

# CURRICULUM VITAE

## Personal Information:

Name: Sofia A. Spanou  
Current Position: EDIP, Section of Biology, Dept. of Biology, University of Patras,  
Greece  
Tel.: +302610 997770  
E-mail: [saspanou@upatras.gr](mailto:saspanou@upatras.gr)

## Education and training:

- 1990-1995, **B.Sc. in Biology**, Dept. of Biology, University of Patras. Greece

[Certificate in «*Ecology and Environmental Biology*» from the Biology Department of Patras University].

- 1996-1997, **Master of Science in «Conservation»**, University College London (U.C.L), England.
- 2005-2010, **PhD** in Biology-Ecology, Biology Department University of Patras, Greece.

## Research Interests

- Ecological evaluation, management and conservation of natural protected areas and species.
- Biodiversity and biomonitoring of plant species and habitats via G.I.S, Remote sensing and mapping of vegetation and habitat types.
- Applications of G.I.S in ecology and ecosystem management and conservation.
- Study on the natural ecosystems and habitats via contemporary methods (R, DECORANA, TWINSPAN, DCA etc.)

## Key Research Expertise

**May 2014 – Present:** EDIP Section of Plant Biology, Dept. of Biology, University of Patras.

**February 2002 – May 2014:** Research Biologist at the Botanical Garden of University of Patras, Greece.

**September 1997 – February 2002:** Scientific associate of the Plant section of the Biology dept., of University of Patras. During this time I have participated in numerous research projects.

## **Publications:**

- Georgiadis, G, Spanou, S., Kokkoris, I., Tiniakou, A., & Georgiadis, Th. (2014). Introducing an integrated monitoring system for natural ecosystems: The example of Strofilia wetlands in Western Peloponnese, Greece. *International Journal of Environmental Research*. 8(4): 1195-1202.
- Spanou, S., Tiniakou, A., & Georgiadis, Th. (2013). Exploring agroecosystem floristic and vegetation diversity in a Mediterranean Ecosystem. *Journal of Biodiversity and Environmental Sciences*. 3(3): 11-25.
- Spanou, S., Tsegenidi, K., & Georgiadis, Th. (2012). Perception of visitors' environmental impacts of ecotourism: A case study in the Valley of Butterflies protected area, Rhodes Island, Greece. *International Journal of Environmental Research*. 6(1): 245-258.
- Spanou, S., Aplada, E., Tiniakou, A., & Georgiadis, & Georgiadis, Th. (2010): Contribution to the study of the flora of Attiki (Greece), new records from the flora of the wider Athens International Airport area. *Botanika Chronika*. Vol. 20 –, pp. 83 - 98.
- Spanou, S., Tiniakou, A., & Georgiadis, Nikolaidis, V., & Georgiadis, Th. (2007): Comparative study of protected areas in Greece: The case-study of three littoral *Pinus pinea* forests. *Fresenius Environmental Bulletin*. Vol. 16 – No. 11a, pp. 1335-1344.
- Spanou S., Verroios G., Dimitrellos G., Tiniakou A., Georgiadis T., Anagnostopoulos A. (2007). Establishing a bio-monitoring program of plant species and habitats of the Mesogaia area (Athens, Greece): Baseline survey results. *Journal of Biological Research*, Vol. 8. pp. 159 – 166.
- Spanou, S., Verroios, G., Dimitrellos, G., Tiniakou, A., & Georgiadis, Th. (2006). The flora and vegetation of the sand dunes of western Greece. – *Willdenowia* 36: 36: 235-246.
- Spanou, S. (1997). «Factors Influencing the Regeneration of *Pinus pinea* in Greece: A Comparative Study» (M.Sc. Dissertation) for 'Conservation' Master's degree, University College London, September 1997.
- Spanou, S. (2010). «Ecological Evaluation and Creation of an innovative Biomonitoring programme for the broader area of Athens International Airport», PhD Thesis, Dept. of Biology, University of Patras, pp. 357.

## **Publications in conference proceedings:**

1. Verroios, G., Maroulis, G., Spanou, S., Dimitrellos, G., Theocharopoulos, M., Georgiadis Th., Tiniakou, A. & Anagnostopoulos, A.: Continuous biomonitoring programme of plant species and habitats of Athens International Airport broader area. 7<sup>th</sup> *Panhellenic Scientific Conference of the Hellenic Botanical Society, Alexandroupoli, 1-4 October 1998.*

2. Georgiadis Th., Panitsa M., Spanou S., Tiniakou A., Verroios G.: Bio-monitoring of selected plant species and habitat types of the Mesogaia area. *European Ecological Conference (EURECO), Chalkidiki, September 1999.*
3. Theodoros Georgiadis, Spanou Sofia, Tsegenidi Kyriaki & Kolezaki Maria: Study – Management and Recording of Valley of Butterflies, Rhodes, visitors’ profile. *6<sup>th</sup> Panhellenic Environmental Conference, Integrated Development and Environment, Thessaloniki, 01- 03 November 2004.*
4. S. Spanou, K. Tsegenidi, M. Kolezaki and Th. Georgiadis: A management, monitoring scheme for the Valley of Butterflies, Rhodes: Proposed revisions to the initial management plan. *Proceedings of the 9th International Conference on Environmental Science and Technology Rhodes Island, Greece, 1 – 3 September 2005.*
5. Spanou, S., Georgiadis Th. & Tiniakou, A.: A comparative study of sea coast *Pinus pinea* forests in Greek protected areas. *10<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Ioannina, 5-8 May 2005.*
6. Kyriaki Tsegenidi, Sofia Spanou, Maria Kolezaki and Theodoros Georgiadis: The use of visitor opinions in place marketing of protected areas: The case of the Valley of Butterflies, Rhodes Island, Greece. *46<sup>th</sup> Congress of the European Regional Science Association “Enlargement, Southern Europe and the Mediterranean”, University of Thessaly, Department of Planning and Regional Development, Volos, Greece, August 30<sup>th</sup> –September 3<sup>rd</sup> 2006.*
7. Kyriaki Tsegenidi, Sofia Spanou, Maria Kolezaki and Theodoros Georgiadis: Place marketing as a tool for sustainability and image reconstruction of an environmentally protected area: the contribution of visitors’ opinions. *CEMEPE International Conference, June 24 – 28, 2007, Skiathos island, Greece.*
8. Spanou, S., Verroios G., Livaniou-Tiniakou A., Georgiadis Th. & Anagnostopoulos A.: Continuous monitoring programme of plant species and habitats, with the use of GIS, for the area of Messogeia, Attiki. *5<sup>th</sup> Panhellenic Scientific Conference Hellas GIS, «Ceographic Information Systems, Environment and Development», National Technical University of Athens, Athens, 4-5 December 2008.*
9. Sofia Spanou, Argyro Tiniakou, Theodoros Georgiadis: Contribution to the study of the endemic flora of Attiki: The case study of Messogeia. *11<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Athens, 8 – 11 October 2009.*
10. Sofia Spanou, Argyro Tiniakou, Theodoros Georgiadis: Creation of an innovative biomonitoring programme for the broader Athens International Airport area. *5<sup>th</sup> HELECOS Conference. Patras, 7-10 October 2010.*
11. Athina Giakoumelou, Alexandra Katsouli, Sofia Spanou, Georgios Karris & Georgios Verroios: Vegetation mapping and ecological evaluation of Katastari saltmarshes. *5<sup>th</sup> HELECOS Conference. Patras, 7-10 October 2010.*
12. Spanou, S., Tiniakou, A. & Georgiadis, Th. (2011). Ecological status assessment of the wider Athens International Airport area based on plant-species indicators. *7<sup>th</sup>*

*International Congress of Systematic and Evolutionary Biology (ICSEB VII), Berlin, 21-27 February 2011.*

13. Sofia Spanou, Argyro Tiniakou, Theodoros Georgiadis: Contribution of GIS at the mapping and biomonitoring of plant species and habitats of Athens International Airport broader area. *12<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Rethymno, 29 September – 2 October 2011.*
14. Sofia Spanou, Argyro Tiniakou, Theodoros Georgiadis: Exploring the biodiversity of agroecosystems' flora and vegetation at Messogeia, Attiki. *6<sup>th</sup> HELECOS Conference, Athens, 7-10 October 2012.*
15. Sofia Spanou, Argyro Tiniakou: Exploring the vegetation diversity at the broader area of Messogeia Attiki. *8<sup>th</sup> Panhellenic Scientific Conference of Bioscientists, Hellenic Ecological Society, Patras, 18-20 October 2012.*
16. Georgiadis G., Tiniakou A., Spanou, S., Kokkoris I., Georgiadis Th.: Creation of an integrated biomonitoring programme for the monitoring of natural ecosystems: The case-study of Strofilia forest - Kotychi lagoon protected area. *13<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Thessaloniki, 3 –6 October 2013.*
17. Spanou, S., Tiniakou A.: Contribution to the study of the Orchid flora (family: Orchidaceae) of Attiki. *14<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Patras, 8 –11 October 2015.*
18. Anastassopoulou E., Verroios G., Roditis D., Spanou, S.: What spices are you collecting? *14<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Patras, 8 –11 October 2015.*
19. Rekouti E., Avramidis P., Spanou S., Vougiouklakis S., Mitsainas G.: Preliminary results on the architecture and use of burrow systems by Thomas' pine vole, *Microtus thomasi* (Rodentia: Arvicolinae). *15<sup>th</sup> International Conference on Rodent Biology, Rodens et Spaium, Olomouc, Czech Republic, 25-29 July 2016.*
20. Zachariadou A., Kougioumoutzis K., Papazoglou, E., Spanou S.: Heavy metals and plant diversity in the broader area of Lavreotiki, Attiki. *15<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Chania, 14-17 September 2017.*
21. Lampropoulou E., Kougioumoutzis K., Spanou S.: Elevation gradient of floristic diversity and composition in mount Panachaiko, Achaia. *15<sup>th</sup> Panhellenic Scientific Conference of the Hellenic Botanical Society, Chania, 14-17 September 2017.*
22. Σπανού Σ., Ζαχαριάδου Τ., Αναγνωστόπουλος Α.: Συνεισφορά στη μελέτη της χλωρίδας των Ορχεοειδών της Αττικής, στοιχεία από τον Διεθνή Αερολιμένα Αθηνών. 9ο Πανελλήνιο Συνέδριο Οικολογίας, Ελληνικής Οικολογικής Εταιρείας (HELECOS), Ηράκλειο, 4-7 Οκτωβρίου 2018
23. Ζαχαριάδου Α., Σπανού Σ., Κουγιουμουτζής Κ.: Καταφύγια στη Μεσόγειο: *Quercus ilex*. 9ο Πανελλήνιο Συνέδριο Οικολογίας, Ελληνικής Οικολογικής Εταιρείας (HELECOS), Ηράκλειο, 4-7 Οκτωβρίου 2018.
24. Μυλωνά Δ., Ρεβένα Μ., Σπανού Σ., Κόκκορης Ι., Κουγιουμουτζής Κ.: Εκτίμηση της κατάστασης κινδύνου εξαφάνισης του *Dianthus androsaceus*. 9ο Πανελλήνιο

Συνέδριο Οικολογίας, Ελληνικής Οικολογικής Εταιρείας (HELECOS), Ηράκλειο, 4-7 Οκτωβρίου 2018

25. Lampropoulou E., Spanou S., Kokkoris I., Dimopoulos P., Kougioumoutzis K.: Elevation gradient of phylogenetic and taxonomic beta diversity in mount Panachaiko. *9th Panhellenic Scientific Conference of the Hellenic Ecological Society (HELECOS)*, Iraklio, 4-7 October 2018.
26. Rekouti E., Avramidis P., Spanou S., Vougiouklakis S., Mitsainas G.: Burrow system architecture and use by Thomas' Pine Vole, *Microtus thomasi* (Rodentia: Arvicolinae). *6th International Conference of Rodent Biology and Management and 16th Rodens et Spatium Potsdam, Germany, 3-7 September 2018*.

## **Teaching activities**

### **Graduate level**

**Courses:** Plant Morphology and Anatomy, Vegetation Ecology, Geobotany

**Laboratory exercises:** Plant Biology I, Ecology II and Vegetation Ecology

### **Postgraduate level**

**Courses:** Biodiversity Evaluation and Biomonitoring of Species and habitats, Environmental planning and management of natural areas.

**Laboratory exercises:** training of postgraduate students in G.I.S applications.

## **Editing-Translation of books**

- Translation in Greek of two chapters (3 and 5) of the book "**Plant Systematics, Second Edition**" by Michael G. Simpson, 2017, UTOPIA Publications, Athens.
- Translation in Greek of the book "Patras University Campus, a photographic journey" by P. Lampropoulos, 2008, Pikramenos Editions, Patras.
- Editing and translation of the album "Pro-herbs, Herbs of the Greek nature", Ioannina 2008. Egnatia Epirus Foundation.

## **Reviewer in scientific journals:**

- *Environmental Management* (ISSN: 0364-152X), Springer.
- *Sustainability* (ISSN 2071-1050; CODEN: SUSTDE), Open access journal, MDPI (Multidisciplinary Digital Publishing Institute), Basel Switzerland.
- *Anatolia* (ISSN: 1303-2917), Taylor & Francis.
- *Current Issues in Tourism* (Print ISSN: 1368-3500 Online ISSN: 1747-7603), Taylor & Francis.

### **Scholarships and Awards:**

- During my studies in London (Sept. 1996 – Sept. 1997) I was a full-time scholar of British Council (British Council Chevening Scholarship).
- Scholarship within the frames of the Cooperation programme V/A INTERREG II Greece-Italy, 5.2 (Jan. – Sept. 2000).

### **Foreign Languages**

- English
- French