Curriculum Vitae

Personal info

Moschos Vogiatzis
Assistant Professor, Land Surveying and Forest Cadastre



Off.: Lab of Engineering Sciences and Land Surveying, 3rd Floor, School of Agriculture Forestry and Natural Environment Building, P.O. Box 226, University Campus, 54124 Thessaloniki

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Sex: Male | Date of Birth: 08/09/1967 | Nationality: Greek

Education

Dates	**2017-2023**
Title of qualification awarded	PhD
Dissertation	«Land use/land cover multi-temporal analysis for land administration and natural ecosystems management of Mygdonia watershed using geographic information systems and remote sensing».
Academic Institute	University of Thessaly, School of Engineering, Department of Planning and Regional Development, Greece.
Dates	**1993-1995**
Title of qualification awarded	Master of Science
Thesis	«Multi-resource forest management incorporating geographic information systems and mathematical optimization»
Academic Institute	University of Florida, School of Forest Resources and Conservation 136 Newins-Ziegler Hall, P.O. Box 110410, Gainesville, FL, USA.
Dates	**1985-1990**
Title of qualification awarded	Ptychio
Academic Institute	Aristotle University of Thessaloniki, School of Forestry and Natural Environment

Research interests

- Forest Cadastre
- Forest Tenure and Property Rights
- Forestlands Information Systems
- Land Policy and Forest Governance
- Geospatial Web-based Applications for Land Services
- Satellite-based Earth Observation for Land Use/Land Cover Assessment and Monitoring
- Forest Resources and Natural Ecosystems Mapping using GIS

Teaching work

1. Teaching Lab exercises of courses «Forest Aerial Photography» and «Remote Sensing» (1991-1993), Lab of Forest Management and Remote Sensing, School of Forestry and Natural Environment, Aristotle University of Thessaloniki.
2. Lecture on «Forest Cadastre-Forest Maps», 2017. Joint Graduate Program «Cadastre: Legal, Technical and Environmental Dimensions, Aristotle University of Thessaloniki.
3. Lecture on «Forest Cadastre», 2004. Graduate Program «Cadastre: Legal, Technical and Environmental Dimensions, School of Forestry and Natural Environment, Aristotle University of Thessaloniki Aristotle University of Thessaloniki.

4. Teaching course «Forest Cadastre-Forest Maps» (2023-present). Joint Graduate Program «Cadastre: Legal, Technical and Environmental Dimensions, Dept. of Forestry and Natural Environment, Aristotle University of Thessaloniki Aristotle University of Thessaloniki.
5. Teaching course «Cadastre - Integrated Systems of Cadastre Development (2025-present). Graduate Program «Sustainable Management of Forest and Natural Ecosystems: Protection, Production and Developmen», Dept. of Forestry and Natural Environment, Aristotle University of Thessaloniki.
6. Teaching undergraduate courses (2024–present)::
   - Land Surveying
   - Forest Cadastre

Scholarships/Assistantships

1. Graduate assistantship, School of Forest Resources and Conservation, University of Florida, Gainesville, Florida, USA (1993-1995).
2. Shelley memorial scholarship, School of Forest Resources and Conservation, University of Florida, Gainesville, Florida, USA (1995).
3. State Scholarships Foundation, Greece (1992-1994).

Professional experience

Name and address of employer	**HELLENIC CADASTRE (former NATIONAL CADASTRE and MAPPING AGENCY or KTIMATOLOGIO S.A.)** **288 Mesogion Ave., 15562 Cholargos, Greece**
Type of business or sector	National Agency – Cadastre development and operations, and mapping services
Dates	**1/10/2010 – 24/09/2024**
Occupation or position held	**Director of Forest Maps and Mapping of Natural Environment**
Main activities and responsibilities	- Coordination and management of complex programs and projects with multiple stakeholders regarding forests, land use/land cover monitoring and nature protection, co-funded by EU or European Environmental Agency (EEA), with a portfolio >€100M (2010-2021). - Administration and management of multi-disciplinary staff (12 employees and up to 37 experts) and multiple contractors (>20). - Coordinator for cadastral Forest Maps development up to 100% of Greece completed 2019. - Design and development of web-based geospatial applications for land services regarding cadastral Forest Maps, land information content, electronic payments, and digital certificates provision. - Coordination and implementation of cadastral Forest Map 1st public notification ever implemented in Greece (2011) and consecutive web-based GIS Forest Maps information and services provision across Greece up to 100% (https://www.ktimatologio.gr/e-services/35). - Coordination for the development and operation of web-based GIS platform regarding Forest Maps public notification, claims and manifest error submission 2011-2024) (https://www.ktimatologio.gr/e-services/17). - Coordination and management of GMES/Copernicus Initial Operations (GIO) Land monitoring (2011-2013) and Copernicus Land Services (2017-2021) programs in Greece, funded by EEA. - Coordination and management of national program regarding assessment and monitoring of Natura2000 terrestrial habitats. - Design and development of web-based geospatial platform for Natura2000 protected sites viewing, https://www.ktimatologio.gr/e-services/27. - Design and development of web-based geospatial platform for Natura2000 sites provision of certificates regarding land parcel status, https://www.ktimatologio.gr/e-services/35. - Design and development of web-based geospatial platform for the assessment of informal residence buildings within forestlands: (https://www.ktimatologio.gr/e-services/34. - Chairman of 4 Independent Evaluation Committees regarding BIDs evaluation for contract award. - Coordination of Forest Service Districts and Spatial Planning Offices for cadastral Forest Maps development.

- Official representative to Ministry of Environment for Forest Maps development and authorization (2010-2014).
- Scientific and technical advice to the Hellenic Cadastre Administration regarding forests and cadastre.
- Legislative drafting of provisions of law No. 3889/2010 and No. 4164/2013 related to Forest Maps, protected sites of Natura2000 network and digital land services through internet.
- Reporting project progress and briefing to the Hellenic Cadastre Administration.
- Setting up working groups for programs and project implementation.
- Cooperation with professional and scientific bodies (Technical and Geotechnical Chambers of Greece for cadastre and Forest Maps development.

Dates	**01/04/2008 – 30/09/2010**
Occupation or position held	**Assistant Director of Regional Centre of Thessaloniki**
Main activities and responsibilities	- Assist in the Administration of Regional Center of Thessaloniki (37 employees: lawyers, surveyors, foresters and administrative staff). - Management of 6 cadastral forest mapping projects. - Coordination of Forest Service for cadastral forest mapping projects implementation. - Administrative support in the implementation of co-funded by 3rd CSF of EU project "Active Titles" in the region. - Chairman of 1 Independent Evaluation Committee (evaluation of BIDs submitted by private companies regarding multiple projects for contract award). - Chairman in multiple Evaluation Committees for purchases. - Scientific, technical and legal advisory regarding cadastre development in forestlands and environmental issues. - Supervision of 1 cadastral forest mapping contract.
Dates	**02/11/1998 – 31/03/2008**
Occupation or position held	**Forestry Supervisor**
Main activities and responsibilities	- Supervision of 19 projects/contracts regarding cadastral forest mapping and implemented by contractors (individuals or private companies): responsible for their complete implementation by contractors within the prescribed period, i.e., continuous monitoring of contracts, coordination of the contracts quality control, approval and acceptance, auditing, control and observance of their timetable, compliance with the technical specifications and approved guidelines in force, and coordination with the competent regional forest services throughout the country. - Management of "Delineation of Forests and Forestlands" program at national level (co-funded by 3rd CSF of EU) and 6 contracts with codes: D1-01, D1-02, D1-03, D1-04, D1-05 and D1-06. - Design and compilation of tender documents including technical specifications for public procurement of the above-mentioned program. - Design and compilation of technical specifications for historical digital orthophoto production. Member of 1 Independent Evaluation Committee (evaluation of BIDs submitted by private companies regarding the above-mentioned project for contract award). Scientific, technical and legal advisory regarding cadastre development in forestlands and environmental issues.
Name and address of employer	**ARCTUROS** 3 Rogoti, Thessaloniki 54624, Greece
Type of business or sector	NGO for the protection and management of wildlife and natural environment
Dates	**01/10/1997– 30/10/1998**
Occupation or position held	**Geographic Information Systems Specialist**
Main activities and responsibilities	- Development and management of GIS. - Development of spatial data. - Digital mapping of Brown Bear habitats in Greece. - Implementation of three Special Environmental Studies regarding protection and monitoring of Brown Bear habitats
Military service	**HELLENIC ARMY**
Corps	Engineers
Dates	26/03/1996 – 26/09/1997

Occupation or position held: Sergeant

Languages

Mother tongue: Greek

Other languages: English, French

Self-evaluation

Ευρωπαϊκό επίπεδο (*)

	Understanding			Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production		
English	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User	C2	Proficient User
French	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User	B2	Basic User

(*) Common European Framework of Reference for Languages

Additional Information

Research Projects

- Project ARCTOS, Phase II, 1997 - 1999. Management and Protection of the Habitats and Populations of Brown Bear (Ursus Arctos) in Greece. LIFE96NAT-GR3222, EU/DG11, ARCTUROS, Thessaloniki, Greece.

- Kilikidis S., A. Koumarianos, G. Fotis, X. Karamanlis, X. Vatsios, T. Kousouris, M. Karteris, T. Akriotis, M. Vogiatzis, O. Yannakou and I. Gitas, 1992. Evaluation of biotopes of 2nd Table of EC and investigation of their potential to be included under European law as especially protected areas in compliance with article 4, directive 79/409 for the conservation of wildlife, Min. of Public Works and Environment, Aristotle Univ. of Thessaloniki, Final Report, Vol. 1-8, 479pp.

Publications-Presentations-Seminars

1. Vogiatzis, M., 2026. Forest Maps and Cadastre, ISBN: 978-618-08-0995-4, Nomiki Vivliothiki, Athens, Greece, 208p. (in Greek).

2. Vogiatzis, M., 2025. Forest Maps and Cadastre: Consequences and Ownership, In Proc. 1st Conference Cadastre & Digital Property Management, ISBN 978-618-08-0844-5, pp. 147-152, Nomiki Vivliothiki, 25 June, Athens (in Greek)

3. Vogiatzis, M., 2024. Cadastral forest mapping for forest protection and tenure security, UNECE, Forest Information Billboard, Issue 2, June 2024, https://land.unece.org/forests/billboard/issue-4-2024#billboard_publications.

4. Vogiatzis, M., 2024. Cadastral forest mapping in support of cadastre and sustainable development, EuroGeographics, Webinar Series – Mapping Mountains and Forests, 29 Feb 2024.

5. Vogiatzis M. and K. Perakis, 2022. Land Use/Land Cover Mapping using Landsat-8 and Sentinel-2 in a Mediterranean Landscape, Land Surveying, Mapping and Remote Sensing, World Academy of Science, Engineering and Technology, September 2022, Prague.

6. Mallinis G., C. Chrysafis, C. Damianidis, M. Vogiatzis, V. Gannakopoulos and I. Dokas, 2022. Fuel type maps development for East Macedonia and Thrace Region, in northeastern Greece using passive and active Sentinel imagery, 9th ForestSAT 2022 Conference, Berlin, Germany.

7. Βογιατζής, Μ., 2017-2018. Ο ρόλος της ΕΚΧΑ Α.Ε. στην ανάρτηση Δασικών Χαρτών, «Αναρτήσεις Δασικών Χαρτών στους πέντε νομούς της ΚΜ», Ημερίδες: 26/01, 06/02, 23/02, 28/02 και 07/12/2017 και 14/03/2018, ΤΕΕ Κεντρικής Μακεδονίας-ΓΕΩΤΕΕ.
8. Βογιατζής Μ., 2017. Ο ρόλος της ΕΚΧΑ Α.Ε. στην Ανάρτηση Δασικών Χαρτών, Ημερίδα: «Δασικοί Χάρτες: Προβλήματα και Προτάσεις Αντιμετώπισης», 13 Μαρτίου 2017, ΤΕΕ-ΓΕΩΤΕΕ, Αθήνα.

9. Βογιατζής Μ., 2017. Δασικοί Χάρτες: Νομοθεσία-Ζητήματα-Συνέπειες, Ημερίδα Συλλόγου Διπλωματούχων Αγρονόμων Τοπογράφων Μηχανικών Βορείου Ελλάδος (ΣΔΑΤΜΒΕ), 25 Σεπτεμβρίου 2017, Θεσσαλονίκη.

10. Vogiatzis, M., 2016. Geospatial Data and Information in Support of Sustainable Development: The Role of National Mapping Agencies, International Symposium on Impact of Geospatial Information on Society and Economy, Geospatial World Forum, May 23-26, Rotterdam, The Netherlands.

11. Βογιατζής, Μ., 2016. Ο ρόλος της ΕΚΧΑ Α.Ε. ως εθνικού οργανισμού στη βιώσιμη ανάπτυξη της χώρας, «Η Χαρτογραφία σε ένα κόσμο που αλλάζει», 14ο Συνέδριο Χαρτογραφίας, ΧΕΕΕ, 2-4 Νοεμβρίου, Θεσ/νίκη.

12. Vogiatzis, M., 2015. The Integration of Land Tenure and Environmental Geospatial Data in Support of Land Administration and Sustainable Development, 2015 World Bank Conference on Land and Poverty, March 23-27, The World Bank, Washington DC, U.S.A.

13. Vogiatzis, M., 2014. A Forest Lands Information System in Support of Sustainable Development and Use of Forests, IUFRO 2014 Congress, 5-11 October, Salt Lake City, U.S.A.

14. Vogiatzis, M., 2012. Towards an Operative Environmental Cadastre System, FIG/UN ECE Workshop, 10-14 December, Athens, Greece.

15. Vogiatzis, M. and I. Tarnaras, 2012. Informal Settlements within Forest Areas in Greece, FIG/UN ECE Workshop, 10-14 December, Athens, Greece.

16. Vogiatzis, M. and E. Papoutsakis E., 2012. A Web-based GIS application for cadastral forest map suspension. In Proceedings: ESRI International User Conference, 22-26 July, San Diego, U.S.A.

17. Βογιατζής, Μ., Ν. Νίκου, Ε. Παπουτσάκης και Ε. Γρηγοροπούλου, 2012. Επικαιροποίηση των χερσαίων προστατευόμενων περιοχών του δικτύου Natura2000, 7ο Συνέδριο HellasGIs, 17-18 Μαΐου, Εθνικό Μετσόβιο Πολυτεχνείο, Αθήνα.

18. Vogiatzis, M., 2008. Cadastral Mapping of Forestlands in Greece: Current and future challenges, Photogrammetric Engineering and Remote Sensing, Vol. 74, No. 1, January 2008, pp. 39–46.

19. Vogiatzis, M., C. Karydas, T. Alexandridis, G. Zalidis and N. Silleos, 2008. An object-based approach for wetland and habitats inventory and assessment using ALOS AVNIR-2 and field data, ESA ALOS Symposium, Nov. 3-7, Rhodes, Greece.

20. Alexandridis, T. K., C. A. Topaloglou, I. Pardalis, G. Tsakoumis, M. Vogiatzis, A. Andrianopoulos, V. Takavakoglou, S. Vougioukas, D. Bochtis, G. C. Zalidis, and N. G. Silleos, 2008. Monitoring indicators for Mediterranean wetland and agricultural area using ALOS data. In Proceedings of ESA ALOS Symposium 2008, Nov. 3-7, Rhodes, Greece.

21. Βογιατζής, Μ. και Λ. Γ. Αρβανίτης, 1997. Διαχείριση δάσους πολλαπλών χρήσεων με την ενσωμάτωση ενός μοντέλου αριστοποίησης σε ένα γεωγραφικό σύστημα πληροφοριών. Πρακτικά Συνεδρίου "Χρήση και Αξιολόγηση των Γεωγραφικών Συστημάτων Πληροφοριών στη Δασοπονία", 8-9 Σεπ., Ινστιτούτο Δασικών Ερευνών, Βασιλικά, Θεσσαλονίκη, σελ. 99-110.

22. Carter, D.R., M. Vogiatzis, C. Moss, L. Arvanitis and D. Long, 1997. Ecosystem Management or Infeasible Guidelines? Implication of Adjacency Restrictions for Wildlife Habitat and Timber Production. Canadian Journal of Forest Research 27(8): 1302-1310.

23. Carter, D.R., M. Vogiatzis, L. Arvanitis, and C. Moss, 1996. The Integration of GIS and Optimization in Forest Management: An Application Examining Adjacency Constraints. In Proceedings: Redefining Roles in Forest Economics Research. Southern Forest Economics Workers Annual Conference, March 27-29, John Greene (ed.), p. 149-158.

24. Kilikidis S., A. Koumarianos, G. Fotis, X. Karamanlis, X. Vatsios, T. Kousouris, M. Karteris, T. Akriotis, M. Vogiatzis, O. Yannakou and I. Gitas, 1993a. Wetland of river Kalama (Thesprotia): Evaluation and investigation of its potential to be included under European law regarding especially protected areas. In Proc. (Greek): 3rd Conference of Environmental Science and Technology, Dept. Environment, Univ. Aegean, 6-9 Sep., T. Lekkas (ed.), Molivos Lesvou, Greece.

25. Kilikidis S., A. Koumarianos, G. Fotis, X. Karamanlis, X. Vatsios, T. Kousouris, M. Karteris, T. Akriotis, M. Vogiatzis, O. Yannakou and I. Gitas, 1993a. Wetland of Kalloni Gulf (Lesvos): Evaluation and investigation of its potential to be included under European law regarding especially protected areas. In Proc. (Greek): 3rd Conference of Environmental Science and Technology, Dept. Environment, Univ. Aegean, 6-9 Sep., T. Lekkas (ed.), Molivos Lesvou, Greece.

26. Kilikidis S., A. Koumarianos, G. Fotis, X. Karamanlis, X. Vatsios, T. Kousouris, M. Karteris, T. Akriotis, M. Vogiatzis, O. Yannakou and I. Gitas, 1993a. Wetland of Aliki and Chortarolimni Lakes (Limnos): Evaluation and investigation of its potential to be included under European law regarding especially protected areas. In Proc. (Greek): 3rd Conference of Environmental Science and Technology, Dept. Environment, Univ. Aegean, 6-9 Sep., T. Lekkas (ed.), Molivos Lesvou, Greece.

27. Kilikidis S., A. Koumarianos, G. Fotis, X. Karamanlis, X. Vatsios, T. Kousouris, M. Karteris, T. Akriotis, M. Vogiatzis, O. Yannakou and I. Gitas, 1993a. Wetland of river Sperchios (Fthiotida): Evaluation and investigation of its potential to be included under European law regarding especially protected areas. In Proc. (Greek): 3rd Conference of Environmental Science and Technology, Dept. Environment, Univ. Aegean, 6-9 Sep., T. Lekkas (ed.), Molivos Lesvou, Greece.

Member of Scientific Committees

- Member of Working Group of Geotechnical Chamber of Greece (GEOTEE) regarding Forest Mapping, Cadastre and Forest Inventory issues (2015).
- Member of National Committee «Nature 2000» for the conservation of habitats and wildlife in Greece (2014-2015), (No. 6825/203 Ministerial Decision, Ministry of Environment, Energy and Climate Change, Government Gazette 104/28-02-2014).
- Member of Working Group of Geotechnical Chamber of Greece (GEOTEE): Development of Strategic and Operational Plan for Cadastral Forest Mapping in Greece (2008-2009), Government Gazette 482/19-11-2008).
- Member of Scientific Committee of Geotechnical Chamber of Greece (GEOTEE) for Forest Resources System-Cadastre (2005-2010).
- Member of Inter-Scientific Committee of Technical Chamber of Greece (TEE) for National Cadastre Development (2004-2005): «Axes of Strategic Design and Operational Plan for National Cadastre Development».
- Member of Working Group of Technical Chamber of Greece (TEE) for the Evaluation of Operational National Cadastre (2004).
- Member of Working Group of Technical Chamber of Greece (TEE) for the Evaluation of Final Deliverables of National Cadastre Projects (2004).
- Member of Working Group of Technical Chamber of Greece (TEE) for the Evaluation and Exploitation of NSRF (National Strategic Reference Framework) EU funds in the period 2007–2013 (2004).

National Representation

- Member of IUFRO International Council (2014-2019).
- National Representative to European Environmental Agency for Land Use/Land Cover Monitoring and Forests (2011-2024).
- National Representative to European National Forest Inventory Network – ENFIN) (2020-2023)

Member of Scientific Associations

- Co-Founder of Hellenic Society of Geographical Information Systems (HellasGIs) in Greece.
- Member of Geotechnical Chamber of Greece