

CURRICULUM VITAE

Maria Sarika

Family name: Sarika

First name: Maria

Date of birth: 15/06/1961

Nationality: Greek

Occupational address: Section of Genetics and Biotechnology, Department of Biology,
National and Kapodistrian University of Athens (NKUA), 15784, Athens, Greece

Education:

Name of Institution	Period of Attendance		Degree / Certificate acquired *
	From	To	
National and Kapodistrian University of Athens (NKUA)	10/1983	10/1987	BSc Biology Degree
National and Kapodistrian University of Athens (NKUA)	12/1990	12/1999	Ph.D. Thesis (Department of Biology, NKUA, under the supervision of Prof. A. Yannitsaros)

Foreign Languages: English

Memberships:

Hellenic Botanical Society Greek

Hellenic Society for the Protection of Nature

Other skills: Computer literacy

Academic and Teaching Experience

- **2001:** Appointed *Lecturer* (under Presidential Decree 407/80) at the **Department of Environmental and Natural Resources Management, University of Ioannina**. Taught undergraduate courses in **Plant Ecology** and **Biodiversity and Nature Conservation**.
- **2001–2003:** Served as *Administrative and Technical Staff* in the **Section of Ecology & Systematics, Department of Biology, National and Kapodistrian**

University of Athens (NKUA). Contributed to the instruction of undergraduate laboratory courses in **Systematic Botany** and **Ecology**.

- **2003–2014:** Served as *Administrative and Technical Staff* in the **Section of Genetics and Biotechnology**, *Department of Biology, NKUA*. Participated in the instruction of practical undergraduate courses, including:
 - **Genetics** (*Department of Biology*)
 - **Introduction to Biology** (*Departments of Biology & Pharmacy*)
- **2009:** Appointed *Lecturer* (under Presidential Decree 407/80) at the **Department of Agricultural Biotechnology**, *Agricultural University of Athens*. Contributed to the instruction of practical undergraduate courses in **Systematic Botany**.
- **2014–Present:** *Teaching Assistant* in the **Section of Genetics and Biotechnology**, *Department of Biology, NKUA*. Involving in the instruction of practical undergraduate courses, including:
 - **Genetics** (*Department of Biology*)
 - **Biotechnology** (*Department of Biology*)
 - **Human Genetics** (*Department of Biology*)
 - **Introduction to Biology** (*Department of Pharmacy*)

Also contributes to the **theoretical instruction** of *Introduction to Biology* (*Department of Pharmacy*).

Research Interests

- Aquatic and hygrophilous plants (macrophytes) and other plant species: Identification, ecology, and phytogeography
 - Coastal and inland wetlands: Vegetation classification and habitat types
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Research and Training

- **June 1993** – Herbarium and Botanical Gardens, Uppsala University (Sweden): Verification of plant material identification from the genus *Callitriche*.
 - **March 1995** – Herbarium, Natural History Museum of Vienna (Austria): Collaboration with Dr. Riedl, Director of the Herbarium; study of aquatic and hygrophilous plant specimens.
 - **March 1995** – Botanical Institute Herbarium, University of Vienna (Austria): Collaboration with Dr. Till; guided tour of Halácsy's collection and study of various plant specimens.
 - **July 1995** – Marie-Victorin Herbarium and Montreal Botanical Garden (Canada): Collaboration with Dr. Brouillet; study of aquatic plant specimens.
 - **September 1995** – Botanical Institute Herbarium, Greenhouse, and Arboretum of the California Academy of Sciences (San Francisco, USA): Collaboration with Dr. Bartholomew; study of plant specimens.
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Research projects

Project Title	Implementation dates (start - completion)	Recipient / Contracting Entity	Responsibilities / Position in the project team
Inventory identification, evaluation and mapping of the habitat types and flora and fauna species in Greece	1994-1995	Ministry of the Environment, Urban Planning and Public Works of Greece Ministry of Agriculture, Greece	
Study for the mapping of the aquatic ecology in streams of Skourion and Olympiados. Analysis of biological markers.	1997-1998	TVX Hellas	
Recording the historical collections of dried specimens (herbarium) of the Botanical Museum of the University of Athens	1998-2000	General Secretariat of Research and Technology	
Virtual Museums	1999	General Secretariat for Research and Innovation	
Identification and description of habitat types in nature conservation areas	1999-2000	Ministry of the Environment, Urban Planning and Public Works of Greece	
Conservation management of Amvrakikos wetlands.	1999-2002	ETANAM - Development Agency for Amvrakikos Gulf S.A, Ministry of the Environment, Urban Planning and Public Works of Greece, ΟΙΚΟΣ ΕΠΕ. LIFE-NATURE.	Expert for sampling and identification of terrestrial and wetland plant species
For Open Forests-Conservation of priority Forests and Forest Openings in “Ethnikos Drymos Oitis” and “Oros Kallidromo” of Sterea Ellada. LIFE11	2013	Hellenic Society for the Protection of Nature	Expert for sampling and identification of terrestrial and wetland plant species
“Development of a large-scale spatial data infrastructure (1:5000) for the terrestrial protected areas of the Natura 2000 network in 147 SCIs και 111 SPAs in Greece”.	2014-2015	European Regional Development Fund, Hellenic Cadastre	Expert for identification of the terrestrial, wetland and riparian habitat types
MACRORIVER: Sampling and Analysis of river Macrophytes	2021-2023	Hellenic Centre of Marine Research	Expert of the BQE Macrophytes. Sampling and identification of macrophytes in intermittent and perennial river water bodies in Greece. Calculation of IBMR index

Project Title	Implementation dates (start - completion)	Recipient / Contracting Entity	Responsibilities / Position in the project team
«Supervision and Evaluation of the Conservation Status of terrestrial and wetland habitat types of community and national interest in Greece».	2024	Ministry of Environment and Energy, Greece	Expert for identification of terrestrial, riverine and wetland habitat types
«Sampling, sample analysis and evaluation of Biological Quality Elements (BQEs) (Rivers). Implementation of Article 8 of Directive 2000/60/EC»	2023-2025	I.A.CO Environmental & Water Consultants Ltd	Expert of the BQE Macrophytes. Sampling and identification of macrophytes in intermittent and perennial river water bodies in Cyprus. Calculation of IBMR index

Publications

1. **Sarika**-Hatzinikolaou M., Koumpli-Sovantzi L. & Yannitsaros A. 1994: *Myriophyllum alterniflorum* DC. (Haloragaceae), a new record for the Greek flora. - *Phyton* (Horn, Austria) 34(2): 243-246.
2. **Sarika**-Hatzinikolaou M., Koumpli-Sovantzi L. & Yannitsaros A. 1996: The vascular flora of Lake Kalodhiki (Ipiros, NW Greece). - *Webbia* 50 (2): 223-236. <https://doi.org/10.1080/00837792.1996.10670603>
3. **Sarika**-Hatzinikolaou M., Koumpli-Sovantzi L. & Yannitsaros A. 1997: Macrophytes in four Alpine Aquatic Ecosystems of N. Pindos (Ipiros, Greece). - *Phyton* (Horn, Austria) 37(1): 19-30.
4. **Sarika**-Hatzinikolaou M., Yannitsaros A. & Babalonas D. 2003: The macrophytic vegetation of seven aquatic ecosystems of Epirus (NW Greece). - *Phytocoenologia* 33(1): 93-151. DOI: 10.1127/0340-269X/2003/0033-0093
5. **Sarika** M., Dimopoulos P. & Yannitsaros A. 2005: Contribution to the knowledge of the wetland flora and vegetation of Amvrakikos Gulf, W Greece. - *Willdenowia* 35: 69-85. doi:10.3372/wi.35.35105
6. Zotos A., **Sarika** M., Lucas E. & Dimopoulos P. 2006: Notes on the ecology of *Ludwigia peploides* subsp. *modevidensis* a new floristic report for Greece and the Balkans. - *Journal of Biological Research* 5: 71-78. <http://www.jbr.gr>

7. **Sarika M.** 2012. Flora and vegetation of some coastal ecosystems of Sterea Ellas and eastern continental Greece. – *Lazaroa* 33: 65-99. doi:10.5209/rev_LAZA.2012.v33.40282
8. **Sarika M.**, Bazos I., Zervou S. & Christopoulou A. 2015. Flora and vegetation of the European-network "Natura 2000" habitats of Naxos island (GR4220014) and of nearby islets Mikres Kyklades (GR4220013), Central Aegean (Greece). *Plant Sociology* 52 (2): 3-56. doi: **10.7338/pls2015522/01**
9. **Sarika M.**, Christopoulou A., Zervou S. & Zikos A. 2018. Vegetation units of wetland and terrestrial habitats: the case study of Spercheios River and Maliakos Gulf (Sterea Ellas, Greece), a Natura 2000 Site. *Hacquetia* 17 (2): 189-220. DOI: 10.1515/hacq-2017-0017
10. **Sarika M.**, Papanikolaou A, Yannitsaros A, Chitos T, Panitsa M. 2019. Temporal turnover of the flora of lake islands: The island of Lake Pamvotis (Epirus, Greece). *Biodiversity Data Journal* 7: e37023. <https://doi.org/10.3897/BDJ.8.e48704>
11. Stefanidis K., **Sarika M.** & Papastergiadou E. 2019. Exploring environmental predictors of aquatic macrophytes in water-dependent Natura 2000 sites of high conservation value: Results from a long-term study of macrophytes in Greek lakes. *Aquatic Conservation: Marine and Freshwater Ecosystems* 29 (10): 1814-1814. <https://doi.org/10.1002/aqc.3036>
12. **Sarika M.**, Christopoulou A., Zikos A., Kazanis D. & Bazos I. 2020. Plant communities and habitat types in the protected area of Lake Pamvotis (Epirus, NW Greece). *Mediterranean Botany* 41 (2): 129-148. <https://dx.doi.org/10.5209/mbot.60833>
13. **Sarika M.**, Zikos A. (2020). Coastal Salt Marshes. In: Grigore, MN. (eds) *Handbook of Halophytes*. Springer, Cham. https://doi.org/10.1007/978-3-030-17854-3_7-1
14. Stefanidis K., Dimitrellos G., **Sarika M.**, Tsoukalas D. & Papastergiadou E. 2022. Ecological Quality Assessment of Greek Lowland Rivers with Aquatic Macrophytes in Compliance with the EU Water Framework Directive. *Water* 14 (18), 2771. <https://doi.org/10.3390>
15. **Sarika M.**, Zikos A. & Christopoulou A. 2023. Vegetation of the coastal dunes and wetland of Schinias National Park (NE Attika, Sterea Ellas, Greece). *Hacquetia* 22 (1): 1-46. DOI: 10.2478/hacq-2022-0013
16. **Sarika M.** 2024: *Apiaceae: Berula* (ed. 1). – In: *Flora of Greece Editorial Committee* (ed.), *Flora of Greece Volume 1*. – Athens: Hellenic Botanical Society; Berlin: Botanic Garden and Botanical Museum Berlin. <https://doi.org/10.3372/fog.v1.apia-beru.ed1>
17. **Sarika M.** 2024: *Apiaceae: Cicuta* (ed. 1). – In: *Flora of Greece Editorial Committee* (ed.), *Flora of Greece Volume 1*. – Athens: Hellenic Botanical Society; Berlin: Botanic Garden and Botanical Museum Berlin. <https://doi.org/10.3372/fog.v1.apia-cicu.ed1>

18. **Sarika M.** 2024: *Apiaceae: Helosciadium* (ed. 1). – In: Flora of Greece Editorial Committee (ed.), Flora of Greece Volume 1. – Athens: Hellenic Botanical Society; Berlin: Botanic Garden and Botanical Museum Berlin. <https://doi.org/10.3372/fog.v1.apia-helo.ed1>
19. **Sarika, M.** & Kotsabas, K. 2025. *Rorippa icarica*. *The IUCN Red List of Threatened Species* 2025: e.T229785613A229785825. <https://dx.doi.org/10.2305/IUCN.UK.2025-1.RLTS.T229785613A229785825.en>.
20. **Sarika, M.** 2025. *Oenanthe tricholoba*. *The IUCN Red List of Threatened Species* 2025: e.T226351055A226351463. <https://dx.doi.org/10.2305/IUCN.UK.2025-1.RLTS.T226351055A226351463.en>

Conference Announcements

1. **Sarika-Chatzinikolaou M.**, Koumpli-Sovantzi L. & Giannitsaros A. 1992: Preliminary research on the aquatic and hygrophilous flora of Epirus. – *Proceedings of the 12th Congress of the Hellenic Botanical Society*, Mytilene, April 1990: 196–198.
2. Giannitsaros A., Koumpli-Sovantzi L., Kotoulas G., Lazaris A., Bazos G., Pantazis G. & **Sarika M.** (in press): Contribution to the study of the flora of alpine wetlands of Mount Tymfi (Epirus). – *Proceedings of the 13th Congress of the Hellenic Botanical Society*, Heraklion, May 1991.
3. **Sarika-Chatzinikolaou M.**, Koumpli-Sovantzi L. & Giannitsaros A. 1993: New data on the distribution of some rare hydrophytes in Greece. – *Proceedings of the 15th Panhellenic Congress of the Hellenic Botanical Society*, Florina-Kastoria, April 1993: 135–137.
4. **Sarika-Chatzinikolaou M.**, Giannitsaros A. & Koumpli-Sovantzi L. 1994: Floristic research of Lake Pamvotis. – *Proceedings of the 16th Panhellenic Congress of the Hellenic Botanical Society*, Volos, May 1994: 2.10–2.14.
5. **Sarika-Chatzinikolaou M.**, Koumpli-Sovantzi L. & Giannitsaros A. 1994: The flora of alpine wetlands of Northern Pindos. – *Abstracts of the 5th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Delphi, October 1994: 25.
6. **Sarika-Chatzinikolaou M.**, Babalonas D. & Giannitsaros A. 1998: Phytosociological study of helophytic vegetation in aquatic ecosystems of Epirus. – *Proceedings of the 7th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Alexandroupoli, October 1998: 134–141.
7. **Sarika M.**, Dimopoulos P. & Giannitsaros A. 2002: Contribution to the study of the flora and vegetation of the wetlands of the Amvrakikos Gulf. – *9th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Argostoli, Kefalonia, May 2002.

8. Giannitsaros A., **Sarika M.** & Chitos Th. 2005: The flora of the island in Lake Pamvotis. – *Proceedings of the 10th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Ioannina, May 2005.
9. **Sarika M.** 2005: Aquatic and hygrophilous flora of Greece: A bibliographic review and addition of new data. – *Proceedings of the 10th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Ioannina, May 2005.
10. **Sarika M.** & Radea K. 2009: Environmental response of characteristic species and plant communities of the class *Potamogetonetea* Klika in Klika et Nývák 1941 in lakes of mainland Greece. – *Proceedings of the 11th Panhellenic Scientific Congress of the Hellenic Botanical Society*, Athens, October 2009.
11. **Sarika M.**, Bazos I., Zervou S. 2012: Contribution to the study of vegetation in Natura 2000 network areas of Naxos and the Small Cyclades. – *Abstracts of the 6th Panhellenic Congress of Ecology*, Athens, October 4–7, 2012: 227.
12. Christopoulou A., Zikos A., Kazanis D., Bazos I., **Sarika M.** 2016: Monitoring and evaluation of the conservation status of Habitat Types in the area of responsibility of the Management Body of Lake Pamvotis. – *Abstracts of the 8th Panhellenic Congress of Ecology*, Thessaloniki, October 20–23, 2016: 380.
13. **Sarika M.**, Zikos A. & Christopoulou A. 2019. Sand-dune and wetland vegetation of Schinias National Park (NE Attica, Greece): preliminary results. In: Bareka P., Giannantonio D. & Kamari G. (Eds.) *XVI Optima Meeting Abstracts*, 2-5 October 2019. Athens, Greece.
14. **Sarika M.**, Zikos A. & Christopoulou A. 2025. Aquatic plant communities rarely occurring in freshwater habitats of Greece. – *Abstracts of 17th International Symposium on Aquatic Plants*, Lisbon, Portugal, 15-19 September 2025.

Other Publications

1. **Sarika-Chatzinikolaou M.**, 1999. *Floristic and phytosociological research of aquatic ecosystems in Epirus*. PhD Dissertation. Athens, 495 pages.
2. **Sarika M.** & Giannitsaros A., 2009: *Cicuta virosa* L. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 1: 272–273. – Patras.
3. **Sarika M.** & Giannitsaros A., 2009: *Hippuris vulgaris* L. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 90–92. – Patras.
4. **Sarika M.** & Giannitsaros A., 2009: *Sagittaria sagittifolia* L. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 271–272. – Patras.
5. **Sarika M.**, 2009: *Sparganium angustifolium* Michx. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 317–318. – Patras.

6. **Sarika** M. & Giannitsaros A., 2009: *Typha laxmanii* Lepechin. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 350–351. – Patras.
7. **Sarika** M. & Giannitsaros A., 2009: *Utricularia australis* R. Br. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 354–356. – Patras.
8. **Sarika** M. & Giannitsaros A., 2009: *Utricularia gibba* L. In: Phitos D., Constantinidis T. & Kamari G. (eds.): *The Red Data Book of Rare and Threatened Plants of Greece*, Volume 2: 357–358. – Patras.

Technical Reports

Delipetrou P., Dimitriadis I., Zikos A., **Sarika** M., Georghiou K. 2015. Base study and interannual variation of temporary pond (3170*) communities in Mt. Oiti and Mt. Kallidromo. Part A: Flora and Vegetation. Deliverable A.3.1.a for the project LIFE11 NAT/GR/2014 - ForOpenForests. National and Kapodistrian University of Athens - HSPN, 67 p.

Delipetrou P., **Sarika** M., Michopoulos P., Karetsos G. 2015. Mountain grassland composition, structure and ecology in Mt. Oiti and Mt. Kallidromo. Deliverable A.5.1. for the project LIFE11 NAT/GR/2014 - ForOpenForests. Hellenic Agricultural Organization Dimiter- Institute of Mediterranean Forest Ecosystems and Forest Products Technology, National and Kapodistrian University of Athens - HSPN, 64 p.

Student aids

1. Writing the notes for the course "Biodiversity and Nature Conservation". Department of Environmental and Natural Resources Management, University of Ioannina.
2. Writing notes for the laboratory exercise "Macrophyte Flora and Vegetation of Aquatic Ecosystems" within the course "Surface Water Ecosystems". Department of Biology (Department of Ecology and Taxonomy), University of Athens.
3. Participation in the translation of the book *Limnology - Lake and River Ecosystems* (Wetzel 2001) which is used as a teaching manual for the course "Surface Water Ecosystems". Department of Biology (Department of Ecology and Taxonomy), University of Athens.

Further activity

- Peer reviewer for the scientific journals: *Journal of Coastal Conservation*, *Plants*, *Water*, *Acta Botanica Croatica*, *Journal of Biological Research*, *Saudi Journal of Biological Sciences*.
- Quest Editor for the journal *Land*