Societies & Tertiary Educational Institutions: Coexistence for Sustainable Development, Rhodes.	ΥΠΕΚΑ, Municipality, University of the Aegean
30	20.02.2011	Participation in a workshop, entitled: "Practical Exercise ... everything changes", Serres Innovation and Entrepreneurship Unit	TEI of Serres
31	18 - 20.03.2011	Certificate of participation in the 4th Environmental Conference of Macedonia, Union of Greek Chemists, Thessaloniki	EEX
32	26 - 27.05.2011	Certificate of participation in the two-day seminar on "Local Self-Government and Automation. The contribution of the Geoinformatics and Topography department", TEI of Serres, Serres	Department of Surveying and Geomatics Engineers
33	10 - 12.10.2012	Certificate of participation in the 12th National Cartography Conference on "Cartography & Spatial Information in Local Government", Kozani	X.E.E.E.
34	18.04.2013	Certificate of participation in the seminar on "Policies for mitigation of illegal logging & illegal timber trade", of the "AITOLOS" program, Serres	Scientific manager of the project
35	25 - 26.09.2014	Certificate of participation in the final two-day completion of the "AITOLOS" project entitled "Fighting illegal logging and timber trade to project trans-boundary Greek-Former Yugoslav Republic of Macedonia Forest ecosystems", Thessaloniki.	Dr. Frangiskakis Nikitas
36	19.10.2016	Certificate of participation in the workshop on "The major sanitation projects of the period 1929-36 in the Strymonas valley: new data, their current valuation & future prospects", Department of Civil Engineers of Technological Education (TE) and Engineers of Topography and Geoinformatics of Technological Education (TE), TEI of Central Macedonia, Serres	TEI Central Macedonia
37	08.03.2019	Certificate of participation in the seminar on "Road safety and sustainable urban mobility" Department of Civil Engineering (TE) and Department of Topography and Geoinformatics (TE) and Mechanical Engineering TEI, C. Macedonia	TEI Central Macedonia



α/α	ΠΡΩΤΟΚΟΛΛΟ ΗΜΕΡΟΜΗΝΙΑ	ΕΙΔΟΣ ΠΑΡΑΣΤΑΤΙΚΟΥ	ΕΚΔΟΤΗΣ
38	04 - 06.04.2019	Certificate of participation in the 17th Special Conference of the Hellenic Business Research Society and the 13th meeting of Multi-Criteria Decision Analysis "Multi-Criteria Decision Making in the Primary and Secondary Sector", which was co-organized with the Department of Business Administration of TEI of Central Macedonia, Serres.	Conference President
39	05.06.2019	Certificate of participation in the "GO GREEN" day, which was co-organized by the Municipality of Serres and the International University of Greece, Serres	Mayor of Serres
40	05 - 06.12.2019	Certificate of participation in the two-day seminar on "BUILT ENVIRONMENT RE-VISITED : TOOLS - INTERVENTIONS-PROPOSALS", which was organized by the postgraduate program of the Department of Civil Engineering in collaboration with the institutionalized laboratory of the built environment, Serres	Organizational committee

# Professional experience

## **A. Participation in Committees / councils**

s/n	PROTOCOL DATE	DOCUMENT TYPE	PUBLISHER
1	266/26-02-98	Appointment of a representative of the Technical Chamber of Greece, in the technical council of TEI Serres (1998-2000)	Technical Chamber of Greece
2	352/2001 Municipal Council Decision	Appointment of an alternate member of the Board of Directors of the Municipal Enterprise "Real Estate Development Municipal Enterprise"	Municipality of Serres
3	81/10-01-2003	Designation of a substitute member of the 2nd-level appeals committee of the National Cadastre	Prefectural Government of Serres
4	233/07.02.1986	Appointment of an expert for the formation of a pre-estimation committee for land parcels that are subject to development and subdivision in Building Blocks 98 and 99 of the approved Serres town plan. <i>(article 15, §2, of Legislative Decree (LD) 797/1971, on forced expropriations of valuation)</i>	Court of First Instance of Serres
5	806/14.09.1987	Appointment of an expert for the formation of a real estate appraisal committee for the construction of bridges on the Pethelinou-Draviskou provincial road <i>(Article 15, §2, of LD.797/1971, on forced appraisal expropriations)</i>	Court of First Instance of Serres
6	214/06.03.1991	Appointment of an expert for the formation of a pre-appraisal committee of properties expropriated for archaeological reasons and in particular for reasons of highlighting the visibility and shaping of the environment of the area of LION Amphipolis <i>(article 15, §2, of LD.797/1971, on forced appraisal expropriations)</i>	Court of First Instance of Serres
7	966/01.11.2005	Appointing an appraisal expert for upcoming properties for the improvement-expansion of section "K.Abelia–AK. Petritsiou (60.3.3) on the vertical axis Thessaloniki–Serres–Promahona of Egnatia Street in the area of the Municipality of Sidirokastro of the Prefecture of Serres <i>(article 15 of Law 2882/2011, code of forced expropriation of real estate)</i>	Court of First Instance of Serres
8	300/14.03.2007	Appointment as an alternate member to the evaluation committee of presumptive benefit of the properties expropriated for the improvement-expansion of "K. Abelia – AK. Petritsiou (60.3.3) on the vertical axis of Thessaloniki–Serres–Promahona of Egnatia Street in the area of the Municipality of Sidirokastro of the Prefecture of Serres.	Court of First Instance of Serres

s/n	PROTOCOL DATE	DOCUMENT TYPE	PUBLISHER
9	1489/25.10.2007	Appointing an expert to determine the unit price for direct acquisition with no. 851 parcel of land of Christos farm for the execution of a land improvement project in the area of Lefkona in the Prefecture of Serres ( <i>article 15 of Law 2882/2011, code of forced expropriation of real estate</i> )	Court of First Instance of Serres
10	169/12.02.2008	Appointment as an alternate member to the committee for the assessment of properties expropriated for the construction of the project "Improvement of the road axis Serres-N. Skopou ( <i>Neochori bypass</i> ) 'JUNCTION CONSTRUCTION' at Kilometer positions 2+000, 3+600, 6+500" ( <i>article 15, of Law 2882/2011, code of forced real estate expropriations</i> )	Court of First Instance of Serres
11	626/02.02.2008	Appointment as an expert in the evaluation committee of the presumption of utility of the properties, which are expropriated for the construction of the highway, of the Riziana-Lefkona subdivision, of the vertical axis of Thessaloniki - Serres - Promahona from the kilometer position 4+194 to 21+910 of Egnatia Street (60.2.2), in the area of the Municipalities of Skotoussis, Strymonikou, Lefkona, Kapetan Mitrousiou in the Prefecture of Serres ( <i>article 15 of Law 2882/2011, code of forced expropriation of real estate</i> )	Court of First Instance of Serres
12	252/10.03.2009	Appointment as an expert, for the determination of the special compensation, of the parts of the properties that remain out of expropriation, from the construction of the project "improvement of the road axis Zeugolatio - Lithotopou - Heraklia - Kamaroto ( <i>bypass Chimarros</i> )-CONSTRUCTION OF JUNCTIONS - at Kilometer positions 0+500 , 2+500, X.Th.3+853" ( <i>article 15 of Law 2882/2011, code of forced real estate expropriations</i> )	Court of First Instance of Serres

**B. Second Grade Local Self-Government****(Department of Town Planning and Town Planning Applications of the Prefecture of Serres)**

s/n	PROTOCOL DATE	DOCUMENT TYPE	PUBLISHER
1	4992/03.12.2004	Service time in the Local Self-Government B' degree, in the Department of Town Planning and Town Planning Applications of the Prefecture of Serres. <b>Period : 24.12.1982 to 09.07.1984</b>	Prefectural Government of Serres
2	1108/01.03.1985	Subjects of occupation during my tenure in the Department of Town Planning and Town Planning Applications of the Prefecture of Serres: <ul style="list-style-type: none"> <li>➤ Head of the department, property settlement operations and liability rationing</li> <li>➤ Supervisor of the topographical studies, in the context of the Urban Reconstruction Operation:: <ul style="list-style-type: none"> <li>• Cadastre, based on the photogrammetric diagrams of Serres - Heraklia</li> <li>• Terrestrial Cadastre - surveying of Nigrita Amphipolis</li> </ul> </li> <li>➤ Responsible for defining residential control zones in the communities of the Prefecture of Serres</li> <li>➤ Responsible for the quarry sites.</li> <li>➤ Member of the Committee for the supervision of the Urban Planning studies in the context of the Urban Reconstruction Initiative and for a short time chairman</li> <li>➤ Responsible for opinions on the granting of public estates</li> <li>➤ Responsible for defining Construction Lines in building permits, where necessary.</li> <li>➤ Responsible for perfection of plots</li> </ul>	Prefecture of Serres
3	1264/01-04-2004	Certificate of experience as a supervising engineer during my tenure in the Department of Town Planning and Town Planning Applications of the Prefecture of Serres. <ol style="list-style-type: none"> <li>1) General Urban Plan: Nigrita, N.Zichni, Amphipolis</li> <li>2) General Urban Plan: Sidirokastro, Heraklia</li> <li>3) General Urban Plan: Serres</li> <li>4) Cadastre-surveying of the cities of Nigrita Amphipolis "</li> </ol>	Prefectural Government of Serres

## **C. Grade A' Local Government (*Municipality of Serres*)**

(period : **19.08.1991** to **30.11.2004**)

### **C1. Administratively**

1. Appointment to a vacant organizational position, of the industry University Education (*with the number 6, UE.6*) for the specialty of Rural and Surveying Engineer, with grade C, by Mayor's decision numbered 885/30.05.1991, which was approved by decision 14206/18.06.1991 of the Prefect of Serres. Published in the Government Gazette 99/28.06.1991 issue of Public Law Legal Entities. I took up service on **19.08.1991** (*Certificate 10364/ 19.04.1999*). I was placed in the Office of City Planning and Cadastre of the Directorate of Technical Services.

2. Promotion to Grade A, from 19.02.2002. (*document s/n 31486/02.09.2002 and decision 2046/02.09.2002*).

3. Certificates of Mayors for the use of an Electronic Computer, for the execution of tasks and the drawing up of the corresponding programs (*s/n 30053/22.12.1995 and 35031/16.11.2000*).

4. From 23.04.1993 to 30.11.2004, I performed the duties of the supervisor of the Cadastre department, in the Directorate of Technical services, after my selection by the Service Council.

### **C2. Project offered to the Municipality of Serres**

Offered work in the objects, which are briefly mentioned in the *certificate numbered 6262/02.03.2000*:

1. Control and proposals for the **management of Municipal Propert**
2. Control and recommendations for **modifications and characterizations** of the approved urban planning plan.
3. Urban planning interventions within the framework of the "**Regeneration of degraded areas of the city of Serres**" program in the Venizelos area (*area of approximately 300 sq.*).
4. Supervision of studies of topographical impressions of the areas
  - Exochon
  - Kallithea
  - Acropolis
  - Prussa
  - Merarchia-Apameiafor urban interventions - modifications
5. **Land survey Urbanization of space**, for the rehabilitation of refugees, who come from the former Soviet Union, with the zoning of 52 plots, in a Municipal stadium.
6. **Serres Motorway Study** (*additional Certificate 29407/31.12.1998*)
7. Study of pedestrian routes and configuration of building polygons 8, 12, 13 of the old shopping center.
8. Town planning and participation in the committees of Final distribution of residential plots, in the regions:
  - Thrace - Kalybia (*additional Certificate 6262/02.03.2000 and no11528/12.06.2000 Department of Surveys and Land Registry of Serres Prefectural Self-Government*)
  - Omonia (*additional Certificate 37167/31.12.1999*)

9. **Surveying and design study** of the squares of Evangelistria, Onoussa and Ag. Anargyron
10. **Survey and space configuration** of the sports center of Chrysopigi Serres on a municipal area of 32 acres.
11. **Redevelopment and configuration** of the internal building polygon with number 163, with alternative proposals, for the creation of an underground car parking space and for the configuration of a square area, in a Municipal area of space
12. **Survey and study of the configuration** of a parking area for heavy vehicles on the Municipal field, outside the city plan
13. **Survey of the wider area in the lake of Agios Ioannis**, for the study of an exhibition center.
14. **Survey in the "Popof area"**, for the study of an Industrial Park, on a municipal area of 300 acres.
15. Subdivision of a municipal area of 6 acres and **creation of 12 even plots** in the framework of utilization of the Municipal property in the area of Ag. Ioannis (*plot 84*)
16. Characterization and space formation of small municipal plots (**pocket garden**) within building polygons.
17. Join the team with T.E.I. Serres, of the **Research Program** "Spatial and Development Plan of the 11th Territorial Region of the Prefecture of Serres"
18. Supervision of the implementation act of urban planning studies in the regions :
  - "Omonoia" (*additional Certificate 28406/15.12.1998*)
  - "Sfagion - 40 Martiron" (*additional Certificate 29406/31.12.1998*)
  - "A. Kamenikia - Imaret" (*additional Certificate 29408/31.12.1998*)
  - "Ergatikes Katikies"
  - "Sigis – Gonata - Pr.Ilias - N.Kifisia" (*additional Certificate 37168/31.12.1999*)
19. Supervision of the study **Surveying - Cadastre - Town planning** of the area of Ag. Ioannou (*area of 700 acres*) (*additional Certificate 51474/17.12.2003*)
20. Supervision of the study **Surveying - Cadastre** of Chionochori in the context of the town planning of the settlement. (*additional Certificate 37164/31.12.1999*)

**Additional certifications** of the offered project, beyond 6262/02.03.2000:

21. Supervision of the study Surveying - Cadastre - Town planning of the Xirotopou settlement (*Certificate 51475/17.12.2003*)
22. Supervision of Environmental Impact Studies of urban planning studies:
  - Xirotopou (*Certificate 51476/17.12.2003*)
  - Rehabilitation area for returning patients (*Certificate 51482/17.12.2003*)
23. Supervision of studies of geological suitability of areas for urban development
  - Xirotopou (*Certificate 51477/17.12.2003*)
  - Rehabilitation area for returning patients (*Certificate 51481/17.12.2003*)
24. Supervisor in the survey of land plots in the area of Nice (*Certificate 51478/17.12.2003*)
25. Supervisor of the historical plot study in the area of Nice (*Certificate 51479/17.12.2003*)
26. Supervisor in the study "Investigation and proposal for the installation of a GIS geographic information system in the Municipality of Serres". (*Certificate 51469/17.12.2003*)

## **D. Free profession**

I worked as a freelancer until I was hired by the Municipality of Serres. **(19.08.1991).**

Diploma of Public Works researcher (no. 4865), until 17-09-1988, in the categories:

- (16) Topography studies, class A and
- (10) transport project studies, class A.

From 17-09-1988 to 17-09-1992 (*apply*) degree in the categories:

- (16) Topography studies, class B' and
- (02) Urban Planning-Rhytonomic Studies, class A'.

**(copy of Scholar degree with no. 4865)**

## **Principal investigator or collaborator**

### **D1. Certificates**, as documents:

1. "Michaniona community sewage drainage study", 1979-1980. **(Certificate 1767/1-11-82 community of Nea Michaniona).**

2. "Surveying - cadastral surveying at dangerous level crossings of provincial and community roads with National roads of the Prefecture of Kavala" by the Directorate of Technical Services (D.T.S.) of the Prefecture of Kavala, 1984 (as a partner, with A. Stamoulis as the main researcher). **(Certificate 61171/ 11-3-85 D.T.S. Kavala).**

3. Topographic elevation and horizontal survey for the study "Establishment of a Nursery School", in Serres, by the Labor Organization, 1985. **(Certificate 73715/16-12-87 Labor Organization).**

4. "Implementation of a zoning plan in the settlement of N. Kerdyllion for the allocation of 84 plots of land to Pronoia Serres" by the Directorate of Technical Services (D.T.S.) of the Prefecture of Serres, 1985 (as a partner) **(certificate 535/6-3-87 D.T.S. Serres Prefecture).**

5. Surveying - cadastral study of a residential development area, by the Town Planning of Serres, 1986. **(Certificate 11618/25-11-87 Department of Town Planning and Town Planning Applications of the Prefecture of Serres).**

- of the city of "Sid/stro, Varosi area (*Northern section*)", as principal scholar.
- of the city "Nigritas, which is included between the roads to Terpni – Thessaloniki and to Serres (*Northern section*)" with Contractor Kariotis G.
- of the city of "Sid/stro, which is surrounded by Krousovitis, its extension with no. 16 National Road and the Iroon-Krousovitis stream", with contractor Demertzis K.

6. "Spatial leveling of intersections of the Skoutari community of Serres", 1988. **(Agreement 744/06-06-1988 Skoutari community).**

7. "Map of the valley of Ag. Varvaras", from the Municipality of Serres, 1987. **(Certificate 25386/16-12-91 Municipality of Serres).**

8. "Condensation of the trigonometric network and installation of routes in the areas of Emm. Papas streets and A. Thrakis and 3rd Equestrian Complex streets", directly assigned by the Municipality of Serres, 1990. (**501/90 Decision of the Municipal Council and 11688/06.07.1990 decision of validation of the Internal Prefecture of Serres**)

9. Supplementary distributions of parcels of land / extensions of land clearing in farms / settlements (**certificate 11074/25.01.1999**) :

- "**Amygdalochori**" farm. Final supplementary distribution, 609 acres, with 32 beneficiaries, sanctioned in 1999.
- "**Kastanochori**" settlement Extension of the settlement plan, 68 acres, 57 plots, which was sanctioned in 1993.
- "**Vergis**" farm. Final supplementary distribution, 905 acres, with 78 beneficiaries, sanctioned in 1993.
- "**Vergis**" settlement. Extension of settlement plan, 64 acres, 53 plots, which was sanctioned in the year 1993.
- "**Heimarro**" Farm Final supplementary distribution, 514 acres, with 76 beneficiaries, which was sanctioned in 1996.
- Settlement "**K. Orenis**". Extension of settlement development, 110 acres, 120 plots, which was sanctioned in the year 1996.

10. Participation in the studies (**certificate 1263/01.04.2004 Department of Urban Planning, Environment and Land Registry Serres Prefectural Government**) :

- "Imprinting the layout of the space around the Ag. Sophia"
- "Surveying with terrestrial methods of the Rodolivos settlement"
- Restoration and arrangement of the old Primary school of Emm. Papas

## **D2. Service Bulletin (SB), as document.**

1. "Topographic study of the area of Evangelistrias-Aristotelous" of Sidirokastro, for a plot settlement deed, with the Municipality of Sidirokastro as employer, **1985** (SB.45).

2. Topographic survey for the study "Utilization, sanitation and expansion of Sidirokastro baths", as a contractor in a study group, with the Municipality of Sidirokastro as employer, **1985**. (SB.46).

3. Participation in the road construction study "Peripheral Ring of Drama", with the contractor METEM and the employer D.T.S. Drama, **1985**. (SB.47).

4. Participation in the "Pyrgos-Volakas Falakrou Drama" road construction study, with the contractor Rural and Surveying engineer, Mr. Demiridis G. and employer D.T.S. Drama, **1986**. (SB. 50, 1, 5, 6).

5. "Amendment of the zoning plan of the community of Aggistro", with the employer of the community of Aggistro Serres, **1989**. (SB.23).

6. "Extension - drainage of Protis community", by the Protis community of Serres, **1989** (SB.27).

7. "Topographic work-mapping of outlying fields in the Eastern Section of the Dravisko farm", by the Dravisko community of Serres, **1990**. (SB.32).

8. "Amendment of the zoning plan in the municipality of Kerdyllia Serres", by the municipality of Kerdyllia, **1991**. (SB.55).



**D3. Studies on behalf of individuals** (1980-1991) (*Certificates and/or SB*)

1. Topographic works of "Construction of a New Dam and remaining Embankments of Lake Kerkini and Water Absorption Y3" at the "PROODEFTIKI" Technical Company (*Certificate 2703/25.10. 1982*)

2. Topographical works and studies of the construction of the project "Uneven level crossing of the Serron - Thessaloniki National Road with the Railway Line at Kilometer 10-804 after the approaches and bypasses". (*Certificate 742/10.11. 1982*)

3. "Preparation of a preliminary study for the creation of a holiday beach settlement of Ofryni, Kavala Prefecture" (*agreement 3/27.07. 1982 of the Association of the beach settlement of Ofryni, Kavala Prefecture*)

4. In parallel with the aforementioned professional activities, I have drawn up studies, on behalf of individuals, with evidence, **106 SB**, in the sectors:

- issuance of Building permits, with parallel preparation of Topographical diagrams.
- demarcation of Plots and Agricultural Plots.
- drawing up farm distributions.
- settlement deeds for plots of land and appraisal of the obligations of the properties.
- modification of zoning plans.
- drawing up expert opinions.

## Educational experience

### A. Training experience up to my appointment (01.12.2004) (except T.E.I. of Serres)

1. Vocational Education and Training Organization (VETO) of Serres.

Table with the courses, by time period, based on certificate no. 1544/12.03.1999.

academic year	Period		lesson	Hours (week)	Total hours
	from	to			
1993-1994	15.11.1993	18.03.1994	Topography	2	28
	21.03.1994	15.07.1994	Topography	3	45
1994-1995	03.10.1994	14.02.1995	Forms / scales, design / Plotting	3	45
	15.02.1995	30.06.1995	Forms / scales, design / Plotting	3	45
1995-1996	15.02.1995	30.06.1995	Topographic drawing	3	45
1996-1997	07.10.1996	14.02.1997	Forms / scales, design / Plotting	3	45

2. Vocational Training Center (VTC) of the Prefectural Self-Government of Serres, as an instructor in the "Computer Design" program, from **20-12-1999** to **28-03-2000**, with a total of 28 hours, (*certificate 580/29.11.2000 VTC of the Prefectural Self-Government of Serres*).
3. Municipal Vocational Training Enterprise (M.V.T.E.) of Serres. "Training of volunteers to deal with crises and emergencies" program, from **31-7-2000** to **23-10-2000**. Reporter on technical issues-assessment of disasters in buildings and facilities (24 hours) (*certificate 07.11.2000 M.V.T.E.*).
4. National Center for Certification of Structures (N.C.C.S), Continuing Professional Training & Accompanying Support Services. Registered in the Register of Trainers, with register number 705810, from **18.04.2002**, in the categories (*document no. 01-651/26-04-02*):
- (a) Architects, urban planners and transport engineers (code 2210)
  - (b) Cartographers, surveyors – geometers and geodaites (code 2293)

## **B. Educational experience at TEI of Serres until my appointment**

(a) in the position of application professor with incomplete qualifications in the civil engineering department (από 1985 – 1996)

academic year	Period		lesson	Hours (week)	Total hours
	from	to			
1985-1986	20.09.1985	11.11.1985	Special subjects of Topography	6	200
			Road construction	5	
	12.11.1985	28.02.1986	Special subjects of Topography	6	
			Topography	2	
	01.03.1986	05.07.1986	Special subjects of Topography	6	144
Topography			2		
1986-1987	22.09.1986	07.12.1986	Topography	6	174
	08.12.1986	26.02.1987	Topography	10	
	27.02.1987	31.03.1987	Topography	7	105
	01.04.1987	03.07.1987	Topography	8	
1987-1988	22.02.1988	05.07.1988	Topography 2Th + 6Lab	8	152
1988-1989	26.09.1988	26.02.1989	Topography Lab.	6	129
	27.02.1989	05.07.1989	Topography Lab.	6	110
1989-1990	25.09.1989	18.02.1990	Topography Lab.	6	203
	19.02.1990	13.03.1990	Topography Lab.	6	
			Architectural Design using a PC	2	
	14.03.1990	05.07.1990	Topography Lab.	9	
			Architectural Design using a PC	2	
1990-1991	24.09.1990	03.03.1991	Computers I Lab	4	256
			Computers II	2	
	26.09.1990	30.10.1990	IT seminar in the mechanical engineering department	8	
	31.10.1990	11.12.1990	IT seminar in the mechanical engineering department	10	
	05.12.1990	18.12.1990	IT seminar in the mechanical engineering department	15	
	04.03.1991	05.07.1991	Computers I Lab	4	104
			Computers II	2	
1991-1992	23.09.1991	23.02.1992	Topography Lab.	6	129
	24.02.1992	05.07.1992	Topography Lab.	6	111
1992-1993	21.09.1992	26.02.1993	Topography 1Th + 6Lab	7	155
	01.03.1993	05.07.1993	Topography 1Th + 6Lab	7	124
1993-1994	20.09.1993	20.02.1994	Topography Lab	6	170
			Design CAD I	2	
	21.02.1994	05.07.1994	Topography Lab.	6	152
			Design CAD I	2	

academic year	Period		lesson	Hours (week)	Total hours
	from	to			
1994-1995	19.09.1994	31.10.1994	Topography 1Th + 6Lab	7	122
	01.11.1994	26.03.1995	Topography 1Th + 3Lab	4	
	27.03.1995	14.07.1995	Topography 1Th + 3Lab	4	60
1995-1996	02.10.1995	14.11.1995	Topography 1Th + 3Lab	4	136
	15.11.1995	18.02.1996	Topography 1Th + 6Lab	7	
	19.02.1996	05.07.1996	Topography 1Th + 6Lab	7	155

(b) in the position of scientific associate with incomplete qualifications in the civil engineering department (από 1996 – 2001)

academic year	Period		lesson	Hours (week)	Total hours
	from	to			
1996-1997	07.10.1996	23.02.1997	Topography 1Th + 6Lab	7	138
	24.02.1997	05.07.1997	Topography 1Th + 6Lab	7	131
1997-1998	22.09.1997	15.02.1998	Topography 1Th + 6Lab	7	143
	16.02.1998	05.07.1998	Topography 1Th + 6Lab	7	139
1998-1999	21.09.1998	21.02.1999	Topography 1Th + 6Lab	7	150
	23.02.1999	05.07.1999	Topography 1Th + 6Lab	7	132
1999-2000	20.09.1999	20.02.2000	Topography 1Th + 6Lab	7	150
	21.02.2000	05.07.2000	Topography 1Th + 6Lab	7	134
2000-2001	25.09.2000	25.02.2001	Topography 1Th + 6Lab	7	150
	26.02.2001	05.07.2001	Topography 1Th + 6Lab	7	147

(c) in the position of a scientific associate with incomplete qualifications in the department of Surveying and Geomatics Engineers (from 2001 – 2004) (the documents do not state the total number of hours per semester)

academic year	Period		lesson	Hours (week)
	from	to		
2001-2002	24.09.2001	24.02.2002	Topography I - ( Lab)	6
	25.02.2002	05.07.2002	Topography I - ( Lab)	6
2002-2003	23.09.2002	23.02.2003	Topography I - ( Lab)	6
	24.02.2003	05.07.2003	Topography I - ( Lab)	6
2003-2004	22.09.2003	19.10.2003	Topography I - ( Lab)	3
			Act of implementation, in an urban planning study 2Th + 4Lab	6
	20.10.2003	05.07.2003	Topography I - ( Lab)	3
			Act of implementation, in an urban planning study 2Th + 4Lab	6
			Automation and Local Government (lab)	2

## **C. Process in the Department of Surveying and Geomatics Engineers**

### **C1. Administrative – participation in committees**

Appointment with a 3-year term in a vacant organizational position of Educational Staff, at the rank of professor of applications, with specialization in "Environmental Urban Planning", in the Department of Geoinformatics and Surveying, of the School of Technological Applications of TEI Serres (*decision 964/04.06.2004, of the president of TEI Serron, Gazette of the Government (GG), issue 269 Legal Entities of Public Law (LEPL)/01.11.2004*). I took up duty on

**01.12.2004.**

Permanentization with no. 173/29.01.2009 decision of the president of TEI Serres (*GG.384C/22.05.2009*).

Self-righteous conversion of the position into a permanent position in accordance with the provisions of article 78 of Law 4009/2011 (*GG 195A/06.09.2011*), with the decision 1267/11.05.2012 of the president of TEI Serres (*GG 522C/18.05.2012*).

Self-righteous inclusion in the Department of Civil Engineers and Surveying and Geoinformatics Technological Education, of the School of Technological Applications. of TEI of Central Macedonia "Presidential Decree 102/2013", decision 1710/15.07.2013 of the president of TEI of Central Macedonia, (*Gazette 1848B/29.07.2013*).

Automatic transfer to the International University of Greece, from 07.05.2019, based on the provisions of articles 7 to 10 of Law 4610/2019.

1. Member of the working group for the compilation of documents, for the creation of the Department of Geoinformatics and Surveying of TEI Serres, **1999**. (*certificate 128/02.04.1999*).

- Feasibility and implementation study
- Adaptation and perspective study
- Preliminary development study

2. Member of the curriculum committee of the Department of Geoinformatics and Surveying of T.E.I. Serres. (*document 15/10.04.2000*).

3. Member of a 3-member committee for evaluation of notes:

- "Introduction to Cartography". (*Council decision of TEI 465/24/14.12.2001*)
- "Property Valuations and Land Management." (*Council decision of TEI 376/22/16.12.2002*)
- «Road Construction II». (*practical 1/09.01.2003 Council decision of TEI*)

4. Supervisor for the internship of the students of the Department Geoinformatics and Surveying, T.E.I. Serres, for the years 2004 to 2014 and from 2020 onwards (*documents 2168/19.12.2005, 2330/30.11.2006, 2157/23.10.2007, 2589/31.12.2008*)

5. Member of the commission for conducting regular public tenders of T.E.I. Serres, from 01-09-2005 to 31-08-2006 (*decision 1315/02.02.2005*).

6. President of the feeding and housing committee, for the students of T.E.I. Serres, from 01-10-2005 to 31-08-2006. (*decision 1618/12.10.2005*)

7. Member of the committee for receipt of materials, execution of works and placements-integrations, of TEI Serres, from 01-09-2005 to 31-08-2006. (*decision 1444/28.07.2006*).

8. Deputy member of the committee for the "lease and operation of the canteen" of TEI Serres. (*decision 989/18.05.2007*)

**C2. Teaching project that has been carried out**

From the academic year 2004-2005 until 2021-2022

(Abbreviation : implementation act, in an study of urban planning unit ► IAS\_UPU)

academic year	Period	lesson	Hours (week)
2004-2005	winter semester	IAS_UPU 2Th + 8Lab	10
		Principles of design - Computer-aided design I (lab)	8
	spring semester	IAS_UPU 2Th + 8Lab	10
		Topography II - ( Lab)	6
2005-2006	winter / spring semester	IAS_UPU 2Th + 12Lab	14
		Topography II - ( Lab)	6
2006-2007	winter / spring semester	IAS_UPU 2Th + 12Lab	14
		Topography II - ( Lab)	6
2007-2008	winter / spring semester	IAS_UPU 2Th + 12Lab	14
		Topography II - ( Lab)	6
2008-2009	winter / spring semester	IAS_UPU 2Th + 12Lab	14
		Topography II - ( Lab)	6
2009-2010	winter / spring semester	IAS_UPU 2Th + 16Lab	18
2010-2011	winter / spring semester	IAS_UPU 2Th + 16Lab	18
2011-2012	winter semester	IAS_UPU 3Th + 12Lab	15
	spring semester	IAS_UPU 3Th + 12Lab	15
		Computer-aided design II 6Lab	6
2012-2013	winter semester	IAS_UPU 3Th + 9Lab	12
		Principles of design - Computer-aided design I 2Th + 6Lab	8
	spring semester	IAS_UPU 3Th + 9Lab	12
		Computer-aided design II 2Th + 6Lab	8
2013-2014	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 4Lab	4
	spring semester	Computer-aided design II 2Th + 9Lab	11
		Topography II - ( Lab)	6
2014-2015	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 4Lab	4
	spring semester	Computer-aided design II 2Th + 9Lab	11
		Topography II - ( Lab)	6
2015-2016	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 6Lab	6
	spring semester	Computer-aided design II 2Th + 9Lab	11
		Topography II - ( Lab)	6
2016-2017	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 8Lab	8
	spring semester	Computer-aided design II 2Th + 12Lab	14

academic year	Period	lesson	Hours (week)
2016-2017	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 8Lab	8
	spring semester	Computer-aided design II 2Th + 12Lab	14
2017-2018	winter semester	IAS_UPU 3Th + 9Lab	12
		Geometric road marking 2Th + 6Lab	8
	spring semester	Computer-aided design II 2Th + 12Lab	14
2018-2019	winter semester	IAS_UPU 3Th + 12Lab	15
		Topography II - ( Lab)	3
	spring semester	Granting of a special scientific license (TEI decision 540/13.02.2019)	0
2019-2020	winter semester	Granting of a special scientific license (TEI decision 540/13.02.2019)	0
	spring semester	Technical Topographic plan II	4
	spring semester	Geodesy II. Impressions, engravings	3
2020-2021	winter semester	IAS_UPU	9
		Road construction I: Geometrical road design	6
2021-2022	winter semester	IAS_UPU	12
		Road construction I: Geometrical road design	6
	spring semester	Technical Topographic plan II	6

### **C3. Participation in a postgraduate study program**

My participation in the postgraduate study program "Interventions in existing buildings and urban ensembles: Reinforcements, reuse and spatial renewals", of the department of civil engineers and engineers Surveying and Geoinformatics Technology Education, TEI of Serres.

academic year	Course title	presentation title	hours
2017-2018	(101) Captures of buildings and urban space with advanced tools	Performance of topographic measurements	3
	(104β) Topographic Applications, spatial backgrounds	Subdivisions of plots in urban areas	2
		Correction and georeferencing in a Cad environment. Topologies in land surveying	3
	(201.2) Cadastre, Policy and land uses	The cadastral registration according to chapter A, in a implementation act of urban planning.	3
	(203.2) Applied Urban Planning, Standards	The implementation act, as a methodology for the overall application of the urban planning study. Integration of distributions-returns in the implementation act. Local implementing acts.	3
2018-2019	(101) Captures of buildings and urban space with advanced tools	Performance of topographic measurements <i>(as an invited Speaker article 36, §5, Law 4485/2017)</i>	3
	(14β) Topographic Applications, spatial backgrounds	Datum, projective transformations in Greece <i>(as an invited Speaker article 36, §5, Law 4485/2017)</i>	3
		Correction and georeferencing in a Cad environment. Topologies in land surveying. <i>(as an invited Speaker article 36, §5, Law 4485/2017)</i>	3
	(201.2) Cadastre, Policy and land uses	The cadastral registration according to the A' chapter, in an implementation act of the urban planning study. <i>(as an invited Speaker article 36, §5, Law 4485/2017)</i>	3
	(203.2) Applied Urban Planning, Standards	The implementation act, as a methodology for the overall application of the urban planning study. Integration of distributions-returns in the implementation act. Local implementing acts. <i>(as an invited Speaker article 36, §5, Law 4485/2017)</i>	3



**C4. Degree theses****(Certificate no.373/23.08.2022 Department Secretariat)****(a) as a supervisor (94 theses)**

s/n	GRADUATE THESIS TITLE / YEAR
1	SPATIAL AND DESCRIPTIVE PERFORMANCE OF BUILDING CONDITIONS IN THE INTENSE AREAS OF THE CITY OF SERRES (2004)
2	MAPPING OF THE SOUTHERN SECTION OF TEI SERRES AND PLACEMENT OF THE NEW FACILITIES (2005)
3	TECHNIQUE OF APPROACHING THE SATISFACTION OF THE REQUEST FOR THE REPLACEMENT OF AGRICULTURAL PLOTS DUE TO NATURAL CONDITIONS AND THE RESTORATION OF NEW PROPERTIES IN AN ALREADY EXISTING DISTRIBUTION (2005)
4	IMPLEMENTATION ACT IN URBAN PLANNING UNITS OF IGOUMENITSA (2005)
5	SPATIAL AND DESCRIPTIVE PERFORMANCE OF BUILDING CONDITIONS IN THE PLAN AREA OF NIGRITA SERRON (2005)
6	IMPLEMENTATION ACT IN THE URBAN PLANNING UNIT OF THE MUNICIPALITY OF LIVADEIA (2006)
7	COMPARISON OF APPLICATION OF CITY PLANNING STUDY STANDARDS WITH LAND CONTRIBUTION. CASE STUDY D.D. BRONDADON CHIOU (2006)
8	KNOWN AND UNKNOWN CASTLES OF THE SOUTHERN BALKANIKS. APPROACHING THEM WITH SPATIAL DOCUMENTATION (2007)
9	URBAN PLANNING & TECHNICAL FAILURES THAT CONTRIBUTE TO TRAFFIC ACCIDENTS & THE TRAFFIC PROBLEM OF THE CITY OF LARISA (2007)
10	ATLAS OF NATURAL ENVIRONMENTAL POINTS OF INTEREST IN THE SOUTH-EAST BALKANS (2007)
11	COMPARISON OF THE APPLICATION OF URBAN PLANNING STANDARDS FOR SCHOOLS IN AN EXISTING URBAN WEBSITE. APPLICATION IN THE CITY OF SERRES (2007)
12	PRODUCTION OF DIGITAL CARTOGRAPHIC BACKGROUND AND LAND TABLES OF THE SETTLEMENT OF METOCHIOS SERRON - PLANNING AND ENVIRONMENTAL RESTRICTIONS (2007)
13	DIGITAL MAPPING OF ENGINEERS IN THE CITY OF SERRES USING AUTOCAD MAP 3D GIS SOFTWARE 2007-8 (2007)
14	IMPLEMENTATION ACT IN THE URBAN PLANNING UNIT OF LIPOCHORI OF THE MUNICIPALITY OF SKYDRA (2007)
15	CONSTRUCTION CONDITIONS IN THE SETTLEMENTS OF THE MUNICIPALITY OF ELEFTHERES KAVALAS (2008)
16	RELIGIOUS PILGRIMAGES IN THE SOUTHEAST BALKANS (2008)
17	PLACEMENT OF ACTIVITIES AND CODIFICATION OF ENVIRONMENTAL IMPACT STUDIES, WITH FIELD OF REFERENCE DEPARTMENT OF THE COUNTY OF SERRES (2008)
18	TOWN PLANNING STUDY OF SETTLEMENT. CASE STUDY XEROTOPOS OF SERRES (2008)
19	POLYGONAL NETWORK AND PRINTING OF ELEMENTS, TO SERVE THE MUNICIPAL IRRIGATION AND SEWERAGE COMPANY OF SERRONS, IN A PART OF THE URBAN SPACE (2009)
20	SPATIAL PERFORMANCE OF CHILDREN'S CAMP. SECURITY, FUNCTIONALITY, DEVELOPMENT PROPOSALS (2009)
21	CORRELATION OF PLOT ARRANGEMENT DEEDS, LOCATED IN THE CENTRAL WEBSITE OF THE CITY OF SERRES, WITH THE RHYTOMETRY PLAN, IN A SINGLE FILE (2009)
22	DETAILED PERFORMANCE OF THE FARM AND SETTLEMENT OF OINOUSA SERRES (2009)
23	DELIMITATION OF ARCHAEOLOGICAL SITES OF KAVALAS DRAMA (2009)
24	ANALYTICAL PERFORMANCE OF THE FARM AND SETTLEMENT OF POLYKASTROS, KILKIS COUNTY, IN A UNIFORM SYSTEM (2009)
25	CODIFICATION AND PERFORMANCE IN A UNIFORM DIAGRAM OF THE DEEDS OF PLOT ARRANGEMENT, IN AREAS OF THE CITY OF SERRES (2009)
26	THE BICYCLE AS AN ALTERNATIVE MEANS OF TRANSPORT. CASE STUDY IN THE CITY OF SERRES (2010)
27	POLYGONAL NETWORK AND COMPONENT IMPRESSION TO SERVE THE MUNICIPAL UNDERTAKING SERRAS WATERING SEWERAGE, IN A SECTION OF THE URBAN SPACE, WITH A COMBINATION OF GPS AND CLASSIC TOPOGRAPHY (2010)
28	IMPLEMENTATION ACT, IN THE AREA OF SIATISTA, OF THE COUNTY OF KOZANIS (2010)
29	AUTOMATED INFORMATION SYSTEM WITH AUTOCAD, FOR THE URBAN PLANNING COMMITMENTS OF SETTLEMENTS UNDER 2000 INHABITANTS, IN THE COUNTY OF ARGOLIDA (2010)
30	CODIFICATION OF CITY OF SERRES AMENDMENTS (2010)
31	THE CONTRIBUTION OF GEOINFORMATION AND TOPOGRAPHY EXPERTISE TO THE RECORDING AND PROJECTION OF SPORTS ACTIVITIES IN THE SOUTHEAST BALKANS (2010)

<b>s/n</b>	<b>GRADUATE THESIS TITLE / YEAR</b>
32	IMPRESSION AND URBAN PLANNING OF THE SETTLEMENT OF CHOROUDA (2011)
33	APPLICATION OF CAD MAP IN RITOTOMIC DRAWINGS OF THE TOPOGRAPHIC SERVICE OF THE MINISTRY OF AGRICULTURE (2011)
34	DYNAMIC MAP OF THE BOUNDARIES AND CONSTRUCTION CONDITIONS DESCRIPTIONS OF THE SETTLEMENTS OF THE ISLAND OF LESVOS (2012)
35	AUTOMATION OF THE IMPLEMENTATION ACT, USING AUTOCAD MAP 3D PROGRAM (2012)
36	PLANNING AND MANAGEMENT OF PUBLIC MARKETS. CASE IN THE CITY OF SERRES (2012)
37	CONSOLIDATION OF DISTRIBUTIONS OF THE NEIGHBORING MUNICIPALITIES OF PETRITSI AND KERKINI IN THE PREFECTURE OF SERRES, FROM THE CARTETTE OF THE TOPOGRAPHICAL SERVICE OF THE MINISTRY OF AGRICULTURE OF SERRES (2012)
38	IMPRINTING OF KAVALA TOBACCO WAREHOUSES (2013)
39	VIEW SPATIAL AND DESCRIPTIVE DATA USING SILVERLIGHT (2013)
40	SATISFACTION OF STUDENTS OF THE DEPARTMENT OF GEOINFORMATICS AND SURVEYING ENGINEER OF THE TEI OF SERRES FROM THE PRACTICAL EXERCISE (2013)
41	SATISFACTION OF EMPLOYERS OF THE DEPARTMENT OF GEOINFORMATICS AND SURVEYING ENGINEER OF THE TEI OF SERRES FROM THE PRACTICAL EXERCISE (2013)
42	THE USE OF TOTAL STATION WITH INTEGRATED GPS GNSS IN THE WORK OF THE SURVEYING ENGINEER. COMPARATIVE RESULTS FROM PRACTICAL IMPLEMENTATION (2013)
43	THE USE OF DREAMWEAVER FOR THE PURPOSE OF DISPLAYING SPATIAL AND DESCRIPTIVE INFORMATION FOR COMMON AND PUBLIC BENEFIT AREAS OF SERRES (2014)
44	CREATION OF A PLAN DEPICTING THE MODIFICATIONS OF THE TOWN PLAN OF THE MUNICIPAL UNIT OF SIDIROKASTRO (2014)
45	DEPLOY AN APPLICATION IN VISUAL BASIC FOR CALCULATING CONTRIBUTIONS TO LAND IN IMPLEMENTING ACTS (2014)
46	THE IMPLEMENTING ACT, USING THE AUTOCAD MAP SOFTWARE (2014)
47	DEMARCATON OF SETTLEMENTS OF LESS THAN 2000 INHABITANTS OF THE PREFECTURE OF DRAMA (2014)
48	DEMARCATON OF SETTLEMENTS OF LESS THAN 2000 INHABITANTS OF THE PREFECTURE OF CORINTHIA (2014)
49	PRESERVE OF THE CITY OF SERRES, USING AUTOCAD-MAP (2014)
50	VALUATION OF PROFESSIONAL ACTIVITIES IN THE URBAN FABRIC OF ASPROPYRGOS. OPTIMIZATION SUGGESTIONS (2014)
51	SUSTAINABLE STUDENT MOBILITY IN THE CITY OF SERRES (2014)
52	DETAILED DESIGN OF THE SETTLEMENT & FARM OF SKOUTAREOS IN SERRES FROM DATA OF THE TOPOGRAPHICAL SERVICE OF THE MINISTRY OF AGRICULTURE, WITH THE USE OF CADMAP. (2014)
53	SOLVING THE FAST METER USING VISUAL BASIC (2014)
54	MAPPING OF WELLS OF THE MUNICIPAL WATER SUPPLY COMPANY OF SERRES, IN PART OF THE CITY (2015)
55	DIGITAL DEPICTION OF THE SETTLEMENT AND THE FARM OF THE COMMUNITY APARTMENT "KALA DENDRA" OF SERRES IN A SINGLE SYSTEM (2015)
56	IMPRINTING OF WELLS OF THE MUNICIPAL WATER SUPPLY COMPANY DRAINING OF BALANCES IN THE AREA ENCLOSED BY THE STREETS "NIKOMIDIAS", ATH. ARGYROU, PROUSIS AND PHILIPPOS" (2015)
57	DIGITAL PERFORMANCE OF NAOUSSA'S EXPANSION PLAN (2015)
58	PLANNING OF SCHOOL WALKS OF SCHOOLS, FOR THE SECONDARY EDUCATION OF LARISSA (2015)
59	DIGITIZATION OF THE DEMARCATON OF SETTLEMENTS OF LESS THAN 2000 INHABITANTS AND TERMS OF CONSTRUCTION IN THE PREFECTURE OF GREVENA (2015)
60	DIGITAL PERFORMANCE OF NAOUSSA'S EXPANSION PLAN (2015)
61	PLANNING OF SCHOOL WALKS OF SCHOOLS, FOR THE SECONDARY EDUCATION OF LARISSA (2015)
62	DIGITIZATION OF THE DEMARCATON OF SETTLEMENTS OF LESS THAN 2000 INHABITANTS AND TERMS OF CONSTRUCTION IN THE PREFECTURE OF GREVENA (2015)
63	THREE-DIMENSIONAL IMPRINTING OF I.N. AG. NIKOLAOU IN KEFALOHORI, SERRES (2016)
64	IMPRINTING OF WELLS FOR THE DRAINAGE OF WATER VANS OF THE MUNICIPAL WATER SUPPLY COMPANY OF SERRES IN THE AREA BETWEEN THE STREETS MARATHONOS, NIGRITIS, THOUKIDIOU, DORYLAIO (2016)
65	FROM ANALOG TO VECTOR FORM, RATIFIED ACT OF APPLICATION USING GIS. CASE STUDY THE MUNICIPALITY OF ELASSONA (2016)
66	DETAILED DESIGN OF THE SETTLEMENT AND FARM OF THE LOWLAND KILKIS FROM ELEMENTS OF TYG USING CADMAP (2017)

s/n	GRADUATE THESIS TITLE / YEAR
67	IMPRINTING OF WELLS OF DEYA SERRES IN THE AREA OF THRACIANS OF THE CITY OF SERRES (2017)
68	THE CONTRIBUTION OF THE GEOINFORMATICS & TOPOGRAPHY ENGINEER TO THE DIGITIZATION OF THE LOW VOLTAGE NETWORK OF PUBLIC ELECTRICIAN ENTERPRISE (PEE) IN A RESIDENTIAL ENVIRONMENT. CASE STUDY THE SETTLEMENT OF EPTAMILON IN SERRES (2017)
69	TRIGONOMETRIC AND POLYGONOMETRIC NETWORK IN THE TEI OF C. MACEDONIA (2017)
70	VECTORIZATION OF THE FARM AND THE SETTLEMENT OF REBIRTH OF SERRES, USING AUTOCADMAP (2018)
71	UPGRADING OF ROAD SAFETY TO THE GUARANTEE OF THE MUSIC SCHOOL OF SERRES (2018)
72	UPGRADING OF ROAD SAFETY TO THE GUARANTEE OF THE TEI OF SERRES (2018)
73	VECTORIZATION OF THE GAZOROS FARM OF SERRES. AREA MEASUREMENT AND COMPARATIVE RESULTS (2019)
74	TECHNICAL PROCEDURE FOR THE EXPROPRIATION OF ROADS OUTSIDE THE CONSTRUCTION PLAN USING GIS (2019)
75	DETAILED PERFORMANCE OF THE ACHLADOCHORI FARM OF SERRES, USING CADMAP3D (2019)
76	SATISFACTION OF PROPERTY OWNERS WHOSE PROPERTIES WERE INCLUDED IN THE IMPLEMENTATION ACT, NUMBER 10, IN THE AREA OF MUNICIPAL UNIT "PEFKES", OF THE MUNICIPALITY OF NEAPOLIS SYKIES (2019)
77	VECTORIZATION OF THE PLOTS OF THE SETTLEMENT OF MAVROTHALASSA WITH AUTOCAD MAP AND DETERMINATION OF THE MUNICIPAL PROPERTIES OF THE SETTLEMENT (2020)
78	SATISFACTION OF PROPERTY OWNERS, INCLUDED IN AN IMPLEMENTATION ACT, IN THE MUNICIPALITIES OF PANGAIO KAVALA AND HERAKLION CRETE (2020)
79	SATISFACTION OF PROPERTY OWNERS, WHOSE PROPERTIES WERE INCLUDED IN AN IMPLEMENTING ACT, IN THE MUNICIPALITIES OF KOZANI AND NAOUSSA (2020)
80	THE CONCEPT OF EXPROPRIATION IN GERMAN AND GREEK LAW (2020)
81	DIGITAL DEPICTION OF THE SETTLEMENT AND FARM OF MEPONIA OF THE MUNICIPALITY OF SERRES (2020)
82	VECTORIZATION OF THE SETTLEMENT OF LEFKONAS, SERRES. GROUND MEASUREMENTS OF THE PERSONS OF THE FORMED BUILDING BLOCKS AND CORRELATION WITH TOPOGRAPHICAL SERVICE DIAGRAMS OF THE MINISTRY OF AGRICULTURE (2020)
83	THE CADASTRE OF PYRIKASTOS, SERRES, USING ARCMAP GIS AND CREATING MAPS (2020)
84	AUTOMATED PROCEDURE FOR THE PRESENTATION OF TERMS OF STRUCTURE AND USES OF THE CITY OF SERRES (2020)
85	SATISFACTION OF PROPERTY OWNERS, WHOSE PROPERTIES WERE INCLUDED IN AN IMPLEMENTING ACT, IN THE MUNICIPALITY OF KALAMARIA (2020)
86	SATISFACTION OF PROPERTY OWNERS, THE PROPERTIES OF WHICH WERE INCLUDED IN AN IMPLEMENTATION ACT IN THE MUNICIPALITIES OF IOANNINA AND LIVADIA (2021)
87	SATISFACTION OF PROPERTY OWNERS, THE PROPERTIES OF WHICH WERE INCLUDED IN AN IMPLEMENTATION ACT IN THE MUNICIPALITY OF MENEMENI (2021)
88	SATISFACTION OF PROPERTY OWNERS, THE PROPERTIES OF WHICH WERE INCLUDED IN AN IMPLEMENTATION ACT IN THE MUNICIPALITY OF PTOLEMAIDA (2021)
89	SATISFACTION OF PROPERTY OWNERS, THE PROPERTIES OF WHICH WERE INCLUDED IN AN IMPLEMENTATION ACT IN THE MUNICIPALITY OF ITEA (2021)
90	SATISFACTION OF PROPERTY OWNERS, THE PROPERTIES OF WHICH WERE INCLUDED IN AN IMPLEMENTATION ACT IN THE MUNICIPALITY OF FLORINA (2021)
91	SATISFACTION OF PROPERTY OWNERS, WHOSE PROPERTIES PARTICIPATED IN AN IMPLEMENTATION ACT IN THE AREA OF AG. IRINIS, BY D. PREVEZAS (2021)
92	RECORDING OF AN EXISTING ROAD AXIS WITH DRONE, ITS EVALUATION WITH THE DIOLKOS SOFTWARE AND PROPOSED IMPROVEMENTS. IMPLEMENTATION STUDY THE ROAD AXIS OF OINOUSSA-N.SOULIOU SERRES (2021)
93	SATISFACTION OF PROPERTY OWNERS, WHOSE PROPERTIES WERE INCLUDED IN AN IMPLEMENTATION ACT, IN THE MUNICIPALITY OF AMALIADA (2021)
94	DETAILED PERFORMANCE OF THE SETTLEMENT AND THE FARM, THE SETTLEMENT OF AG. ELENIS SERRON, WITH DATA FROM THE ARCHIVE OF THE TOPOGRAPHICAL SERVICE OF THE MINISTRY OF AGRICULTURE (2022)

**(b) participation in a 3-member supervision committee (267 degrees)**

s/n	GRADUATE THESIS TITLE / YEAR
1	SPATIAL AND DESCRIPTIVE RENDERING OF THE BUILDING CONDITIONS IN THE IN-PLAN AREA OF THE CITY OF SERRES (2004)
2	DEPICTION OF THE AXIS OF QUEEN OLGAS STREET IN THESSALONIKI, WITH VIEWS AND OUTLINES OF PLOTS, WITH PRESERVED BUILDINGS / MONUMENTS (2004)
3	DOCUMENTATION OF THE CAVE OF ALISTRATI IN SERRES (2004)
4	IMPRINTING OF THE NORTHERN PART OF THE TEI OF SERRES AND LOCATION OF NEW FACILITIES (2005)
5	READING STUDY OF THE ROAD AXIS CONNECTING LAILIA WITH MOUNT FALAKRO (2005)
6	TRAFFIC PROBLEMS IN URBAN CENTERS WITH EMPHASIS ON PROBLEMS FROM TRAFFIC NOISE (2005)
7	STUDY OF LEVELING OF NODES CASE OF XIROPOTAMOS (2005)
8	IMPACT ON THE ANTHROPOGENIC ENVIRONMENT AND LAND VALUES FROM THE OPENING OF THE PERI-URBAN ROAD OF SERRES (2005)
9	LOCATION IN THE MUNICIPALITY OF SERRES AREAS FOR THE CREATION OF AN ARTISANAL PARK (2005)
10	TACHYMETRIC IMPRINTING OF THE AXES OF THE ROADS OF THE SETTLEMENT OF CHRISTOS, MUNICIPALITY OF LEFKONAS, SERRES & CREATION OF A DIGITAL MODEL OF SOIL, BASED ON MEASUREMENTS (2005).
11	IMPRINTING AND DOCUMENTATION OF THE ZINCIRLI MOSQUE IN SERRES (2005)
12	APPLICATION DEVELOPMENT FOR SOLVING TOPOGRAPHICAL PROBLEMS IN VISUAL BASIC (2005)
13	DOCUMENTATION OF THE MONUMENTS OF QUEEN OLGAS (OLD EXODUS STREET) AND ORGANIZATION ON A DATA BASIS (2005)
14	TRAFFIC NOISE ON PERI-URBAN ROADS.CASE STUDY PERI-URBAN ROAD SERRES & SUBURBAN ROAD SERRES - LEFKONA (2005)
15	IMPRINTING OF THE TEI OF SERRES USING GPS (2005)
16	PRODUCTION OF A DIGITAL CARTOGRAPHIC BACKGROUND AND CADASTRAL TABLES OF THE SETTLEMENT OF EPTAMYLON, SERRES (2006)
17	DIGITAL TOURIST MAP OF THE PREFECTURE OF SERRES (2006)
18	IMPRINTING OF BUILDING E (STRUCTURAL WORKSHOPS) TEI OF SERRES (2006)
19	PRODUCTION OF DIGITAL CARTOGRAPHIC BACKGROUND & CADASTRAL TABLES OF THE COMMUNITY OF CHRISTOS N. SERRES (2006)
20	ATLAS OF VOLOS TSIPOUROS (2007)
21	ATLAS HYGEIAS, IN THE CITY OF SERRES (2007)
22	INVESTIGATION OF THE PROBLEM OF TRAFFIC NOISE AT CENTRAL POINTS OF THE LOCAL APARTMENT OF LEFKONAS, SERRES (2007)
23	ROAD ATLAS OF GREECE (2007)
24	CREATION OF A TRIGONOMETRIC NETWORK AT THE TEI OF SERRES & ITS DEPENDENCE ON THE STATE NETWORK USING GPS (2007)
25	TRAFFIC RESEARCH IN THE CITY OF SERRES (2007)
26	THREE-DIMENSIONAL DEPICTION OF THE BUILDING OF THE LIBRARY OF THE TEI OF SERRES WITH THE USE OF THE KRIS 3D LASER SCANNER (2007)
27	APPLICATIONS OF LASER SYSTEMS - SCANNERS. MAPPING AND ENVIRONMENTAL MANAGEMENT OF AREAS OF MINING ACTIVITY (2007)
28	DOCUMENTATION OF THE MONUMENTS OF THE OLD CITY OF XANTHI AND CREATION OF A PAGE ON THE INTERNET (2007)
29	CYPRUS SCHOOL ATLANTIS (2008)
30	CITY GUIDE OF VERIA (2008)
31	CHILDREN'S PERCEPTION OF MAPS AND CARTOGRAPHIC SYMBOLS (2008)
32	THE HISTORIC CENTER OF NICOSIA (2008)
33	ACCOMMODATION IN THE WIDER AREA OF SERRES (2008)
34	EXPANSION STUDY OF "KRINOS" SATELLITE SETTLEMENT OF SERRON COUNTY (2008)
35	CREATING ADD-ON TO AUTOCAD USING VISUAL BASIC (2008)
36	COMBINATION OF USE OF GPS AND TOTAL STATION FOR THE PERFORMANCE OF THE CURRENT SITUATION IN A PART OF THE DAFNOUDIO SETTLEMENT OF SERRES (2008)

s/n	GRADUATE THESIS TITLE / YEAR
37	COMPARISON OF CLASSICAL TOPOGRAPHIC METHODS AND GPS IN TRIGONOMETRICAL NETWORK CALCULATION (2008)
38	HYDRAULIC STUDY OF TECHNIQUES OF ZEYGOLATEI - LITHOTOPOU ROAD, SERRON COUNTY (2008)
39	CREATION OF A STANDARD METHODOLOGY FOR THE MANAGEMENT OF TOP SIGNAGE OF THE MUNICIPALITY OF LEFKON (2008)
40	IPPODAMOS - SOFTWARE FOR OVERVIEW OF GEOGRAPHICAL CHARACTERISTIC DEEDS OF THE MUNICIPALITY OF KALAMARY (2008)
41	SOFTWARE FOR OVERVIEW OF GEOGRAPHICAL CHARACTERISTICS DEEDS IMPLEMENTED BY THE MUNICIPALITY OF KALAMARIA (2008)
42	SEISMIC ASSESSMENT MAPS OF BUILDINGS OF SERRON URBAN COMPLEX (2008)
43	NUMBERING OF SERRES CITY CENTER BUILDINGS - PILOT IMPLEMENTATION WITH ENTERTAINMENT CENTERS (2008)
44	HISTORICAL DIMENSION OF THE MONUMENTS OF THE WORLD HERITAGE LIST (2008)
45	LIST OF CULTURAL RESOURCES UNESCO_2007 (2008)
46	CREATION OF A WEBSITE TO PRESENT THE MONUMENTS OF THE CULTURAL HERITAGE CATALOG (2008)
47	3D IMAGERY OF THE CENTER OF SERRES USING GOOGLE TECHNOLOGY (2008)
48	RECORD MAPPING OF POINTS OF CULTURAL INTEREST IN EASTERN MACEDONIA AND THRACE (2008)
49	THE NEW WORLD ATLAS (2009)
50	MAPS (2009)
51	WORLD ATLAS OF INTERNATIONAL AND SOCIAL PHENOMENA (2009)
52	COUNTY OF MAGNISIA: SETTLEMENTS UNDER 200 INHABITANTS WITH DECISION BY COUNTY TO DELIMIT - CLASSIFY THEM (2009)
53	CARTOGRAPHIC AND GEOGRAPHICAL ANALYSIS OF LAND VALUES AND THEIR CHANGES. APPLICATION TO THE NEW STATIONS OF THESSALONIKI METRO (2009)
54	ANALYTICAL PERFORMANCE OF THE OLIVE FARM (2009)
55	SPATIAL AND DESCRIPTIVE PERFORMANCE OF BUILDING CONDITIONS IN THE BUSY AREAS OF THE CITY OF VOLOS (2009)
56	ANALYTICAL PERFORMANCE OF THE SERRON FARM, FROM 1936 TO THE PRESENT (2009)
57	STUDY FOR THE IMPROVEMENT AND WIDENING OF THE ROAD AXIS OF THE RAILWAY STATION ANGISTIS - KRINIDAS, MUNICIPALITY OF KORMITSA, PROVINCE OF SERRON (2009)
58	ROAD STUDY. MUNICIPALITY OF LEFKON - IERA NONI VYSSIANIS (2009)
59	EVALUATION OF EXISTING URBAN PLANNING DATA OF THE MUNICIPALITY OF KALAMARIA USING GIS TOOLS (2009)
60	MAP OF BLONDE STRUCTURE AND PARITY TERMS (2009)
61	DELIMITATION OF SETTLEMENTS OF THESSALONIKI REGION UNDER 2000 INHABITANTS WITH GIS (2009)
62	STUDY, ESTABLISHMENT AND INSTALLATION OF A NEW TRIGONOMETRICAL NETWORK WITHIN TEI SERRON (2009)
63	HORIZONGRAPHIC AND ELEVATORY NETWORK TEI SERRON (2009)
64	DEVELOPMENT AND DESIGN OF GEOGRAPHIC INFORMATION SYSTEMS (GIS) IN LOCAL GOVERNMENT ORGANIZATIONS. ITS HISTORICAL DEVELOPMENT IN GREECE (2009)
65	ATLAS OF TELECOMMUNICATIONS (2009)
66	MAP OF TERMS STRUCTURE AND PARITY OF KATERINIS PLOTS (2009)
67	BUILDING AND PERFORMANCE CONDITIONS OF FLORINA PLOTS (2009)
68	ENVIRONMENTAL PLANNING IN THE CITY OF SERRES AND PROPOSAL FOR REVELATION OF THE MUNICIPAL PARK (2009)
69	TOURIST MAP-GUIDE OF THE MUNICIPALITY OF ATHENS (2009)
70	MAPPING OF THE HISTORICAL CENTER OF ATHENS (2009)
71	MEASUREMENTS OF DEFORMATIONS OF THE SOLID CRUST OF THE EARTH IN THE NORTHERN SECTION OF SERRON COUNTY (2009)
72	INVESTIGATING CAPABILITIES OF THE SURVEY ANALYST MODULE OF THE ARCGIS SOFTWARE (2009)
73	MAPPING THE NORTH SKI CENTER (KAIMACHALAN) IN THE CONTEXT OF CREATING A TOURIST GUIDE (2010)
74	MAPPING PORTRAIT OF GREEK FACEBOOK USERS (2010)
75	DIGITALIZATION OF THE CARTOGRAPHIC BACKGROUND OF THE MUNICIPALITY OF MYGDONIA (2010)
76	TOURIST MAP OF THE ISLAND OF CHIOS (2010)

s/n	GRADUATE THESIS TITLE / YEAR
77	EXTENSION OF THE CITY PLAN OF SERRES (2010)
78	MEASUREMENT OF THE TRIGONOMETRICAL NETWORK OF THE REGION OF SERRON COUNTY AND THE URBAN SECTION WITH GPS (2010)
79	DEFORMATION MEASUREMENTS OF THE SOLID CRUSH OF THE EARTH IN THE NORTHERN SECTION OF SERRON COUNTY (2010)
80	INTERACTIVE PRESENTATION OF THE ISLAND OF SPETS ON THE INTERNET (2010)
81	RENEWABLE ENERGY SOURCES: DEVELOPMENT AND PROSPECTS IN GREECE (2010)
82	MAP OF CONSTRUCTION CONDITIONS AND PARITY OF THE PLOTS OF ORESTIADA (2010)
83	DOCUMENTATION OF MACEDONIAN TOMBS - TYPOLOGY - CHARACTERISTICS (2010)
84	THREE-DIMENSIONAL PRINTING OF THE NEW BUILDING OF THE DEPARTMENT OF GEOINFORMATION AND TOPOGRAPHY-INFORMATION AND COMMUNICATIONS OF TEI SERRON USING LASER SCANNER (2010)
85	CREATION OF A SPORTS PARK AT KOLOKOTRONI CAMP OF THE CITY OF SERRES (2010)
86	PLACEMENT OF A SANITARY WASTE LANDFILL IN THE AREA OF THE MUNICIPALITY OF YIANNITS (2010)
87	CALCULATION OF DRAINAGE BASINS FOR THE DIMENSIONING OF ENGINEERING ROAD PROJECTS (2010)
88	ONLINE MAPPING OF RENEWABLE ENERGY SOURCES IN GREECE USING OPEN SOURCE GEOINFORMATION SOFTWARE (2010)
89	CREATION OF A DIGITAL MAP FOR THE CENTER OF THESSALONIKI (2011)
90	CREATION OF A MAP OF THE MUNICIPALITY OF BERIA AFTER THE "KALLIKRATIS" ADMINISTRATIVE DIVISION PROGRAM. PLANNING USING WMS Server OF KTIMATOLOGIO S.A. (2011)
91	MULTIMEDIA PRESENTATION THROUGH ANIMATED TOPOGRAPHIC PROCESSES (2011)
92	CREATION OF A DATA BASE FOR THE DOCUMENTATION OF ARCHITECTURAL MONUMENTS (2011)
93	PRINTING OF THE WASTE AND RECYCLING BINS IN THE LOCAL COMMUNITIES OF KAL DENTROS, CHRISTOS, VRONTOS, ORENI AND THE MUNICIPAL COMMUNITY OF LEFKONA. OPTIMUM ROUTE OF WASTE AND RECYCLING VEHICLES (2011)
94	RENEWABLE ENERGY SOURCES ELECTRICITY PRODUCTION USING PHOTOVOLTAIC PLANTS IN GREECE (2011)
95	CONTROL OF VERTICAL MICRO-DISPLACEMENTS IN FAULTS. THE PERIA FAULT OF THERMAIKO MUNICIPALITY, THESSALONIKI COUNTY (2011)
96	DATA MANAGEMENT OF TEI SERRON'S PERMANENT GPS STATION. ANALYSIS OF STRUCTURE AND FUNCTION IN XML, WEBSITE CREATION AND FTP SERVER INSTALLATION (2011)
97	CITY EXTENSION OF THE MUNICIPALITY OF DRAMA IN THE VINEYARDS AREA (2012)
98	ANALYSIS OF LOCATION CRITERIA OF LIQUID URBAN WASTE TREATMENT FACILITIES (2012)
99	WASTE MANAGEMENT WITH THE HELP OF GIS IN THE CITY OF SERRES (2012)
100	MAPPING OF THE KALLIKRATIC MUNICIPALITY OF NESTO (2012)
101	MAP OF STRUCTURE CONDITIONS AND PERFECTNESS OF THE PLOTS IN THE URBAN COMPLEX OF VERIA (2012)
102	GNSS PERMANENT STATION NETWORK TECHNOLOGIES APPLICATIONS IN THE GREEK - EUROPEAN AND GLOBAL AREA (2012)
103	INVESTIGATION OF THE APPLICATION OF TRANSFORMATION FACTOR RESULTS WITH GPS TECHNOLOGY. APPLICATION STUDY ON A SAMPLE OF N. SERRON (2012)
104	DEPARTMENT OF GEOINFORMATION AND TOPOGRAPHY TOPOGRAPHIC INSTRUMENTS ERROR CHECKING - CORRECTIONS (2012)
105	DIFFERENCES IN THE DISTRIBUTION OF OTA KAPODISTRIA - KALLIKRATI (2012)
106	DOCUMENTATION OF MONUMENTS OF KOZANI COUNTY (2012)
107	DOCUMENTATION OF MUSEUMS OF GREECE (2012)
108	UPDATE OF THE CURRENT SITUATION AND PROPOSAL FOR THE RENOVATION OF THE PAPALOUKA BASE IN SERRES (2012)
109	THREE-D PRINTING OF THE TOMB OF PHILIP II USING A LASER SCANNER (2012)
110	COMPARISON OF OLD AND NEW NETWORK OF THE GEOGRAPHICAL SERVICE OF THE ARMY, IN SERRON COUNTY (2012)
111	COMPLETE TOPOGRAPHIC SURVEY OF THE LION AREA OF AMPHIPOLIS AND COLLECTION OF ELEMENTS, WITH THE PURPOSE OF ITS DEVELOPMENT (2012)
112	CONTRIBUTION OF GIS TO THE DEPLOYMENT OF RENEWABLE ENERGY SOURCES, WHILE APPROACHING ISSUES OF MANAGEMENT OF THE NATURAL ENVIRONMENT AND CLIMATE CHANGE (2012)
113	PARKING SPACE PLACEMENT AND ALTERNATIVE SCENARIOS OF DETERMINING SITE ARRANGEMENTS IN KATERINI CITY CENTER (2012)

s/n	GRADUATE THESIS TITLE / YEAR
114	INVESTIGATION OF THE TRAVEL CHARACTERISTICS OF KTEL STATION USERS MACEDONIA (2012)
115	ENVIRONMENTAL STUDY OF A 40MW WIND FARM AND RELATED PROJECTS AT "OROLOGI- MAVRI PETRA" SITE IN VERMION MOUNTAIN (2012)
116	EVALUATION OF TWO POLYGONOMETRICAL NETWORK SOLUTION METHODS THE APPLICATION OF THE SETTLEMENT OF EPTAMYLON OF THE MUNICIPALITY OF SERROS (2012)
117	CALCULATION OF MOVEMENT COORDINATES AND VELOCITIES USING GAMIT/GKOBK SOFTWARE AND GPS MEASUREMENTS APPLICATION TO SELECTED POINTS IN GREECE (2012)
118	PRINTING OF A WASTE TRUCK VEHICLE AND WASTE RECORDING FOR THE MUNICIPALITY OF SKUTAREOS (2012)
119	PROPOSAL FOR THE CREATION OF FORMULA 1 FACILITIES AT THE FORMER HELLENIC AIRPORT SITE (2012)
120	ALTIMETER DETERMINATION OF THE PERMANENT GPS STATION OF TEI SERRON AND ITS DEPENDENCE ON THE STATE NETWORK USING GPS AND ROADWAY (2013)
121	RESEARCH OF PARKING SPACES IN THE CENTER OF THESSALONIKI (2013)
122	STUDY AND PLANNING FOR A MOUNTAIN CYCLING ROUTE IN THE AREA OF AGIA VARVARA, SERRON COUNTY (2013)
123	EXTENSION OF THE VONICAS SETTLEMENT OF AKTAIOS-VONICSA DISTRICT, WITH BIOCLIMATIC CRITERIA AND ORGANIZED STRUCTURE (2013)
124	DESIGN AND CREATION OF A 3D MAPPING BACKGROUND FOR THE VILLAGE OF TRACHONI, LIMAS DISTRICT (2013)
125	DOCUMENTATION OF OTTOMAN MONUMENTS IN GREECE - CONNECTION BASED ON DATA (2013)
126	DOCUMENTATION OF ECCLESIASTICAL MONUMENTS OF CYPRUS (2013)
127	ASSESSMENT OF THE POLLUTION OF Ditch N.66 IN THE REGIONAL UNIT OF PELLAS (2013)
128	MYSTRAS: THE MAJORITY OF THE CASTRO CITY (2013)
129	LIST OF CULTURAL RESOURCES UNESCO-2013 (2013)
130	INVESTIGATION OF POSSIBILITIES AND CREATION OF A DIGITAL DATA BASE OF D. IASMOS OF N. RODOPIΣ (2013)
131	DETERMINATION OF GEOSPECIES IN THE NORTH OF SERRON (2013)
132	MAPPING AND DATA COLLECTION STUDY FOR MAGNESIA LAKE LAKE FOR ITS ASSESSMENT (2013)
133	DEVELOPMENT OF A GEOGRAPHICAL INFORMATION APPLICATION FOR THE MANAGEMENT OF THE ARCHIVE OF THE MUNICIPAL TECHNICAL SERVICE (2013)
134	IMPRESSION OF THE CURRENT SITUATION, RECORDING OF THE DAILY OPERATIONS OF THE CENTERS OF CREATIVE EMPLOYMENT, OF THE MUNICIPALITY OF NAPOLI-SYKE AND CREATION OF A DATA BASE (2013)
135	RECORDING AND PRESENTATION OF THE PROVIDED SERVICES OF TEI LIBRARIES (2013)
136	LONG-TERM EVALUATION OF GENERAL BUILDING REGULATIONS IN GREECE (2013)
137	DETAILED PLANNING OF THE SETTLEMENT AND FARM. CONDITIONS AND LIMITATIONS OF THE STRUCTURE OF AGRILIOU KOZANIS SETTLEMENT (2013)
138	PROPERTY VALUATION FOR THE CITY OF SERRES (2013)
139	THE BICYCLE AS A MEANS OF TRANSPORT. CREATION OF A CYCLE PATH IN THE MUNICIPALITY OF DRAMA FOR THE SAFE MOVEMENT OF STUDENTS IN THE EDUCATION AREA (2013)
140	DIGITAL RENDERING OF GALIPSOS NEIGHBORHOOD OF PANGAI MUNICIPALITY (2013)
141	STUDY OF FLOOD PROTECTION PROJECTS IN ODOPOIIA (2013)
142	CALCULATION OF ACTUAL FLOODED AREA NORTH OF LAKE KERKIN USING GIS (2013)
143	THE ACCESSIBILITY OF THE DISABLED IN THE URBAN WEB OF THE CITY OF SERRES (2013)
144	THE CONTRIBUTION OF GIS TO THE ACCESSIBILITY OF PEOPLE WITH DISABILITIES IN THE CITY OF SERRES (2013)
145	RAIN DRAINAGE IN THE KIAFA AREA OF THE CITY OF IOANNINES (2013)
146	INVESTIGATION OF IMPACTS FROM THE URBAN PLANNING USE OF A SPECIAL POPULATION ENTITY (CHINESE), IN THE AREA OF THESSALONIKI (2014)
147	REGISTRY OF CONSERVATORY BUILDINGS UPPER CITY OF THESSALONIKI (2014)
148	ANALYTICAL PERFORMANCE OF THE NEIGHBORHOOD AND FARM OF KOUFALIA OF THESSALONIKI COUNTY IN A UNIFORM SYSTEM (2014)
149	EVACUATION PLAN OF THE CITY OF SERRES (2014)
150	DIGITALIZATION AND UTILIZATION OF THE SPECIAL PROTECTION AND SPATIAL PLANNING ZONES ON THE ISLAND OF KEFALONIA (2014)

s/n	GRADUATE THESIS TITLE / YEAR
151	MAPPING OF ENTERTAINMENT - RECREATION - RECREATION SHOPS IN THE CITY OF SERRES (2014)
152	MANAGEMENT OF PROTECTED AREAS OF NATIONAL LEGISLATION OF GREECE USING GIS (2014)
153	INCORPORATION OF SANCTIONED IMPLEMENTATION DEEDS IN THE FUNCTIONAL LAND REGISTRY (2014)
154	MINING OF KASSANDREA OF CHALKIDIKI. ANALYSIS OF M.P.E. PROS AND CONS (2014)
155	THREE-DIMENSIONAL REPRESENTATION OF TEI SERRON CAMPUS USING THE ARCGIS PROGRAM (2014)
156	DESIGN AND DEVELOPMENT OF A GIS SYSTEM FOR REGISTRATION AND MANAGEMENT OF WASTE DEPARTMENT OF KASTORIA DISTRICT (2014)
157	AUTOMATION OF PROJECT MANAGEMENT OF THE MUNICIPALITY OF ALEXANDROUPOLI (2014)
158	MAPPING PRIMARY SCHOOL STUDENTS' SAFER PATHWAYS FROM HOME TO SCHOOL, IN XANTHI (2014)
159	SOLUTION OF AN EXTERNAL WATERING NETWORK IN THE SETTLEMENT OF PETROCHORIO OF THE MUNICIPALITY OF XANTHI (2014)
160	URBAN PLANNING OF EORDIA (2015)
161	IMPRESSION OF THE BUILDING AND SURROUNDING SPACE OF THE MUNICIPAL LIBRARY OF PTOLEMAIDAS. PROPOSALS FOR ENERGY AUTONOMY AND IMPROVEMENT OF THE LOCAL MICROCLIMATE (2015)
162	THE SMOKEHOUSES OF THE CITY OF SERRES (2015)
163	DOCUMENTATION OF CHURCHES BELONGING TO THE HOLY CATHEDRAL OF SERRON (2015)
164	DIGITAL IMAGERY OF THE SETTLEMENT AND FARM OF THE COMMUNITY APARTMENT "KAPTEN MITRUSSI" SERRON (2015)
165	CALCULATION OF THE ORTHOMETRIC HEIGHTS OF THE TRIGONOMETRICAL NETWORK OF TEI CENTRAL MACEDONIA (2015)
166	NATIONAL REGISTRY VLSO & LSO ORTHOMAPS AND MEASUREMENTS VIA HEPOS ON THE GROUND. COMPATIBILITY CHECK IN EGSA 87 (STUDY AREA N. KILKIS) (2015)
167	SPECIFICATIONS FOR THE ISSUANCE OF SURVEYING BUILDING PERMIT WITHIN A PLAN (2015)
168	OPTIMIZATION OF PLANNING NODES (2015)
169	TRANSFORMATIONS OF THE URBAN SPACE IN VOLOS (1881-1955) (2015)
170	INTERNATIONAL CULTURAL HERITAGE ORGANIZATIONS (2015)
171	IMPLEMENTATION OF AN ONLINE PLATFORM FOR RECORDING AND VIEWING ELEMENTS OF THE WORLD HERITAGE CATALOG (2015)
172	URBAN PLANNING DEVELOPMENT OF THE ISLAND OF THASOPOULAS OF KAVALAS PREFENCE (2015)
173	NOISE AND TRAFFIC MAPPING ON NATIONAL RESISTANCE STREET (I.K.A. SQUARE) TO VASSILEO VASSILEIO OF SERRON MUNICIPALITY (2015)
174	PREPARATION OF A LAYOUT PLAN IN THE SETTLEMENT OF ANO MILIA PIERIA (2015)
175	DIGITAL IMAGERY OF THE SETTLEMENT AND FARM OF THE ADELFIKOS SERROS COMMUNITY APARTMENT (2015)
176	CREATION OF ALGORITHMS FOR VIEWING AND PROCESSING RESULTS OF GPS DATA ANALYSIS CENTER (2015)
177	DIGITAL IMAGERY OF FARM AND SETTLEMENT OF COMMUNITY APARTMENT LEFKOTOPOU MUNICIPALITY OF VISALTIA REGIONAL UNIT OF SERRON (2015)
178	SPECIFICATIONS FOR DRAWING TOPOGRAPHIC DIAGRAMS IN THE WORKS OF THE SURVEYING ENGINEER (2015)
179	RENDERING IN DIGITAL FORMAT OF MAPS AND LAND TABLES OF DISTRIBUTION AND RENAISSANCE K. KAMILAS SERRON AND THEIR CORRELATION WITH THE USE OF G.S.P. (2015)
180	PROPOSAL FOR THE CREATION OF A CYCLE PATH FOR THE MUNICIPALITY OF THERMAIKO (2015)
181	ONLINE TRANSPORTATION AND ACCESS APPLICATION FOR PEOPLE WITH MOBILITY PROBLEMS IN THE CITY OF KOMOTINI (2015)
182	URBAN PLANNING DEVELOPMENT OF THE ISLAND OF THASOPOULAS, KAVALAS COUNTY (2015)
183	MAPPING OF NOISE AND TRAFFIC LOAD ON THE ROAD ETHN. RESISTANCE (I.K.A. SQUARE) TO VAS. KINGDOM OF D. SERRON (2015)
184	PREPARATION OF A LAYOUT PLAN IN THE SETTLEMENT OF ANO MILIA PIERIA (2015)
185	DIGITAL IMAGERY OF THE SETTLEMENT AND FARM OF THE ADELFIKOS SERROS COMMUNITY APARTMENT (2015)
186	CREATION OF ALGORITHMS FOR VIEWING AND PROCESSING RESULTS OF GPS DATA ANALYSIS CENTER (2015)
187	DIGITAL IMAGERY OF FARM AND SETTLEMENT OF COMMUNITY APARTMENT LEFKOTOPOU MUNICIPALITY OF VISALTIA REGIONAL UNIT OF SERRON (2015)



<b>s/n</b>	<b>GRADUATE THESIS TITLE / YEAR</b>
188	SPECIFICATIONS FOR DRAWING TOPOGRAPHIC DIAGRAMS IN THE WORKS OF THE SURVEYING ENGINEER (2015)
189	RENDERING IN DIGITAL FORMAT OF MAPS AND LAND TABLES OF DISTRIBUTION AND RENEWAL OF K. KAMILAS SERRON AND THEIR CORRELATION WITH THE USE OF GIS. (2015)
190	RESOLUTION OF PERIA FARM AND SETTLEMENT OF THERMAIKO MUNICIPALITY (2016)
191	TOPOGRAPHIC MAPPING OF IRRIGATION AND SEWERAGE NETWORKS IN THE NORTHERN SECTION BETWEEN MERARCHIA, BEKIARI, SINOPI AND HERODOTO ROADS OF THE MUNICIPALITY OF SERROS (2016)
192	TOPOGRAPHIC MAPPING OF IRRIGATION AND SEWERAGE NETWORKS IN THE SOUTHERN SECTION BETWEEN MERARCHIA, BEKIARI, SINOPI AND HERODOTO ROADS OF THE MUNICIPALITY OF SERROS (2016)
193	MAPPING OF THE IRRIGATION SEWAGE AND RAINWATER NETWORK IN THERMA VILLAGE OF D.E. NIGRITAS OF THE MUNICIPALITY OF VISALTIA (2016)
194	REGISTRATION OF THE REGULATION AND ACCOUNTING DEEDS OF THE MUNICIPALITY OF EDESSA (2016)
195	ASSESSMENT AND EXPANSION PROPOSAL OF THE SERRON INDUSTRIAL AREA (2016)
196	ESTABLISHMENT AND RESOLUTION OF A SPATIAL NETWORK IN THE CITY OF SERRES (2016)
197	LOCAL RIVER PLAN IN THE TERRITORY OF TEI C. MACEDONIA WITH HEADQUARTERS IN THE TOWN OF SERRES (2016)
198	PREPARATION OF LAYOUT PLAN OF THE SETTLEMENT OF HINOCHORIO, SERRES (2016)
199	PRESERVED BUILDINGS OF THE TEMPLE CITY USING ARCMAP (2016)
200	CREATION OF AN INTERACTIVE MAP WITH THE MODIFICATIONS OF THE LAYOUT PLAN OF THE MUNICIPAL UNIT OF HERACLEIA (2016)
201	RENOVATION PROPOSAL IN PARTS OF THE TRADITIONAL SETTLEMENT OF KROMNIS, MUNICIPALITY OF PELLAS, PELLIS (2016)
202	DETAILED DIGITALIZATION OF GEFYROUDI SETTLEMENT AND FARM (2016)
203	CHECK OF THE EXISTENCE AND PRICES OF FIXED EXHA WITH GPS IN THE URBAN COMPLEX OF THE MUNICIPALITY OF SERRES (2016)
204	BIOCLIMATIC DESIGN OF THE CAMPUS OF TEI C. MACEDONIA (2016)
205	MAPPING OF THE KAVALAS AIRPORTS AREA OF KAVALAS PROVINCE (2016)
206	AEGIALOU LINE IN THE MUNICIPALITY OF PAGGAIO (2016)
207	ANALYTICAL DIGITALIZATION OF SPATIAL AND DESCRIPTIVE DATA OF NEW SKOPOS SERRA SETTLEMENT (2016)
208	REGISTRATION OF AREAS OF HUNTING INTEREST IN THE COUNTIES OF SERRES AND KILKIS (2016)
209	URBAN PLANNING ORGANIZATION OF LAKE ISLAND (2016)
210	URBAN PLANNING STUDY OF THE NEW SETTLEMENT OF KOMANOS IN THE MUNICIPALITY OF EORDIA (2017)
211	RENOVATION AND REORGANIZATION OF THE OUTDOOR SPACE OF TEI C. MACEDONIA IN SERRES (2017)
212	CALCULATION OF DEFORMATION OF THE SOLID CRUST OF THE EARTH IN THE NORTHERN SECTION OF SERRON COUNTY. IMPLEMENTATION STUDY FOR A PERIOD OF TEN (10) YEARS (2017)
213	IMPLEMENTATION OF SETTLEMENTS UNDER 2000 INHABITANTS AND THEIR AMENDMENT IN THE MUNICIPAL UNIT OF AKROTIRIO IN THE DISTRICT OF CHANION OF THE DISTRICT OF CRETE (2017)
214	PLACEMENT OF STANDS. CASE STUDY OF THE AREA OF THE MUNICIPALITY OF SERRES (2017)
215	MEASUREMENT AND CALCULATION OF THE POINTS OF TEI K. MACEDONIA AND THEIR DEPENDENCE ON THE STATE REFERENCE SYSTEM EGSA 87 (2017)
216	MAPPING OF MAVROPIGIS LIGNITE MINE OF PPC IN THE AREA OF KOZANI WITH AERIAL PHOTOGRAPHY FROM A MODEL AIRPLANE (2017)
217	DIGITAL IMAGERY OF THE SETTLEMENT AND FARM OF THE SCOTOUSSA SERRON COMMUNITY APARTMENT (2017)
218	ESTABLISHMENT OF TOPOGRAPHIC NETWORK USING CLASSICAL TOPOGRAPHY AND GNSS METHODS (2017)
219	CREATION OF DIGITAL SOIL MODELS OF FLOODED AREAS OF SERRON REGIONAL UNIT (2017)
220	DIGITAL MANAGEMENT OF PLACEMENT DEEDS OF THE CITY OF SIDIROKASTROS SERRON (2018)
221	ORGANIZATION OF THE EXHIBITS REGISTRATION SYSTEM OF THE CHRONICULAR MUSEUM OF LARISSA (2018)
222	CONSERVATORY OF THE CITY OF KOS USING AUTOCAD-MAP (2018)
223	RENOVATION OF A QUARRY IN THE MUNICIPALITY OF TRIFILIA (2018)
224	COMPUTATION OF S/N PERMANENT GNSS REFERENCE STATION FROM TRIGONOMETRIC POINTS BY STATIC AND KINETIC METHOD (2018)
225	ORGANIZATION OF THE CULTURAL RESOURCES REGISTRATION SYSTEM OF LEFKADA (2018)
226	THREE-DIMENSIONAL PHOTOGRAMMETRIC SURVEYING BY DRONE OF THE LIVITHRON ARCHAEOLOGICAL PARK OF PIERIA (2018)
227	STRATEGIC PLANNING OF THE MUNICIPALITY OF NEAS PROPONTIDAS, REGIONAL UNIT OF CHALKIDIKI (2019)
228	ANALYTICAL PERFORMANCE OF THE SHEEP FARM AND HOUSING, OF SERRON COUNTY, IN A UNIFORM SYSTEM (2019)

<b>s/n</b>	<b>GRADUATE THESIS TITLE / YEAR</b>
229	DIGITALIZATION OF URBAN STUDY (1982-1986) OF THE CITY OF LAGADA (2019)
230	TOPOGRAPHIC MAPPING OF THE BUILDINGS AND SURROUNDING SPACE OF THE LAGADA THERMAL SPRINGS, THESSALONIKI (2019)
231	2D & 3D IMPRESSION OF THE ANCIENT THEATER OF MIEZA (2019)
232	PREPARATION OF A LAYOUT PLAN IN THE SETTLEMENT OF KREMASTI XANTHI (2019)
233	CALCULATION AND COMPARISON OF ALTITUDE DIFFERENCES OF A TRIGONOMETRICAL NETWORK AT TEI C. MACEDONIA USING CLASSIC TOPOGRAPHY AND GPS METHODS (2019)
234	APPLICATION OF DISTRIBUTION OF THE SETTLEMENT OF METOCHIOS, COUNTY OF SERRES AND CORRELATION WITH ORTHOGRAPHIC MAPS AND GPS (2019)
235	URBAN PLANNING STUDY PE.17 - ST. ATHANASIOS SERRON (2019)
236	THE FLOW PLAN AND THE INTERWAR VENEZILE HOUSES OF HERACLEIA (2019)
237	SEARCH, PROCESSING OF SATELLITE DATA IN GREECE (2020)
238	DIGITIZATION OF FARM AND SETTLEMENT OF SELINOS XANTHIS (2020)
239	DIGITAL IMAGING OF DRAVSKO SERRON SETTLEMENT AND FARM USING ANALYTICAL METHODS (2020)
240	THREE-DIMENSIONAL PHOTOGRAMMETRIC IMPRESSION OF A BUILDING AT THE TEI OF CENTRAL MACEDONIA USING A DIGITAL CAMERA (2020)
241	DIGITAL RESOLUTION OF THEORETICAL BOUNDARIES OF SETTLEMENT AND REVIVAL IN THE SWAMP AREA OF SERRES (2020)
242	DIGITAL RECORDING OF PROSOTSANI DRAMA FLOW PLAN (2020)
243	SIMULATION OF DOUBLE POPULATION SPREAD USING GEO-INFORMATION SYSTEMS AND INTERFERENCE METHODS. (2020)
244	SITEING AND INSTALLATION OF A WIND FARM USING GIS (2020)
245	ASSESSMENT AND ADDRESS OF ENVIRONMENTAL IMPACTS FROM AGGREGATE QUARRY OPERATION (2020)
246	OPTIMIZATION OF WATER MANAGEMENT AND IRRIGATION CONDITIONS THROUGH THE MODERNIZATION OF THE IRRIGATION NETWORK AND ENVIRONMENTAL IMPACTS OF THE PROJECT (2020)
247	PREPARATION OF A LAYOUT PLAN IN THE KLESIOURAS SETTLEMENT OF KASTORIA (2020)
248	DESCRIPTION OF THE PERIX AREA OF LAKE VEGORITIDAS OF N. FLORINA OF THE AG. PANTELEIMONOS SETTLEMENT AND PROPOSAL FOR USE IN ENVIRONMENTAL TERMS (2020)
249	INTEGRATION OF URBAN PLANNING DATA OF THE SETTLEMENT OF Kerdilia, SERRON COUNTY (2020)
250	RENEWABLE ENERGY SOURCES AND LAND USE: THE CASE OF THE REGIONAL UNIT OF SERRONS (2020)
251	3D PHOTOGRAMMETRIC IMPRESSION OF THE CITY OF LAGADA THESSALONIKI DURING THE YEAR 1980 (2020)
252	ACCESS AND SERVICING OF PEOPLE WITH SPECIAL NEEDS TO PUBLIC SERVICES AND SPACES IN THE MUNICIPALITY OF NAPOLI SYKEON (2020)
253	TOWN DEVELOPMENT OF DOGANI BASE IN KILKIS (2021)
254	INVESTIGATION OF THE PRESENCE OF THE BICYCLE IN THE CITY OF SERRES (2021)
255	INSTALLATION OF PHOTOVOLTAIC PARKS AND ENVIRONMENT (2021)
256	WATER BASIN WATER BALANCE SIMULATION USING GEOGRAPHIC INFORMATION SYSTEMS (2021)
257	GEOGRAPHIC INFORMATION SYSTEMS FOR MILITARY USES (2021)
258	THREE-DIMENSIONAL DRAWING AND DIGITAL MODEL CREATION FOR CROSS-SECTION CALCULATION (2021)
259	SOLIDARITY: FROM THEORY TO PRACTICE. SOLIDARITY STRUCTURES IN THESSALONIKI AND THEIR REGISTRATION IN GEOGRAPHIC INFORMATION SYSTEMS (2021)
260	CREATION OF A DOCUMENTATION SYSTEM OF THE INDUSTRIAL HERITAGE OF THE COUNTY OF MAGNESIA (2021)
261	PICTURE AND ARTISTIC INTERVENTIONS/ACTIONS IN THE PUBLIC SPACE OF THE MUNICIPALITY OF THESSALONIKI (2021)
262	CIRCULAR ECONOMY. SOLID AND LIQUID WASTE MANAGEMENT (2021)
263	THE USEFULNESS OF GIS IN THE ENVIRONMENTAL IMPACT ASSESSMENT PROCESS (2021)
264	SMALL HYDROELECTRIC DAMs AND THEIR ENVIRONMENTAL IMPACT ASSESSMENT (2021)
265	CULTURAL ECOSYSTEM SERVICES IN EASTERN MACEDONIA AND THRACE (2021)
266	CULTURAL GOODS DOCUMENTATION SYSTEM OF THE MUNICIPALITY OF KALAMATA (2021)
267	STUDY AND COMPARISON OF THE ACCURACY OF 2099 AND 2016 VLISO ORTHOPHOTOGRAPHS OF KTIMATOLOGIO SA IN THE CITY OF SERRES USING GNSS MEASUREMENTS (2022)

## **C5. Participation in programs - connection with social agencies**

1. Participation in the project "**Digitization of Official Gazette and Delimitation Diagrams of Settlements of the Prefecture of Serres**", with the contracting authority the Technical Chamber of Greece, Department of Central Macedonia, budget 3200 €, (*decision 80, of the 6th regular meeting of 27.04.2004 and decision 137A and 137B of the 8th regular meeting of 14.04.2005 for the receipt of the project*).

2. Participation in the "Archimedes I" program of the Department of Geoinformatics and Topography with the aim of "**developing a cartographic background for the requirements of the program and the geographical location of places and routes**" of sub-project 1 "Human environment and its documentation with GIS technology. Spatial development, roads and routes of the Balkans", of the action 2.6.1.id, "Strengthening of Research Groups on Environment and Ecology at TEI of Serres, of the project "Archimedes - Strengthening of research groups at TEI" of the B' EPE.A.E.K., 3rd K.P.S., with the scientific manager of the sub-project Professor Mouratides Errikos. Remuneration of €6000, through the Research Committee of TEI Serres, with a contractual period from 01.04.2004 to 31.08.2006. (*Contract with no. prot. 949/ 6.10.2004*)

3. Participation in the program "Reformation of the Undergraduate Study Program of the Department of Geoinformatics and Topography", of action 2.2.2a "Reformation of Undergraduate Study Programs" of measure 2.2. of the 2nd EPEAEK - 3rd KPS, with scientific manager Mr. Kariotis Georgios, through the Research Committee of TEI Serres, with two contracts :

α. participation in (i) PE 1c, concerns the reformation proposal of the department's PPS in the courses of my specialty, (ii) PE 2b, concerns the quality upgrade of degree theses, (iii) PE 2c and PE 2d concern the reform of the courses in my specialty courses and (iv) PE 3a and PE 3b concerning the pilot application of a theoretical and a laboratory course, with a fee of €4,250, with a contractual period from 01.01.2005 to 08.31.2006. (*Contract with no. prot. 760/ 25.08.2005*)

β. "**Pilot application of a laboratory course and collection of legislative material as an aid for conducting several courses on topographic studies, urban studies, implementation acts, and Land Registry**", through the e-learning platform, with a fee of €3850, with a contractual time from 01.11. 2006 to 31.03.2007. (*Contract with no. prot. 1166/ 16.10.2006*)

4. Participation in the project "**Creation of a Mechanism for the detection of transmissible diseases, humans and animals**" with the contracting authority the Prefectural Government of Serres and scientific manager Mr. Konstantinidis Alexandros, member of the Teaching and Scientific Staff of the department, with a total budget of €39,270 (*including VAT*), through the Center of Technological Research (CTR) of TEI Serres. (*Contract 26.06.2006*).

5. Scientific officer in the project "**Research proposal for the creation of a Center for Therapeutic Riding in the Prefecture of Serres**" with the contracting authority the Therapeutic Riding Association of Serres, budget €1,190.00 (*to cover expenses*), through the Technological Research Center (TRC), TEI of Serres, with contractual time, from 01.09.2006 to 02.10.2006. (*Contract with prot. no. 79a/04.09.2006, fee 300 €*).

6. Scientific manager in the project "**Mapping of the plot of the Center for the Employment of Persons with Special Needs (C.E.P.S.N.) at a scale of 1:100 with the combined use of G.P.S. and classical Topography**" with the contracting authority the Rehabilitation Center for Persons with Special Needs of Serres, budget €1,190.00 (*to cover expenses*), through the Technological Research Center (TRC) of the TEI of Serres, with a contractual period, from 12.03.2007 to 12.04.2007. (*Contract no. 32a/15.03.2007, fee 345 €*).

7. Scientific officer in the project "**Research proposal for the suitability of a field for the creation of a motorway in the Municipality of Serres**" with the contracting authority Serres Motorway S.A. (*Business of the Municipality of Serres*), through the Technological Research Center (TRC) of the TEI of Serres, with a contractual period, from 04.09.2007 to 31.10.2007, in the context of the implementation of P.D.14, of 16.1.2007, Government Gazette Sheet 10 A /22.01.2007 "Definition of specifications for the creation of motorways" (*Contract with no. prot. 74/05.09.2007, fee €2200*).

8. Scientific manager in the project "**Construction of scale maps from 1:5.000 to 1:250.000**" with the contracting authority Serres Motorway S.A., (*Business of the Municipality of Serres*), through the Technological Research Center (TRC) of the TEI of Serres, with contractual time, from 06.11.2007 to 09.01.2008, in the context of the implementation of P.D. 14, of 16.1.2007, Government Gazette Sheet 10 A/22.01.2007 "Determining specifications for the creation of motorways" (*Contract 111/07.11.2007, fee 3320€*).

9. Scientifically responsible for the project "**Local Rheumatology, the case of TEI Serres**", with the contracting authority the Special Funds and Research Account of TEI Serres, with a budget of €5,000 and with a contractual period from 26.09.2007 to 26.05.2008. It included: (PE1) the analysis of examples of local landscaping plans of Greek academic campuses, (PE2) the gathering and analysis of the existing institutional framework for the approval of local landscaping plans, recording of administrative procedures, legal commitments, (PE3) the topographical and cartographic documentation of the campus of TEI Serres. Compilation of the notarial deeds granting lands to the TEI, (PE4) the updating of the dimensions of the existing buildings on the TEI campus in relation to the building permits issued, (PE5) the drawing up of a map of the proposed local zoning, in accordance with the applicable specifications, (*practice 11/10-11-2007 Board of Education and Research Committee and Contract No. 1424, fee 1300 €*).

10. Participation in the project "Development of a Geographical Information System in the Technical Services of the Municipality of Kalamaria - Provision of spatial information to other Services of the Municipality - Provision of e-GOVERNMENT services via the Internet", with scientific manager Mr. Alexandros Konstantinidis, member of the Teaching and Scientific Staff of the department and subject "**Consulting services in the Develop-**

**ment of Urban Planning/Spatial Application in the environment"**, through the Education and Research Committee, with contractual time from 01.03.2008, until 01.06.2008, (contract 474/21.**2008**, fee €2750).

11. Participation in the project "**Construction of maps required by PD.14 of 16.01.2007, Government Gazette Sheet 10/22.1.2007 and specifically required by article 6 for the approval of the suitability of the stadium, article 7 for the approval of an architectural study and article 8 which concerns the receipt of a special operating signal**", within the framework of the project "Preparation of a study for the construction of parking area A for auxiliary vehicles and preparation of supporting documents for the approval of the suitability of the field (Phase B) and architectural study (Phase C)", through the Commission of Education and Research, with scientific manager Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, with a contractual period from 22.01.2009 to 30.06.2009 (contract no. 57/10.02.**2009**, fee €4600).

12. Participation in the project "**Investigation of a site for the construction of building facilities of the Municipal Water Supply and Sewerage Company of Serres, on a privately owned site. in the area of the Serres railway station, outside the approved city plan, within the General Urban Plan, of the Serres Local Government Organization**", through the Education and Research Committee, with Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, as scientific manager, with a contractual period, from 22.02 .2009 until 24.03.2009 (contract with no. pr. 72/16.02.**2009**, fee €560).

13. Scientific responsible for the project "**Digitization of the Civil Land Directorate file**", with the contracting authority the Prefectural Self-Government of Serres, through the Education and Research Committee of TEI Serres, with a total budget of €40,000, (excluding VAT). Signing of a program contract between the Prefectural Government of Serres and TEI Serres on 15.12.2009. Contract period, from 15.12.2009 to 15.06.2011. (contract no. 67/19.03.**2010**, fee 13000€).

14. Scientific responsible for the project "**Creation of a cartographic background and study of the road axis between the Serres-Drama Provincial Road and the railway line**", with the contracting authority the Municipality of Alistratis Serres, through the Education and Research Committee of the TEI of Serres, with a contractual period from 19.04.2010 to 29.06.2010. (contract 144/31.05.**2010**, fee 3100€)

15. Scientifically responsible for the project "**Undertaking a special study concerning the investigation of the collection of recyclable materials in the city of Serres**", with the contracting authority being the Municipality of Serres, through the Education and Research Committee of the TEI Serres, with a contractual delivery time, from 16.04.2010 to 30.06 .2010. Object of employment (i) the inventory of the existing state of the waste bins and the routes taken by the waste trucks for collection. (ii) the uniform distribution of recycling bins (iii) finding optimal collection routes for recyclable materials (contract 150 / 31.05.**2010**, fee 5250€).

16. Scientifically responsible for the project "**Standard documentation of the performance process of the military Camps, in the Municipality of Serres**", with the contracting authority the Municipality of Serres, through Technological Research Center (TRC), TEI of Serres, with contractual time, from 12.07.2010, to 09.01.2011, in the context of the implementation of Law 2745/1999 (G.G. 224A' /27.10.1999) "*Establishment of a temporary agency for the utilization and relocation of camps and other provisions*" (Contract 12.07. **2010**, fee €3320.00).

17. Participation in the project "Filling in the file for the issuance of a special badge by the Greek Tourism Organization (GTO)" with the contracting authority, the Serres Motorway SA (*Enterprise of the Municipality of Serres*), through Technological Research Center (TRC), TEI of Serres, with a contractual period, from 11.08.2010, to 11.10.2010 and scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, in the context of the implementation of PD.14/16.1.2007, GG.10A'/22.01.2007 "*Definition of specifications for the creation of motorways*" (Contract 11.08. **2010**, fee 800 €).

18. Participation in the project "**Detailed mapping of the north-west corner of the courtyard of the Serres Hospital and zoning for the Anti-Narcotics Organization**", with the commissioning authority, the Serres General Hospital, through Technological Research Center (TRC), of the TEI of Serres, with contractual time, from 17.02.2011 to 17.03.2011. Scientific manager, Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, (Contract 17.02. **2011**, fee 200 €).

19. Participation in the project "**Potential utilization of the old Serres Hospital**", with the contracting authority the Serres General Hospital, through the Education and Research Committee of the TEI Serres, with a contractual period, from 02.01.2012 to 03.01.2012. (Contract with no. 86/01.02. **2012**, fee €420).

20. Scientific responsible for the project "**Pilot investigation and utilization of 20 properties of the Municipal property of the Municipality of Serres**", with the contracting authority the Municipality of Serres, through the Special Account of Funds and Research of the TEI of Serres, with a contractual period from 01.02.2012 to 30.04.2012 . (Contract with no. 89/01.02. **2012**, fee 3800 €).

21. Scientifically responsible for the project "**construction of an interactive map of primary Public Care in the Prefecture of Serres**", with the contracting authority the General Hospital of Serres, through the Special Funds and Research Account of the TEI of Serres, with a contractual period from 01.02.2012 to 01.03.2012. (Contract with no. 92/01.02. **2012**, fee 280 €).

22. Participation in the project "**Digitization of operational plans of the Electricity (N.E.) networks, of the medium voltage, in the region of the Prefecture of Serres**", with the contracting authority the Public Electricity Company S.A., through the Special Funds Account and Research of TEI Serres, with contractual time from 09.05.2012 to

09.08.2012. Scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, (Contract 820/09.05.**2012**, remuneration 3250 €).

23. Participation in the project "**Expansion possibilities of the new Serres Hospital**", with the contracting authority the Serres General Hospital, through the Special Funds and Research Account of the TEI of Serres, with a contractual period, from 03.07.2012 to 03.08.2012. Scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, (Contract 1293/03.07.**2012**, fee 370 €).

24. Participation in the project "**AITOLOS: Cross-border collaboration to fight illegal logging and timber trade to protect trans-boundary Greek-F.Y.R.O.M. ecosystems**", within the framework of the program "Greece - former Yugoslav Republic of Macedonia 2007-2013", which was co-financed by the European Union and by National resources of the participating countries, with deliverables (i) for section WR3, entitled "Design of piloting", in actions 3.1 "Market Analysis" and 3.2 "Policy Guidelines" and (ii) WR4, entitled "Piloting, in actions 4.1 "pilot design" and 4.3 "Piloting", with contractual time from 21.12.2012 to 31.12.2012. Scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department, (Contract 2818/21.12.**2012**, fee 10000 €).

25. Participation in the project "**Digital Management of the irrigation network of the Local Organization of Water Improvements (LOWI) of Heraklia with the help of Geographical Information Systems**", with the contracting authority the Local Organization of Water Improvements (LOWI) of Heraklia, through the Education and Research Committee, with contractual time, from 11.04.2014 to 30.06.2014. Scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department. My participation and **deliverables** (contract 1201/11.04.**2014**, fee 800€):

- (a) action 1, "Digital rendering of cartographic background on a single map with 16 farms of the area of responsibility of the (LOWI) Heraklia"
- (b) action 2, "Digital mapping of the irrigation network of the area of responsibility of (LOWI) Heraklia, i.e. irrigation network, drainage network and pumping station"
- (c) action 3, "Association with orthophoto maps of the same area"
- (d) action 4, "Connection of the cartographic elements with a database for their management, i.e. the plots with the owners and cultivators and the networks and pumping stations, with a database, to which technical characteristics and other information can be added by the Service ».

26. Participation in the project "**Digital Management of the irrigation network of the Local Organization of Water Improvements (LOWI) of Naoussa Farm with the help of Geographical Information Systems**", with the contracting authority the Local Organization of Water Improvements (LOWI) of Naoussa Farm, through the Education and Research Committee, with contractual time, from 14.10.2014 to 15.01.2015. Scientifically responsible Mr. Kariotis Georgios, member of the Teaching and Scientific Staff of the department. My participation and **deliverables** (contract 3338/14.010.**2014**, fee 950€):

- (a) action 1, "Digital rendering of cartographic background on a single map with 16 farms of the area of responsibility of the (LOWI) of Naoussa Farm "
- (b) action 2, "Digital mapping of the irrigation network of the area of responsibility of (LOWI) of Naoussa Farm"
- (c) action 3, "Association with orthophoto maps of the same area"
- (d) action 4, "Connection of the cartographic elements with a database for their management, i.e. the plots with the owners and cultivators and the networks and pumping stations, with a database, to which technical characteristics and other information can be added by the Service ».

27. Scientific manager of the project "**Digital Management of the irrigation network of (LOWI) West Canal Farm of Heraklion, with the help of Geographical Information Systems**", with contracting authority the (LOWI) West Canal Farm of Heraklia, through the Education and Research Committee, with a contractual period from 14.10.2014 until 15.01.2015 (*contract 3339/14.10.2014, fee 1000€*), with **deliverables** :

- (a) action 1, "Digital rendering of the cartographic background on a single map with the farms of the area of responsibility of the (LOWI) Western Canal Farm of Heraklion."
- (b) action 2, "Digital mapping of the irrigation network of the area of responsibility of the (LOWI) Western Canal of Heraklia, i.e. irrigation network, drainage network and pumping stations"
- (c) action 3, "Association with orthophoto maps of the same area"
- (d) action 4, "Connection of the cartographic elements with a database for their management, i.e. the plots with the owners and cultivators if the relevant tables are delivered by the (LOWI) and the networks and pumping stations, with a database to which can be added by the Service Technical characteristics and other information."



## Computer - Software

- **1982** : Purchase of the 1st PC, Olivetti M20 with PCOS function and two floppy disks with a capacity of only 320KB each and a printer for A3 paper.

With the **GW BASIC** of that time, I created several surveying programs, some of which were:

- (i) solving a trigonometric grid with least squares up to nine (9) points, due to floppy disk capacity.
- (ii) solving routing and fault distribution in the dependent routes;
- (iii) solving the tachymetric topography,
- (iv) reporting points to the A3 printer on continuous paper, managing the 7 pins available on the printer head.
- (v) joining points by point number, using the plot, before the point connections have been resolved, useful for large footprints.
- (vi) transformations, from a small Map Sheet (MS), to a large (MS), in the HATT projection and from HATT, in a transverse mercatoric projection of the 3<sup>o</sup>, within the framework of the Urban Reconstruction Operation in Greece (UR 1982-84), period during which the Town Planning studies and implementation actions began.
- (vii) Acreage distributions, for use in temporary farm distributions, in conjunction with grantee tables. The vertices of the polygon to be distributed were registered in a file, as were the beneficiaries with the corresponding plots of land, which were to be assigned. The axis of distribution was determined. The area of the polygon was calculated and from a suitable in-order check on the beneficiary table, it returned the number of beneficiaries that could be satisfied in the given polygon. Apparently the area of the polygon did not match the sum of the area of the selected beneficiaries. The user had three options (a) not to select the last beneficiary, in which case the resulting additional area would be proportionally attached to the remaining beneficiaries, (b) to select the last beneficiary, in which case the resulting area would be greater than the available polygon, so a proportional reduction in the areas of the beneficiaries would have to be carried out, (c) to select the last beneficiary, but for as much area as was necessary so that there would be no surplus or deficit with the area of the polygon. After the selection, the distribution line of each piece was calculated, which would be perpendicular to the distribution axis, the overall plan with dimensions and vertices connections.

*The PC and most of the programs I have written are on display in the "Topography" laboratory of the Engineering Department of Surveying and Geoinformatics, as memorial material.*

- **1986 to present**, switch to DOS environment and then to Windows.

Use of programs: Framework, Word, Excel, PowerPoint, Access, OpenOffice.

Simultaneously, knowledge and use of the AutoCAD program, with version 2.18, where AutoLisp was integrated for the first time. In 1988, I upgraded to version 9, which required a math coprocessor (8087). The challenge was to investigate the DXF format (*Autocad Data eXchange Format*), with which text files with a specific structure were converted into spatial objects in the design environment. I followed selected versions of AutoCad and then AutoCAD Map 3D and AutoCAD Civil 3D. From the association of the DXF format with the knowledge from AutoLisp, I created several routines, which are executed in the design environment of AutoCad, which has been appropriated for the needs of topography, the implementation act of urban studies, but also road construction cases. With proper programming, combined with the recorded route data from the GPSMAP 76S

of Grarmin, which is available in the Topography laboratory, of the Surveying and Geoinformatics engineering department, the route cross-section is produced.

The long-term involvement with **AutoCad Map3D** and **AutoLisp** was the reason to use the specific software for my PhD thesis, to write the corresponding programs, in order to apply them to urban planning models and to obtain the comparative results.

In the AutoCad environment, the laboratory part of the courses takes place: "Technical-Topographic drawing II", "Road construction I: Geometric design of roads" and "implementation act, in urban planning studies".

- In 1999, I came into first contact with **ArcGIS** and **Visual Basic**, in the context of attending the summer program at the University of the Aegean. ArcGIS I found lacked the flexibility of the AutoCAD design environment, but provided the ability to link spatial and descriptive information. The release was in a DOS operating system and was not well received by the user. I returned to ArcGIS to 2010, but as a simple user, without any special use. Regarding Visual Basic, it was used as a tool in Excel during my thesis in the tables of the questionnaires, but also in writing programs.

- In 2010, besides with ArcGIS, I come into first contact with **QGIS**, which I approached more as a user. I appreciate that it may have been inferior to ArcGIS at the time, but it seemed to be a growing program with a lot of promise. In the QGIS environment, the above-mentioned three (3) projects of the management of the irrigation network of Local Organization of Water Improvements (LOWI) were compiled and all the symbols used to display the elements of the network were created.

- In 2020, as part of the educational process of the course "Road construction I: Geometric design of roads", which was assigned to me (*as reflected in the table of the teaching project C2, p. 31*), I was trained in the road construction software "**DIOLKOS**", which had been procured by department of Surveying and Geoinformatics engineers.

- In 2020, as part of the training process for obtaining the UAV pilot license (*DRONE PRO – University of Thessaly Program*), I came into contact with **Pix4Dmapper**, IDRISI Selva and AgiSoft software. I didn't delve into it in depth until today, because of my PhD. As the Surveying and Geoinformatics department has, at my request, in a Regional Operational Program, procured a drone (*Albris sensefly*), I will seek to delve at least into the Pix4D, which the department has also procured. Only one graduate, as supervisor I had the opportunity to support (*the one with no. 92, of the table of graduates as supervisor, p.35*).

- Generally, I use **Photoshop**, **DEROS/Netist** (*for solving networks*) software.