

## Spyros Tsiftsis, PhD

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### **Work:**

Department of Forestry and Natural Environment / International Hellenic University  
(Assistant Professor)

### **Education:**

- Department of Forestry and Natural Environment July / 1998 Bachelor's Degree – Aristotle University of Thessaloniki, GREECE (Five year program)
- School of Biology March / 2009 Doctorate – Aristotle University of Thessaloniki, GREECE [Thesis title: Tsiftsis, S., 2009. The Orchids (*Orchidaceae*) of E. Macedonia: Distribution, Ecology and High Conservation Value Areas. PhD thesis. Aristotle University of Thessaloniki (In greek with English summary)].

### **Languages:**

Greek (mother tongue); English (very well).

### **Interests:**

Systematic Conservation Planning, Botany, Ecology, Biogeography, Macroecology

### **Teaching Experience:**

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| 2000-2001<br>(1 semester)  | <b>Technological Educational Institute of Kavala – Department of Forestry</b><br>Undergraduate program: Laboratory assistant <ul style="list-style-type: none"><li>• Forest Botany III</li></ul>  |
| 2010-2011<br>(2 semesters) | <b>Technological Educational Institute of Kavala – Department of Forestry and Natural Environment Management</b><br>Undergraduate program: Research associate <ul style="list-style-type: none"><li>• Protected Natural Areas</li></ul>   |
| 2011-2012<br>(1 semester)  | <b>Technological Educational Institute of Kavala – Department of Forestry and Natural Environment Management</b><br>Undergraduate program: Research associate <ul style="list-style-type: none"><li>• Protected Natural Areas</li></ul>   |
| 2012-2013<br>(1 semester)  | <b>Technological Educational Institute of Kavala – Department of Forestry and Natural Environment Management</b><br>Postgraduate Program: Management of Water Resources in the Mediterranean <ul style="list-style-type: none"><li>• Protected Areas and Water Scarcity (Participation in the</li></ul> |

teaching of the course; I was teaching the topic "Species Distribution Models"

2013-2014  
(1 semester) **Eastern Macedonia & Thrace Institute of Technology – Department of Forestry and Natural Environment Management**

Postgraduate Program: Management of Water Resources in the Mediterranean

- Protected Areas and Water Scarcity (Participation in the teaching of the course; I was teaching the topic "Species Distribution Models")

2014-2015  
(1 semester) **Eastern Macedonia & Thrace Institute of Technology – Department of Forestry and Natural Environment Management**

Postgraduate Program: Management of Water Resources in the Mediterranean

- Protected Areas and Water Scarcity (Participation in the teaching of the course; I was teaching the topic "Species Distribution Models")

2018-May 2019 **Eastern Macedonia & Thrace Institute of Technology – Department of Forestry and Natural Environment Management**

Undergraduate program:

Forest Botany I

Forest Botany II

Protected Natural Areas

May 2019 - present **International Hellenic University – Department of Forestry and Natural Environment**

Undergraduate program:

Forest Botany II

Protected Natural Areas

### **Research Projects:**

3/2/2003-  
30/4/2004 **"Environment protection and sustainable development of sites of Natura 2000 – Mt. Falakro"** (Duties: Member of the research team, Funded: Hellenic Ministry of Environment, Scientific Coordinator: Assoc. Prof Merou Th., Technological Educational Institute of Kavala)

1/3/2005-  
31/12/2006 **"Effects of climatic conditions in the ecophysiology of the lethargy and viability of legume seeds"** (Duties: Member of the research team, Funded: Hellenic Ministry of Education – Project: Archimidis II, Scientific Coordinator: Assoc. Prof Merou Th.,

Technological Educational Institute of Kavala)

1/4/2014 - 30/12/2014 **"Monitoring and assessment of the conservation status of species of Community interest in Greece"** (Duties: Member of the research team, Funded: Ministry of Environment, Scientific Coordinator: Assoc. Prof. Georgiou K., National and Kapodistrian University of Athens, Faculty of Biology)

3/3/2015 - 31/12/2015 **"Monitoring and assessment of the conservation status of habitat types and plant species of Community interest within the area of the Management Body of Rodopi mountain-range National Park"**. (Duties: Member of the research team, Funded: OIKOM ΕΠΕ-Ministry of Environment, Scientific Coordinator: Assist. Prof. Ioannis Tsiripidis, Aristotle University of Thessaloniki, School of Biology)

**Skills:**

- Microsoft Office package
- Statistic packages (PASW Statistics 18, R)
- Mapping softwares (ARCGIS v.10.1, GlobalMapper v.10)
- Species Distribution Modelling (Maxent)
- Zonation

**Scientific publications:**

**Tsiftsis, S.**, Tsiripidis I. & Karagiannakidou, V. 2006. Study of the orchid flora of Mount Falakro (NE Greece). *Journal Europäischer Orchideen* 38(1):57-78.

**Tsiftsis, S.**, Karagiannakidou, V. & Tsiripidis, I. 2007. The orchid flora of East Macedonia (NE Greece). *Journal Europäischer Orchideen* 39(3/4):489-526.

Merou, Th., Fotiadis, G., **Tsiftsis, S.**, Vidakis, K., Vrachnakis, M., Tsiripidis, I. & Papanastasis, V. 2007. Fabaceae of north Greece, Herbs-Shrubs. Photo/Graphs Studio O.E., Drama, pp. 224.

**Tsiftsis, S.**, Tsiripidis I., Karagiannakidou, V. & Alifragis, D. 2008. Niche analysis and conservation of the orchids of east Macedonia (NE Greece). *Acta Oecologica-International Journal of Ecology* 33:27-35.

**Tsiftsis, S.**, Tsiripidis, I. & Karagiannakidou, V. 2009. Identifying areas of high importance for orchid conservation in east Macedonia (NE Greece). *Biodiversity and Conservation* 18(7): 1765-1780.

**Tsiftsis, S.** 2010. *Epipactis persica* subsp. *persica* (*Orchidaceae*), a new taxon for the flora of Greece. *Journal Europäischer Orchideen* 42(3/4):477-486.

Antonopoulos, Z., Bergfeld, D. & **Tsiftsis, S.** 2011. *Epipactis helleborine* subsp. *moratoria* Riech. & Zirnsack, a new subspecies for the flora of Greece. *Journal Europäischer Orchideen* 43(1):85-98.

**Tsiftsis, S.** & Antonopoulos, Z. 2011. *Pseudorchis albida*: an enigmatic orchid for the Greek flora. *Journal Europäischer Orchideen* 43(4):795-806.

**Tsiftsis, S.**, Tsiripidis, I. & Trigas, P. 2011. Identifying important areas for orchid conservation in Crete. *European Journal of Environmental Sciences* 1(2):28-37.

- Trigas, P., Karetos, G. & **Tsiftsis, S.** 2012. Reports 117-131. In: Vladimirov, V. & al. (comps), New floristic records in the Balkans: 18. – *Phytologia Balcanica* 18(1):86-88.
- Antonopoulos, Z. & **Tsiftsis, S.** 2012. *Epipactis purpurata* Sm. and *Epipactis leptochila* (Godf.) Godf. subsp. *neglecta* Kämpel (*Orchidaceae*), two new *Epipactis* taxa for the flora of Greece. *Ber. Arbeitskrs. Heim. Orchid.* 29 (1):81-99.
- Tsiftsis, S.**, Tsiripidis, I., Trigas, P. & Karagiannakidou, V. 2012. The effects of presence/absence vs. continuous suitability data on reserve selection. *European Journal of Environmental Sciences* 2(2): 125-137.
- Tsiftsis, S.**, Tsiripidis, I. & Papaioannou, A. 2012. Ecology of the orchid *Goodyera repens* in its southern distribution limits. *Plant Biosystems* 146:857-866.
- Trigas, P., **Tsiftsis, S.**, Tsiripidis, I. & Iatrou, G. 2012. Distribution patterns and conservation prioritization of the endemic flora of Peloponnese (Greece). *Folia Geobotanica* 47:421-439.
- Djordjević, V., **Tsiftsis, S.**, Jakovljević, K., Šinžar-Sekulić, J. & Vukojičić, S. 2012. First record of a natural hybrid *Neotinea* × *dietrichiana* (*Orchidaceae*) in Serbia. *Phytologia Balcanica* 18(2): 163-171.
- Merou, T.P., **Tsiftsis, S.** & Papanastasis, V.P. 2013. Disturbance and recovery in semi-arid Mediterranean grasslands. *Applied Vegetation Science* 16(3):417-425.
- Trigas, P., Panitsa, M. & **Tsiftsis, S.** 2013. Elevational Gradient of Vascular Plant Species Richness and Endemism in Crete – The Effect of Post-Isolation Mountain Uplift on a Continental Island System. *PLoS ONE* 8(3): e59425. doi:10.1371/journal.pone.0059425
- Grzyl, A., Rewicz, A. & **Tsiftsis, S.** 2013. New record of *Goodyera repens* (L.) R. Br. (*Orchidaceae*) on Przedborska Upland (Poland). *Life Science Journal* 10(4):2993-2995.
- Karamplianis, T., **Tsiftsis, S.** & Constantinidis, T. 2013. The genus *Crocus* L. (*Iridaceae*) in Greece: some noteworthy floristic records and their karyotypes. *Phytologia Balcanica* 19(1):53-66.
- Hertel, S., **Tsiftsis, S.** & Antonopoulos, Z. 2014. *Epipactis pinovica* (*Orchidaceae*), a new orchid species of Greece. *Journal Europäischer Orchideen* 46(3-4):701-714.
- Djordjević, V., **Tsiftsis, S.**, Lakušić, D. & Stevanović, V. 2016. Niche analysis of orchids of serpentine and non-serpentine areas: Implications for conservation. *Plant Biosystems* 150(4): 710-719.
- Tsiftsis, S.** 2016. Morphological variability of *Himantoglossum* s.s. (*Orchidaceae*) in Greece. *Phytotaxa* 245(1): 17-30.
- Djordjević, V., **Tsiftsis, S.**, Lakušić, D., Jovanović, S. & Stevanović, V. 2016. Factors affecting the distribution and abundance of orchids in grasslands and herbaceous wetlands. *Systematics and Biodiversity* 14(4): 355-370.
- Tsiftsis, S.** & Tsiripidis, I. 2016. Threat categories of the Greek orchids (*Orchidaceae*). *Botanika Chronika* 21:43-74.
- Drouzas, A., Charitonidou, M. & **Tsiftsis, S.** 2017. Chloroplast DNA variation in *Epipactis atrorubens* populations from northern Greece. *Botany Letters* 164(1):55-62.
- Giannakis, Th., Eleftheriadou, E., Theodoropoulos, K., **Tsiftsis, S.** & Tsandekidis, R. 2017. *Echinocystis lobata* (Michx.) Torr. & A. Gray. In: Von Raab-Straube, E. & Raus, Th. (ed.). *Euro+Med-Checklist Notulae*, 7. *Willdenowia* 47(1): 90-91.

- Kontsiotis, V., Zaimis, G., **Tsiftsis, S.**, Kourtsiadis, P. & Bakaloudis, D. 2017. Assessing the influence of riparian vegetation structure on bird communities in agricultural Mediterranean landscapes. *Agroforestry systems* <https://doi.org/10.1007/s10457-017-0162-x>
- Tsiftsis, S.** & Antonopoulos, Z. 2017. Atlas of the Greek Orchids, Vol I. Rethymno, Greece: Mediterraneo Editions.
- Antonopoulos, Z. & **Tsiftsis, S.** 2017. Atlas of the Greek Orchids, Vol II. Rethymno, Greece: Mediterraneo Editions.
- Tsiftsis, S.** & Djordjević, V. 2018. Habitat effects and differences in the reproductive success of *Orchis punctulata* and *Orchis purpurea* (Orchidaceae). *Turkish Journal of Botany* 42: 400-411.
- Tsiftsis, S.** 2018. Contribution to the orchid flora of mount Simvolos (E Macedonia - NE Greece). *Botanika Chronika* 22: 117-126.
- Katopodi, E. & **Tsiftsis, S.** 2018. Contribution to the knowledge of the orchid flora of Lefkas Island (Ionian Archipelago - Greece). *Botanika Chronika* 22: 127-143.
- Tsiftsis, S.**, Štípková, Z. & Kindlmann, P. 2019. Role of way of life, latitude, elevation and climate on the richness and distribution of orchid species. *Biodiversity and Conservation* 28(1):75-96.
- Tsiftsis, S.**, Djordjević, V. & Tsiropidis, I. 2019. *Neottia cordata* (Orchidaceae) at its southernmost distribution border in Europe: threat status and effectiveness of Natura 2000 Network for its conservation. *Journal for Nature Conservation* 48:27-35.
- Djordjević, V. & **Tsiftsis, S.** Patterns of orchid species richness and composition in relation to geological substrates. (Tuexenia - **accepted**)