

## **CURRICULUM VITAE**

**Stefanos Tsiaras**

**PhD, MSc, MBA, Post-Doc**



**Dr Stefanos Tsiaras**  
**Associate Researcher**  
**Hellenic Agricultural Organization DIMITRA (ELGO-DIMITRA)**  
**Institute of Mediterranean Forest Ecosystems**  
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### **Research Interests**

- Forest production and the multifunctional role of forests
- Bioeconomy and circular economy in Forestry
- Forest Assessment and Evaluation of forest resources
- Forest Policy-Environmental Policy
- Sustainable development
- Development of Less Favoured Areas – Mountainous Areas
- Multiple Criteria Decision Analysis methods in Forest-Environmental Planning

### **Education / Academic Studies**

#### **First Degree (Bachelor of Science BSc) / Integrated Master of Science (MSc)**

Department: Forestry and Natural Environment

University: Aristotle University of Thessaloniki, Greece

Year: 2001

#### **Master of Science (MSc)**

Thesis Title: Financial situation approach of the members of agricultural forestry co-operative in Ritini Pierias

Department: Forestry and Natural Environment

University: Aristotle University of Thessaloniki, Greece

Year: 2003

#### **Doctor of Philosophy (PhD)**

Thesis Title: Sustainable Development perspectives in Pierion Municipality

Department: Forestry and Natural Environment

University: Aristotle University of Thessaloniki, Greece

Year: 2010

### **Master of Business Administration (MBA)**

Thesis Title: Multiple Criteria Decision Analysis for sustainable Agroforestry in a mountainous, less favoured area of Greece

Department: Interdepartmental Postgraduate Program

University: University of Macedonia, Greece

Year: 2018

### **Research Experience**

**02/02/2023-today:** Associate Researcher, Hellenic Agricultural Organization DIMITRA (ELGO-DIMITRA), Institute of Mediterranean Forest Ecosystems. Position: Forest Economy-Environmental Economics.

**2014-2015: Post-Doctoral Researcher in the Forest Research Institute of Thessaloniki.** Chief Researcher (Scientific Responsible), Project: Sustainable Development in Less Favoured Areas, Mountainous Areas. This research project was funded under the Action 'Research & Technology Development Innovation Projects (AgroETAK)', MIS453350, in the framework of the Operational Program 'Human Resources Development'. Co-funded by the European Social Fund and by National Resources through the National Strategic Reference Framework 2007–2013 (NSRF2007-2013), coordinated by the Hellenic Agricultural Organisation 'DEMETER' (Forest Research Institute of Thessaloniki/Scientific supervisor: Dr. Ioannis Spanos)

### **Teaching Experience (Academic Year: Teaching course, Department, University)**

- 2022-2023: Forest, Environmental Policy and Forest Law, Department of Forest and Natural Environmental Sciences, International Hellenic University
- 2022-2023: Demography and Natural Resources, Department of Environmental Sciences, University of Thessaly
- 2022-2023: Design, Implementation and Assessment of Environmental Programmes, Department of Environmental Sciences, University of Thessaly
- 2022-2023: Environmental Impact Assessment, Department of Environmental Sciences, University of Thessaly
- 2022-2023: Environmental Risk Assessment and Management, Department of Environmental Sciences, University of Thessaly
- 2021-2022: Forest, Environmental Policy and Forest Law, Department of Forest and Natural Environmental Sciences, International Hellenic University
- 2021-2022: Environment and Sustainable Development, Department of Environmental Sciences, University of Thessaly
- 2020-2021: Forest, Environmental Policy and Forest Law, Department of Forest and Natural Environmental Sciences, International Hellenic University
- 2020-2021: Environment and Sustainable Development, Department of Environmental Sciences, University of Thessaly
- 2019-2020: Forest, Environmental Policy and Forest Law, Department of Forest and Natural Environmental Sciences, International Hellenic University

- 2019-2020: Silviculture, Department of Forestry and Natural Environmental Management, Agricultural University of Athens
- 2019-2020: Agroforestry, Department of Forestry and Natural Environmental Management, Agricultural University of Athens
- 2018-2019: Decision Support Systems, Interdepartmental Postgraduate Program in Business Administration, University of Macedonia (Invited Lecturer, 1 Lecture, 3 hours)
- 2018-2019: Forest Policy I, School of Forestry and Natural Environment, Aristotle University of Thessaloniki (Invited Lecturer, 1 Lecture, 3 hours)
- 2017-2018: Forest, Environmental Policy and Forest Law, Department of Forestry and Natural Environment, Institute of Technology of Eastern Macedonia and Thrace
- 2017-2018: Organization & Administration of Forest Industries, School of Forestry and Natural Environment, Aristotle University of Thessaloniki
- 2017-2018: Forest Policy II, School of Forestry and Natural Environment, Aristotle University of Thessaloniki (Invited Lecturer, 3 Lectures, 9 hours)
- 2017-2018: Forest Policy I, School of Forestry and Natural Environment, Aristotle University of Thessaloniki (Invited Lecturer, 2 Lectures, 6 hours)
- 2007-2008: Forest and Environmental Policy, Department of Forestry and Natural Environment, Institute of Technology of Eastern Macedonia and Thrace
- 2004-2005: Forest Resource Planning and Management I, Department of Forestry and Natural Environment, Institute of Technology of Eastern Macedonia and Thrace
- 2004-2005: Research Methods & Thesis Writing, Department of Forestry and Natural Environment, Institute of Technology of Eastern Macedonia and Thrace

### **Professional Experience**

- 04/03/2022-01/10/2022: **freelancer (Forest Engineer-Environmentalist)**
- 1/02/2020-31/01/2022: **freelancer (Teaching Activities)**
- 13/06/2014-30/11/2016: **freelancer (Forest Engineer-Environmentalist)**
- 07/01/2016-07/03/2016: **External Specialist/Forest Engineer-Environmentalist. Scientific program:** «Determination of the exhibition material for the exhibit Natural History and Civilization, Lake Karla-Mavrovouni and the Information Center of Lake Karla
- 27/11/2008-31/03/2012: **freelancer (Forest Engineer-Environmentalist)**
- 24/11/2009-24/07/2010: **External Specialist/Forest Engineer-Environmentalist. Scientific Program:** Forest History Museum of Mainalo, Arkadia, Greece
- 21/09/2009-21/03/2010: **External Specialist/Forest Engineer-Environmentalist. Scientific program:** Creation of a "Mushroom Museum" in Grevena, Greece

### **Other Professional Experience as a Teacher (not in Higher Education - Universities)**

- 2022-2023: **Public Institution of Vocational Training of Aridaia**
- 2022-2023: **Public Institution of Vocational Training of Sidirikastro**
- 2021-2022: **Public Institution of Vocational Training of Aridaia**
- 2021-2022: **Public Institution of Vocational Training of Sidirikastro**

- 2020-2021: **Public Institution of Vocational Training of Aridaia**
- 2020-2021: **Public Institution of Vocational Training of Sidirikastro**
- 2020-2021: **Public Institution of Vocational Training of Giannitsa**
- 2019-2020: **Public Institution of Vocational Training of Aridaia**
- 2019-2020: **Public Institution of Vocational Training of Katerini**
- 2019-2020: **Public Institution of Vocational Training of Sidirikastro**
- 2018-2019: **Public Institution of Vocational Training of Aridaia**
- 2018-2019: **Firemen School of Ptolemaida**
- 2004-2005: **Public Institution of Vocational Training of Lagkadas**

### Scholarships - Awards

- 1997: **State Scholarships Foundation (IKY)** 1997 for the highest grade in the first year of the School of Forestry and Natural Environment, Aristotle University of Thessaloniki, academic year 1996-1997
- 2017: **3<sup>rd</sup> Award for the best presenting poster** in the International Workshop during the 18<sup>th</sup> Panhellenic Forestry Congress, Edessa 8-11 October 2017. Paper Title: "Environmental education for sustainable development: A theoretical framework of on line certified learning"
- 2018: **Extraordinary Presentation Award** during the International Conference GREDIT 2018, Skopje 22-25 March 2018. Paper Title: "Multicriteria analysis on Forest Policy in the European Union"

### Editorial Board Member in International Journals

1. *International Journal of Sustainable Agricultural Management and Informatics (IJSAMI)* <https://www.inderscience.com/jhome.php?jcode=ijsami>
2. *MIBES Transactions* <http://mibes.uth.gr/editorial-board.html>

### Other scientific activities

- Reviewer in several international journals i.e., 1) Forests, 2) Sustainability, 3) Energies, 4) Remote Sensing, 5) Journal of Sustainable Tourism, 6) International Journal of Tourism Research, 7) International Journal of Sustainable Agricultural Management and Informatics, 8) International Journal of Global Environmental Issues, 9) International Journal of Environmental Sustainability and Green Technologies, 10) International Journal of Agricultural Policy and Research, etc.

### Publications

#### In Peer Reviewed Journals

1. **Tsiaras, S.**, Chavenetidou, M., Koulelis, P.P., 2024. A multiple criteria decision analysis approach for assessing the quality of hardwood species used by Greek timber industries. *Folia Oecologica*, 51 (2): XXX (In press).

2. Koulelis, P., **Tsiaras, S.**, Andreopoulou, Z. (2023). Greece's Forest Sector—Evolving or Perpetually Declining? A short communication. *Forests* 14(12), 2331.
3. **Tsiaras, S.**, Domakinis, C. (2023). Use of GIS in Selecting Suitable Tree Crop Cultivation Sites in Mountainous Less Favoured Areas: An Example from Greece. *Forests* 14(6), 1210. Indexed in Scopus. Impact factor 2022 =2,9.
4. Koulelis, P., Solomou, A., Fassouli, V., **Tsiaras, S.**, Petrakis, P. (2022). Greece on a sustainable future. Reviewing constraints and practices regarding forest and water resources management, flora and fauna biodiversity. *International Journal of Agricultural Resources, Governance and Ecology*, Vol. 18, No 1/2, 38-54. Indexed in Scopus. CiteScore 2021 = 0,9.
5. Merachtsaki, D., **Tsiaras, S.**, Peleka, E., & Zouboulis, A. (2022). Selection of magnesium hydroxide coatings for corrosion mitigation in concrete sewer pipes by using multiple criteria decision analysis. *Environmental and Sustainability Indicators*, Vol. 13, 100168. Elsevier. Indexed in Scopus. CiteScore 2021 = 3,0.
6. Triantafyllidou E., **Tsiaras, S.**, Tsekouropoulos, G. (2021). Total Quality Environmental Management (TQEM): A Greek Academic Institution Case. *MIBES Transactions*, Vol.15, Issue 1, pp. 108-122. Indexed in EconLit, DOAJ.
7. Koulelis, P., Solomou, A., Fassouli, V., **Tsiaras, S.**, Petrakis, P. (2021). Greece on a sustainable future. Reviewing constraints and practices regarding forest and water resources management, flora and fauna biodiversity. *International Journal of Agricultural Resources, Governance and Ecology*, DOI: 10.1504/IJARGE.2021.10040743.
8. Raptis, D., Kazana, V., Stamatiou, C., Kazaklis, A., **Tsiaras, S.** (2021). Creating a spatial knowledge database for protective functions in sustainable forest management: the case of Greece. *International Journal of Sustainable Agricultural Management and Informatics*, Vol. 7, No. 2, pp. 111-128.
9. **Tsiaras, S.**, Koulelis, P., Tsiroukis, A., Spanos, I. (2020). The contribution of forests in regional development: the role of National Forest Strategy in Greece. *MIBES Transactions International Journal. Management of Innovative Business & Education Systems*. MTOL, Vol. 14, Issue 1, pp. 110-122.
10. **Tsiaras, S.**, Dragoslis, A. (2020). Selection of the Most Suitable Tree Species for Truffle Cultivation Using Fuzzy VIKOR and Fuzzy AHP: New Paths in Forest Policy Planning. *International Journal of Environmental Sustainability and Green Technologies*, 11(1), 74-91.
11. **Tsiaras, S.**, Samara, T. (2019). Selection of the most suitable tree species in urban areas based on their capability of capturing heavy metals. A Forest Policy approach. *International Journal of Sustainable Agricultural Management and Informatics*, Vol. 5, No. 1, pp.15-24.
12. **Tsiaras, S.**, Papathanasiou J. (2019). Decision Making under the scope of Forest Policy: Sustainable Agroforestry Systems in Less Favoured Areas. *International Journal of Sustainable Agricultural Management and Informatics*, Vol.4, No.3/4, pp.205-218.
13. **Tsiaras, S.** (2018). Assessing the impact of the economic crisis on regional development in Greece, focusing on the Forest Sector. *MIBES Transactions*

- International Journal. Management of Innovative Business & Education Systems*. MTOL, Vol. 12, Issue 1, pp. 175-185.
14. **Tsiaras, S.**, Andreopoulou, Z., Spanos, I. (2018). Sustainability indicators in Less Favoured Areas as a tool for Forest Policy Analysis. *Journal of Environmental Protection and Ecology*, 19 (4), 1926-1934.
  15. **Tsiaras, S.** (2018). Examining ground for implementation of Common Forestry Policy in the European Union: Opportunities and barriers. *Journal of Environmental Protection and Ecology*, 19 (3), 1175-1181.
  16. **Tsiaras, S.**, Kleidara, C., Koliouška, C., Varras, G. (2018). A theoretical framework for distance education with Forest Policy aspects. *Journal of Regional & Socio-Economic Issues*, 8 (S2), 58-64.
  17. Triantafillidou E., **Tsiaras, S.** (2018). Exploring entrepreneurship, innovation and tourism development from a sustainable perspective: Evidence from Greece. *Journal for International Business and Entrepreneurship Development*, 11 (1), 53-64.
  18. **Tsiaras, S.**, Samara, T., Spanos, I. (2017). Exploring Linkages among Land Use / Land Cover Change, Ecological Footprint and Sustainable Development. *Journal of Environmental Protection and Ecology*, 18 (3), 879-888.
  19. **Tsiaras, S.**, Spanos, I. (2017). Tree crops cultivation: a sustainable alternative for the development of mountainous, less favoured areas. *Journal of Environmental Protection and Ecology*, 18 (1), 271-281.
  20. **Tsiaras, S.** (2017). Exploring the impact of tourism to the sustainable development of mountain regions; implications of the climatic conditions. *International Journal of Agricultural and Environmental Information Systems, special issue on ICT for Sustainable Agri-environment*, Vol. 8, No. 1 pp. 14-28.
  21. **Tsiaras, S.**, Triantafillidou E., Katsanika E. (2016). Green marketing as a strategic tool for the sustainable development of less favoured areas of Greece: women's agrotourism cooperatives. *Int. J. Electronic Customer Relationship Management*, Vol. 10, No. 1, pp.54-64.
  22. **Tsiaras, S.**, Andreopoulou, Z. (2015). Sustainable development perspectives in a less favoured area of Greece. *Journal of Environmental Protection and Ecology*, Vol. 16, No. 1, pp. 164-172.
  23. **Tsiaras, S.**, Domakinis, C. (2015). Correlating mushroom habitats and geology in Grevena Prefecture (Greece) with the use of Geographic Information Systems (GIS). *International Journal of Agricultural and Environmental Information Systems*, Vol. 6 No. 2, 1-14.

#### **In International Conferences Proceedings (after peer-review – Full papers)**

1. **Tsiaras, S.**, Chavenetidou, M. (2023). Suitability evaluation of broadleaved wood for multiple uses with the application of PROMETHEE II method. 9th International Conference "Economics of Natural Resources and the Environment" (In Press).
2. **Tsiaras, S.**, Peleka, E., Zouboulis, A. (2021). Circular economy assessment in the European Union using a Multiple Criteria Decision Analysis approach. 5th EuChemS Conference on Green and Sustainable Forestry. 26th-29th September 2021. Virtual Conference Proceedings, 515-516.

3. **Tsiaras, S.**, Manakou, V. (2021). Assessing the performance of European Union countries on Sustainable Development Goal 15 "Life on Land". CEMEPE/SECOTOX 2021 Conference July 20-24, 2021. Conference Proceedings, 728-734.
4. **Tsiaras, S.** (2018). Sustainable decision making in Forest Policy planning: Tree crops cultivations in rural areas. 3<sup>rd</sup> International Conference "Productive reconstruction of Greece: Alternative Strategies". Kozani, 7-8 December 2018.
5. **Tsiaras, S.**, Jason Papathanasiou, George Tsiotras (2018). Multiple Criteria Analysis in Forest Policy planning: Sustainable Agroforestry in Less Favoured Areas. ICDSST - PROMETHEE DAYS 2018. 4th International Conference on Decision Support System Technology "Sustainable Data Driven, Evidence-based Decision Support. Applications to Environment and Energy Sector. 22-25 May 2018. Hellenic Centre for Marine Research, Heraklion, Crete, Greece. Proceedings Online.
6. Kleidara, C., Koliouka, C., **Tsiaras, S.** (2017). Environmental Education for Sustainable Development: A theoretical framework of on line certified learning. International Workshop "Information Technology, Sustainable Development, Scientific Network and Nature Protection" within the 18th Panhellenic Forestry Congress. 8-11 October 2017, Edessa, Greece. Congress Proceedings, 1672-1677.
7. **Tsiaras, S.**, Dragoslis, A., Papathanasiou, J. (2017). Fuzzy Multiple Criteria Analysis for selecting the optimum tree species for truffle cultivation in Greece. International Workshop "Information Technology, Sustainable Development, Scientific Network and Nature Protection" within the 18th Panhellenic Forestry Congress. 8-11 October 2017, Edessa, Greece. Congress Proceedings, 1361-1366.
8. Kalfagianni, A., Andreopoulou, Z., **Tsiaras, S.**, Tsekouropoulos, G. (2017). Assessment of the Internet Market in Greece; The case of Mushrooms and Truffles. In: Proceedings of the *6th International Symposium and 28th National Conference on Operational Research*. OR in the Digital Era - ICT Challenges. June 8-10, 2017, University of Macedonia, Thessaloniki, Greece. Session 11, Digital Economy, 135-139. ISBN: 978-618-5255-02-2.
9. **Tsiaras, S.** (2015). Assessing the environmental impact of mountain tourism. The case of Elatochori ski centre, Greece. *7th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2015)*. September 17-20, 2015 Kavala, Greece. CEUR Workshop Proceedings 1498, pp. 461-470.
10. **Tsiaras, S.**, Domakinis, C. (2013). Assessment of the relationship between forest habitats of mushrooms and geology in Grevena, Greece using Geographic Information Systems (GIS). 6th International Conference on Information and Communication Technologies in Agriculture, Food and Environment (HAICTA 2013). September 19-22, 2013, Corfu Island, Greece. Conference Proceedings in *Procedia Technology*, 8, 122-129

## Books

1. **Tsiaras, S.**, & Tsiroukis, A. (2023). Environment and Sustainable Development [Undergraduate textbook]. Kallipos, Open Academic Editions. <https://dx.doi.org/10.57713/kallipos-130>

## Book Chapters

1. **Tsiaras S.**, Andreopoulou Z. (2020). Forest Policy Evaluation in European Countries Using the PROMETHEE Method. In: Mladenović N., Sifaleras A., Kuzmanović M. (eds) Advances in Operational Research in the Balkans. Springer Proceedings in Business and Economics. Springer, Cham. pp. 95-109.
2. **Tsiaras, S.** (2019). Exploring the impact of tourism to the sustainable development of mountain regions; implications of the climatic conditions. In Management Association, I. (eds) Sustainable Tourism: Breakthroughs in Research and Practice, IGI Global, Hershey, PA, pp. 437-453.

## In International Conferences Books of Abstracts (after peer-review-Abstracts)

1. **Tsiaras, S.**, Samara, T. (2021). Urban Tree Species Evaluation in Thessaloniki, Greece, using the PROMETHEE Method. PROMETHEE DAYS 2021. University of Macedonia, Thessaloniki, Greece.
2. **Tsiaras, S.** (2019). Agri-environmental indicators in the European Union. A ranking of EU countries using the PROMETHEE method. 1st International Symposium on climate change and sustainable agriculture. Agricultural University, Plovdiv, Bulgaria. 14-15 November 2019. Book of Abstracts, pp. 72.
3. **Tsiaras, S.**, Andreopoulou, Z. (2018). Forest Policy Evaluation in European Countries using the PROMETHEE method. XIII Balkan Conference on Operational Research "OR in Balkans - Recent Advances". May 25-28, 2018, Belgrade, Serbia. Book of abstracts, pp. 45.
4. **Tsiaras, S.** (2018). Forest Policy measures for Regional Development: The multiple role of Agroforestry Systems. International Conference on Agricultural-food sector, New Technologies, Entrepreneurship, Local Development. Serres, 24-27 May 2018. Book of abstracts, pp. 19.
5. **Tsiaras, S.**, Andreopoulou, Z. (2018). Multicriteria Analysis on Forest Policy in the European Union. International Conference GREDIT 2018. 22-25 March 2018, Skopje, St Cyril and Methodius University, Technical Campus. Book of Abstracts, pp. 170.
6. **Tsiaras, S.** (2018). Common Forestry Policy in the European Union. Realistic scenario or utopia? International Conference GREDIT 2018. 22-25 March 2018, Skopje, St Cyril and Methodius University, Technical Campus. Book of Abstracts, pp. 85.
7. **Tsiaras, S.**, Samara, T., Spanos, I. (2017). Exploring linkages among land use change, ecological footprint and sustainable development. International U.A.B. - B.En.A. Conference Environmental Engineering and Sustainable Development". 25-27 May 2017, at the "1 December 1918" University of Alba Iulia. Book of abstracts, pp. 158.
8. **Tsiaras, S.**, Spanos, I. (2016). Tree crops cultivation: a sustainable alternative for the development of less favored mountainous areas. *6<sup>th</sup> International*



Conference "Protection of Natural Resources and Environmental Management: The main tools for sustainability" (Pronasem 2016). Book of Abstracts, pp. 71-72.

### Editorials in international journals

1. Andreopoulou, Z., **Tsiaras, S.**, Misso, R. (2018). Guest Editorial Preface. Special issue on "Agro-Environment, Informatics and Sustainable Development" - Part 1. *International Journal of Agricultural and Environmental Information Systems*, 9(4), v-vi.
2. Andreopoulou, Z., **Tsiaras, S.**, Misso, R. (2019). Guest Editorial Preface. Special issue on "Agro-Environment, Informatics and Sustainable Development" - Part 2. *International Journal of Agricultural and Environmental Information Systems*, 10(1), v-vi.
3. Andreopoulou, Z., **Tsiaras, S.**, Quaranta, G., Salvia, R. (2018). Editorial Note. Special Issue "An approach to the sustainability pillars: Studying Environment, Society and Economy for a better future". *Journal of Regional Socio-Economic Issues*, 8(S2), 6-8.

### Other Publications

- 19 publications in National Conferences Proceedings (after peer-review, in Greek)
- 2 publications in National journals (after peer-review, in Greek)

### Scopus: Tsiaras, Stefanos

<https://www.scopus.com/authid/detail.uri?authorId=56518213800>

### Google Scholar: Stefanos Tsiaras

<https://scholar.google.gr/citations?user=ejaT68AAAAJ&hl=el>

Research Gate: Stefanos Tsiaras <https://www.researchgate.net/profile/Stefanos-Tsiaras>

Orcid: Stefanos Tsiaras <https://orcid.org/0000-0003-0962-5341>

Web of Science: Tsiaras, Stefanos / Tsiaras, S.  
<https://www.webofscience.com/wos/author/record/O-5431-2019>



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