



# Panagiotis Georgiakakis

Date of birth: 1 Jul 1975 | **Nationality:** Greek | **Gender:** Male |  
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## ● EDUCATION AND TRAINING

2005 – 2009 – Greece

**PHD DISSERTATION** – University of Crete, School of Sciences and Engineering, Department of Biology

### Field(s) of study

◦ Natural sciences, mathematics and statistics : *Natural environments and wildlife* | *Biology*

**Thesis:** Geographical and elevational distribution, acoustic identification and ecology of Cretan bats

2000 – 2003 – Greece

**M.SC. IN MANAGEMENT OF TERRESTRIAL AND MARINE RESOURCES.** – University of Crete, School of Sciences and Engineering, Department of Biology

### Field(s) of study

◦ Natural sciences, mathematics and statistics : *Biology* | *Natural environments and wildlife*

**Thesis:** Feeding ecology of the bats of Crete

9,3

1994 – 2000 – Greece

**B.SC. IN BIOLOGY** – University of Athens, School of Science, Department of Biology

## ● WORK EXPERIENCE

CURRENT – Iraklio, Greece

**FREELANCE BIOLOGIST - ECOLOGIST**

**I have participated in many wildlife and research and conservation projects. A selection is being presented here:**

Participation (as chiroptera expert) in the preparation of the Conservation Plan for the NATURA 2000 site "Mammari-Deneia" (Cyprus). Beneficiary: Oikos Ltd., Athens. 2007-08

Participation (as chiroptera expert) in the Project: "Qualitative and Quantitative approach to the fauna of small mammals in the NATURA 2000 sites in Cyprus". Research Promotion Foundation, Cyprus. Beneficiary: Cyprus Wildlife Society. Partner: Natural History Museum, University of Crete. 2007-09

Participation (as chiroptera expert) in the Project: "Preparation of an Integrated Management Plan for the Pafos Forest" as expert in Chiroptera. Contractor: D. Tsiaras - D. Palaskas - "KALLISTO", Thessaloniki, Greece. 2009-10

Participation (as chiroptera expert) in the Project: "Assessment of bat fatalities at wind energy facilities in north-eastern Greece during the period July 2008 August 2010". WWF Greece, co-financed by the A.G. Leventis Foundation. 2009-10

Participation (as chiroptera expert) in the Project: Life+ CENT.OLI.MED. – LIFE 07 NAT/IT/000450 «Identification and conservation of the high nature value of ancient olive groves in the Mediterranean

region». Coordinating beneficiary: Istituto Agronomico Mediterraneo di Bari, Associated beneficiary: Mediterranean Agronomic Institute of Chania. 2009-12

Professional, scientific and technical activities | Greece

## **FREELANCE BIOLOGIST - ECOLOGIST (CONTINUED)**

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Participation in the Project "Study of Chiroptera in the National and Transboundary Prespa Park (PP). Financing: Society for the Protection of Prespa. 2010

Study of the bat fauna of Skyros Island, with emphasis in the NATURA 2000 site "Oros Kohylas, GR2420006". Financing: Hellenic Ornithological Society. 2010-11

Participation (as chiroptera expert) in the Project: "Ecological Assessment of the mount. Taygetos for the Conservation of Biodiversity". Beneficiary: "VIOSFAIRA", non-governmental, non-profit organization. Financing: European Economic Area (in the frame of the project "Forest restoration in the mount. Parnonas and Conservation Directives for the Mount. Taygetos in Lakonia area", beneficiary: Greek Biotope/Wetland Centre). 2010-11

Participation (as chiroptera expert) in the Project: Life+ ICOSTACY - LIFE 09 NAT/CY/000247 «Improving the conservation status of fauna species in Cyprus: From microhabitat restoration to landscape connectivity». Coordinating beneficiary: Environment Service, Ministry of Agriculture, Natural Resources and Environment of Cyprus. Associated beneficiary: Natural History Museum of Crete, Univ. of Crete. 2011-14

Participation (as bat expert) in the "Monitoring and Assessment of Fauna Species of Community Interest" projects in various areas of Greece (under the framework of "The Operational Programme "Environment & Sustainable Development"" - National Strategic Reference Framework 2007-2013. 2013-15

Manager of the project: LIFE13 INF/GR/000188 (LIFE Natura2000ValueCrete). Coordinating beneficiary: University of Crete (Natural History Museum of Crete). 2017-18

Contractor of the project "Biospeleological study of the inventory and protection of the cave fauna" of the Anydrides Nymph Caves in the Kaiafa Lake area. Contracting Authority: Ephorate of Paleoanthropology - Speleology, Ministry of Culture and Sports. 2018

Participation in the Managing Committee of the COST Action: Climate change and bats: from science to conservation (CLIMBATS). 2018-

Participation (as post-doc researcher) in the project "Bats and their relationship to water availability and quality in the Mediterranean sub-basin", Aristotle University of Thessaloniki, Greece. Funded by: the General Secretariat for Research and Innovation (GSRI) and Hellenic Foundation for Research and Innovation (HFRI), Greece. 2019-20

Participation (as bat expert) in the LIFE-NATURE project "Greek Caves and Bats: Management Actions and Change of Attitude" (LIFE17 NAT/GR/000522 - LIFE GRECABAT). Coordinator Beneficiary: University of Crete - Natural History Museum of Crete, associated beneficiaries: Ministry of Environment and Energy, Green Fund, Hellenic Institute of Speleological Research and ATEPE Ecosystem Management Ltd. 2019-

## **FREELANCE BIOLOGIST - ECOLOGIST (CONTINUED)**

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Participation (as bat expert - subcontractor) in the LIFE IP project "Managing the NATURA 2000 network in Cyprus and shaping a sustainable future" (LIFE18 IPE/CY/000006 - LIFE Physis). Action A4 - Compile Action Plans for species and habitats of Community Interest. 2020-21

Participation (as bat expert) in the LIFE IP project "Integrated actions for the conservation and management of Natura 2000 sites, species, habitats and ecosystems in Greece" (LIFE16 IPE/GR/000002 - LIFE IP 4 NATURA). Action C7: Establishment of conservation objectives and measures for SACs. 2021-22

Contractor of the project "Inventory and monitoring of bats in the SACs of the Natura 2000 Network within the jurisdiction of the Thermaikos Gulf Protected Areas Management Authority". 2021-23

Contractor of the project "Inventory and monitoring of chiroptera in the area of jurisdiction of the Koroneia, Volvi and Chalkidiki Management Authority and actions for their conservation". 2021-23

## ● PUBLICATIONS

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### I have published my research in the following articles:

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Dimalexis A. et al. 2007. The status of Eleonora's Falcon (*Falco eleonora*) in Greece. *Journal of Ornithology*, 149, 1: 23-30

Grivas C., Xirouchakis S., Christodoulou C., Carcamo-Aboitiz B. **Georgiakakis P.** and Probonas M. 2008. An audio-visual nest monitoring system for the study and manipulation of siblicide in bearded vultures *Gypaetus barbatus* on the island of Crete (Greece). *Journal of Ethology*, 27:105-116

Benda P., **Georgiakakis P.**, et al. 2009. Bats (Mammalia: Chiroptera) of the Eastern Mediterranean and Middle East. Part 7. The bat fauna of Crete, Greece. *Acta Soc. Zool. Bohem.* 72: 105-190.

**Georgiakakis P.**, Vasilakopoulos P, Mylonas M. and Russo D. 2010. Bat species richness and activity over an elevation gradient in mediterranean shrublands of Crete. *Hystrix It. J. Mamm.* (n.s.) 21, 1: 43-56.

**Georgiakakis P.** and Russo D. The unique structure of social calls by Hanaki's dwarf bat *Pipistrellus hanaki*. *Acta Chiropterologica* 14(1): 167-174.

**Georgiakakis P.**, Kret E., Cárcamo B., Doutau B., Kafkaletou- Diez A., Vasilakis D. and Papadatou E. Bat fatalities at wind farms in north-eastern Greece. *Acta Chiropterologica* 14(2): 459-468.

**Georgiakakis P.**, Kaidatzi S. and Benda P. 2012. Morphometrics of *Myotis blythii* from Crete: A taxonomic transition or an island effect? *Vespertilio* 16: 139-147

Scaravelli D., Priori P., **Georgiakakis P.** 2015. *Brachytarsinia flavipennis* (Diptera, Streblidae) on *Rhinolophus blasii* (Mammalia, Rhinolophidae) in the Island of Crete. *Natura Rerum* 3 (2013-2014): 35-36

Bilgin R. et al., 2016. Circum-Mediterranean Phylogeography of a Bat Coupled with Past Environmental Niche Modelling: A New Paradigm for the Recolonization of Europe? *Molecular Phylogenetics and Evolution*, 99: 323-336.

Aizpurua O. et al. 2017. Agriculture shapes the trophic niche of a bat preying on multiple pest arthropods across Europe: evidence from DNA metabarcoding. *Molecular Ecology*, DOI: 10.1111/mec.14474

**Georgiakakis P.**, Poursanidis D., Kantzaridou M., Kontogeorgos G. and Russo D. 2018. The importance of forest conservation for the survival of the range-restricted *Pipistrellus hanaki*, an endemic bat from Crete and Cyrenaica. *Mammalian Biology* 93 (2018) 109-117

Xirouchakis S. M. et al. 2019. The diet of the Eleonora's falcon (*Falco eleonora*) in the Aegean archipelago (Greece). *Journal of Natural History*, 53:29-30, 1767-1785

Gurun K. et al. 2019. A continent-scale study of the social structure and phylogeography of the bent-wing bat, *Miniopterus schreibersii* (Mammalia: Chiroptera), using new microsatellite data. *J Mammal*, 100, 6

Wright et al. 2020. Hydrogen isotopes reveal evidence of migration of *Miniopterus schreibersii* in Europe. *BMC Ecol* 20:52

## I have contributed to the following books

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Legakis A. and Maragou P. (Editors). 2009. The Red Book of the Threatened Animals of Greece (To Kokkino Vivlio ton Apeiloumenon Zoon tis Elladas). Hellenic Zoological Society, Athens. 528 pp. (in Greek).

Valakos S., Pafilis P., **Georgiakakis P.**, Papamichael G., Lymperakis P., Simou Ch. and Taxeidis K. 2012. Natural History of Lesvos. 2. Wild mammals (Fisiki Istoria tis Lesvou. 2. Agria thilastika). National Kapodistrian University of Athens, Natural History Collection of Vrisa, Lesvos. Mytelene, 224 pp (in greek).

**Georgiakakis P.**, Benda P. 2020. Hanák's Pipistrelle *Pipistrellus hanaki* Hulva et Benda, 2004. In: Russo D. (Ed). Handbook of the Mammals of Europe: Chiroptera. Springer International Publishing.

Pafilis P. (Editor). 2020. The fauna of Greece – Biology and Conservation of Wild Animals. Brocken Hill Publishers. 932 pp. (contribution to the chapter of mammals)

Russ J. 2021. Bat Calls of Britain and Europe: A Guide to Species Identification. Pelagic Publishing. 432 pp. (contribution in several chapters).

## ● CONFERENCES AND SEMINARS

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### I have presented my research in numerus national and international cogresses:

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Galanaki K., **Georgiakakis P.**, Lyberakis P. and Mylonas M. 2005. Roosting ecology of *Rhinolophus ferrumequinum* (MAMMALIA: CHIROPTERA) in Crete, Greece (poster presentation). 10th European Bat Research Symposium, Galway Ireland, 21-26 August.

**Georgiakakis P.**, Kapli P., Antoniou A., Haspilidis K. & Mylonas M. 2009. Molecular evaluation of the sub-specific status of *Rhinolophus ferrumequinum creticus* (Mammalia: Chiroptera) on Crete (poster presentation). 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Irakleio, Crete, 21-25 September 2009.

**Georgiakakis P.**, Mylonas M. and Russo D. 2009. Seasonal variation of foraging activity and habitat use by bats of Crete (oral presentation). 11th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions. Irakleio, Crete, 21-25 September 2009.

Jahelková H., **Georgiakakis P.**, et al. 2010. The variability of echolocation and social calls of cryptic pipistrelles across the Western Palaearctic (poster presentation). In: The Conference Manual, 15th International Bat Research Symposium. 23-27 August 2010, Prague, 369pp. (Horáček I. and Benda P., eds.): p.183.

Bilgin R. et al.. 2010. The Distribution of Genetic Diversity of the Bent-winged Bat, *Miniopterus schreibersii*, in Europe and Anatolia (oral presentation). In: The Conference Manual, 15th International Bat Research Symposium. 23-27 August 2010, Prague, 369pp. (Horáček I. and Benda P., eds.)

**Georgiakakis P.**, Demetropoulos S., Nikolaou H., Lymperakis P., Mylonas M. and Demetropoulos A. 2010. Study on the distribution of Chiroptera and their shelters on Cyprus (oral presentation). 5th Greek Ecological Congress "Ecological Processes in Space and Time". 7-10 October 2010, Patras, Greece.

Dubourg-Savage M. J. et al. 2011. Pattern of bat fatalities at wind turbines in Europe comparing north and south. Poster presentation. Conference on wind energy and wildlife impacts, 2-5 May 2011, Trondheim, Norway. Norwegian Institute for Nature Research.

Santos H. et al. 2013. Bat fatality patterns at wind turbines in southern Europe (poster presentation). 3rd International Berlin Bat Meeting: 1 - 3 March 2013, Berlin, Germany.

## Conferences and seminars (continued)

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Kostaki S., **Georgiakakis P.**, Trichas A. 2016. Comparative analysis of stomach content of six bat species killed in windfarms of Thrace (poster presentation). 8th Congress of the Hellenic Ecological Society (HELECOS-8), Thessaloniki, 20-23 October 2016.

Salvarina I., Perivolioti T.-M., **Georgiakakis P.**, Kalcounis-Rueppell M., Bobori D. 2019. Bat activity in relation to landscape cover associated with lakes in Greece. 14th ICZEGAR-Thessaloniki 27-30th June 2019

Papamichail G., **Georgiakakis P.**, et al. 2021. LIFE GRECABAT: Management actions for caves and bats in Greece. 10<sup>th</sup> panhellenic Conference of Ecology 14-17 October 2021 (online)

Karoumbali M, Kafkaletou-Diez A, **Georgiakakis P.**, Mitsainas GP. 2021 Seasonal study of Chiroptera in the drainage tunnels of Panagopoula, Achaia. 10<sup>th</sup> panhellenic Conference of Ecology 14-17 October 2021 (online)

Restelli M, Anagnostopoulou A, Kiamos N, **Georgiakakis P.** 2021. The use of low cost automatic sound recorders in bat fauna surveys: examples from the Pinovo - Tzena and Agrafa mountain areas 10<sup>th</sup> panhellenic Conference of Ecology 14-17 October 2021 (online)

Kafkaletou Diez A., **Georgiakakis P.**, Paragamian K, Nikoloudakis I. 2021. Long-term bat monitoring and passive ultrasound detectors: the example of the Tzani cave in the Lefka Ori, Chania. 10<sup>th</sup> panhellenic Conference of Ecology 14-17 October 2021 (online)

Hatzirvassanis V., Papamichail G, **Georgiakakis P.**, Paragamian K, Arapis T. 2021. LIFE GRECABAT: Educational activities that offer enlightenment on a dark subject. 10<sup>th</sup> panhellenic Conference of Ecology 14-17 October 2021 (online)

## ● REVIEWING ACTIVITY

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### I have acted as a reviewer in the following Journals:

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- Behavioural Processes
- International Journal of Wildland Fire
- Mammalia
- Mammalian Biology
- Remote Sensing in Ecology and Conservation

## ● NETWORKS AND MEMBERSHIPS

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### I am member of the following scientific organizations

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- Hellenic Zoological Society (member of the Steering Committee)
- UNEP/EUROBATS (Scientific Focal Point of Greece)
- IUCN Species Survival Commission - Chiroptera Specialist Group (Commission Member)

● **LANGUAGE SKILLS**

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Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C1	B2	B2	C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

● **DIGITAL SKILLS**

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**Software and internet**

Google Docs | Microsoft Word | Social Media | Microsoft Excel | Skype | Zoom | Microsoft Powerpoint | Google Drive | Sound Analysis Software | Microsoft Office | Geographic Information Systems | Open Office | R Studio | Internet user | Gmail

**Work and collaboration**

Motivated | Responsibility | Team-work oriented | Detail-Oriented | Reliability | Good time management | Presenting | Critical thinking | Research and analytical skills | Flexibility

● **DRIVING LICENCE**

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**Driving Licence:** B

● **ORGANISATIONAL SKILLS**

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**During my work and research experience I have gained valuable organizational skills:**

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- I have advised numerous students of the University of Crete and Patras in the dissertations
- I have acted as coordinator in Research projects
- I have acted as member of national and international organizations

● **COMMUNICATION AND INTERPERSONAL SKILLS**

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**During my work and research experience I have gained important communication skills:**

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- I have given to the public several speeches on the biology, ecology and conservation of bats and caves
- I have presented the results of my scientific research in many national and international congresses
- I have collaborated with many Greek colleagues and companies in the field of nature conservation
- I have collaborated with many European universities and we have published the results of our research in high quality journals and congresses.

- **FIELDWORK SKILLS**

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**During my training and work experience I have gained important fieldwork skills:**

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Caving (exploration including single rope technique, mapping, cave photography etc), wildlife trapping (bats, birds, reptiles), wildlife photography, recording and analysing animal sounds, camping.