

Personal Information

Name & Surname: Sinos GIOKAS

Birth date: 18/03/1967

Place of Birth: Metamorphosis, Attica, Greece

Working address: University of Patras, Department of Biology, Section of Animal Biology, GR 26500, Patras, Greece.
Tel: +30-2610-969218, E-mail: sinosg@upatras.gr, Web Page: <https://evolecol.upatras.gr/>

Current Position

Professor of Evolutionary Ecology (Section of Animal Biology, Department of Biology, University of Patras)

Research Interests & Expertise

- My research focuses on the interplay between ecological and evolutionary processes. Specifically, my research interests embrace the study of the evolutionary ecology of terrestrial animals, focusing in speciation and diversification processes by investigating population genetics & molecular phylogenetics, and the evolution of morphological, ecological, behavioral and physiological traits and adaptations.
- Furthermore, I am strongly interested in the processes shaping the assemblages of insular biotas, and affecting biodiversity patterns of terrestrial animals, using up-to-date approaches of ecological & historical biogeography.
- I have ample experience in field ecological research. Since 1987 I have participated in numerous collecting expeditions in mainland Greece and in more than 80 islands and islets of the Aegean and Ionian Sea.
- I have high expertise in the assembly and analysis of molecular, ecological and morphological data.

Education

1990-1996: PhD thesis, Department of Biology, National & Kapodistrian University of Athens.

1989-1990: Postgraduate training, 1) *Applications of Biotechnology in the agricultural sector*. Organization/Funding: EL.KE.PA. 2) *Environmental protection techniques*. Organization: General Secretariat for Youth & Hellenic Society for the Protection of Nature. Funding: European Community Fund.

1984-1988: BSc, Department of Biology, National & Kapodistrian University of Athens.

Scholarships & Awards

2022: European Union / Natura 2000 Awards. 1st prize for the Conservation on Land Award “Adaptation of Eleonora's falcon to climate change”.

1999: European Union/Marie Curie Individual Fellowships -TMR – Access to Large-scale Facilities. The Natural History Museum, London, UK Competitive scholarship for post-doc researchers.

1999-2001: Greek State Scholarship Foundation. Department of Biology, National & Kapodistrian University of Athens. Competitive scholarship for post-doc researchers.

1990-1993: Academy of Athens. Competitive scholarship for PhD students.

1985-1988: Greek State Scholarship Foundation. Successive competitive awards for my degrees among the undergraduate students of the Biology Department of the National & Kapodistrian University of Athens.

Academic & Professional Career

Since 2020: Professor of Evolutionary Ecology (Section of Animal Biology, Dept of Biology, University of Patras)

2016-2020: Associate Professor of Biodiversity & Evolution of Terrestrial Animals (Section of Animal Biology, Dept of Biology, University of Patras)

2011-2016: Assistant Professor of Biodiversity & Evolution of Terrestrial Animals (Section of Animal Biology, Dept of Biology, University of Patras)

2005-2011: Lecturer of Biodiversity of Terrestrial Invertebrates (Section of Animal Biology, Dept of Biology, University of Patras)

2002-2005: Research fellow (Section of Zoology – Marine Biology, Department of Biology, University of Athens)

1999-2002: Contract Lecturer (Department of Biology, University of Crete)

1999: Post-doctoral researcher (The Natural History Museum, London – EU Fellowship)

1998-2001: Post-doctoral researcher (Dept. of Biology, National & Kapodistrian University of Athens – National Fellowship)

Academic Teaching & Supervising Experience

Teaching and supervising experience (since 1996), in the Biological Departments of the Universities of Athens, Crete and Patras.

- **Under-graduate courses:** 1) Animal Biology I, 2) Ethology, 3) Biogeography, 4) Biodiversity & Conservation Biology. **Post-graduate courses:** 1) Sampling, Data Analysis & Ecological Models, 2) Biodiversity assessment & monitoring of species & habitats.
- **Supervision** of 7 PhD, 17 MSc & 28 undergraduate theses. **Advisory** of 13 PhD, 24 MSc & 59 undergraduate theses. **Evaluation** of 13 PhD theses.

Peer Reviewed Publications

- 68 Serratosa J, ... Evangelidis A, ... Kassara C, Barboutis C, ... **Giokas S**, ... Hadjikyriakou TG, ... Jones VR (2024) Tracking data highlight the importance of human-induced mortality for large migratory birds at a flyway scale. *Biological Conservation* 293: 110525.
- 67 Karris G, Xirouchakis S, Poirazidis K, Voulgaris M-D, Tsouroupi A, Sfenthourakis S, **Giokas S** (2024) Aspects of Breeding Performance of Scopoli's Shearwater (*Calonectris diomedea*): The Case of the Largest Colony in Greece. *Diversity* 16 (3):150.
- 66 Rekouti E, Avramidis P, **Giokas S**, Vougiouklakis S, Spanou S, Mitsainas GP (2023). Designers of Nature's Subterranean Abodes: Insights into the Architecture and Utilization of Burrow Systems of Thomas' Pine Vole, *Microtus thomasi* (Rodentia: Arvicolinae). *Life* 13(12): 2276.
- 65 Androulidaki P-A, **Giokas S** (2023). Age structure and reproductive pattern of the rock-dwelling land snail *Albinaria arcadica* along an elevational gradient. *Journal of Conchology* 44 (5).
- 64 Kassara C, Bairaktaridou K, Maximiadi M, Akriotis T, **Giokas S**, Psiloglou B.E, Barboutis C (2023). Water visitation patterns by Eleonora's Falcon at its breeding grounds: a case study using visual observations and camera traps. *Ethology, Ecology & Evolution* 35: 698-715.
- 63 Páll-Gergely B, Mumladze L, Grego J, **Giokas S** (2023). The genus *Acicula* W. Hartmann, 1821 in the Caucasus (Gastropoda: Caenogastropoda: Aciculidae). *Zootaxa* 5239 (4):451–476.
- 62 Kassara C, Evangelidis A, Tsiopelas N, Barboutis C, **Giokas S** (2022). Seasonal and daily activity patterns by Eleonora's Falcon *Falco eleonora* based on GPS telemetry: A contribution to the species' movement ecology at its breeding grounds. *Bird Conservation International* 32: 154-171.
- 61 Dailianis S, Charalampous N, **Giokas S**, Vlastos D, Efthimiou I, Dormousoglou M, Cocilovo C, Faggio C, Shehu A, Shehu J, Lyberatos G, Ntaikou I (2021). Chemical and biological tracking in decentralized sanitation systems: The case of artificial constructed wetlands. *Journal of Environmental Management* 300: 113799.
- 60 Nourani E, Bohrer G, Becciu P, Bierregaard RO, Duriez O, Figuerola J, Gangoso L, **Giokas S**, Higuchi H, Kassara C, Kulikova O, Lecomte N, Monti F, Pokrovsky I, Sforzi A, Therrien J-F, Tsiopelas N, Vansteelant WMG, Viana DS, Yamaguchi NM, Wikelski M, Safi K (2021). The interplay of wind and uplift facilitates over-water flight in facultative soaring birds. *Proceedings of the Royal Society B: Biological Sciences* 288: 20211603.
- 59 Thanou E, Kypraios-Skrekas V, Kornilios P, **Giokas S** (2021). Ecomorphological divergence and lack of gene flow in two sympatric Balkan slow worms (Squamata: Anguillidae). *Biological Journal of the Linnean Society* 134: 443-460.
- 58 **Giokas S**, Maximiadi M, Kassara C, Alexandrou O, Catsadorakis G (2020). Mixed-Species Flock Fishing in Dalmatian Pelicans: Patterns and Benefits. *Ardea* 108: 65-72.
- 57 Georgopoulou P, Faulwetter S, Tzortzakaki O, **Giokas S** (2020). Towards an educational program for promoting children's awareness of urban bird diversity. *Educational Journal of the University of Patras UNESCO Chair* 7: 141-157.
- 56 Hadjikyriakou TG, Kassara C, de Roland L-AR, **Giokas S**, Tsiopelas N, Evangelidis A, Thorstrom R, Kirschel ANG (2020). Phenology, variation in habitat use, and daily activity patterns of Eleonora's falcon overwintering in Madagascar. *Landscape Ecology* 35: 159-172.
- 55 Tsarpali V, Kassara C, Barboutis C, Papadimitraki M, Kloukinioti M, **Giokas S**, Dailianis S (2020). Assessing the seasonal and intrinsic variability of neurotoxic and cyto-genotoxic biomarkers in blood of free-living Eleonoras' falcons. *Science of The Total Environment* 711: 135101.
- 54 Tzortzakaki O, Papadatou E, Kati V, **Giokas S** (2019). Winners and losers in an urban bat community: a case study from southeastern Europe. *Hystrix, the Italian Journal of Mammalogy* 30: 134–140.
- 53 Kassara C, Bairaktaridou K, Kakalis E, Tsiopelas N, **Giokas S**, Barboutis C (2019). Activity patterns of Eleonora's falcons during the pre-breeding period: the role of habitat composition on the island of Antikythira. *Avocetta* 43: 5-11.
- 52 Sulikowska-Drozd A, Apostolopoulou K, **Giokas S**, Maltz TK, Schilthuisen M (2019). Viviparous reproduction in the land snail *Idyla* (Pulmonata: Clausiliidae) from Greece: a disadvantageous inheritance? *Journal of Molluscan Studies* 85: 262-270.
- 51 Tzortzakaki O., Kati V., Panitsa M, Tzanatos E, **Giokas S** (2019). Butterfly diversity along the urbanization gradient in a densely-built Mediterranean city: Land cover is more decisive than resources in structuring communities. *Landscape & Urban Planning* 183: 79-87.
- 50 Ntislidou C, Radea C, **Giokas S**, Pusch MT, Lazaridou M, Bobori DC (2018). Rediscovery of the endemic gastropod *Dianella schlickumi* (Gastropoda, Hydrobiidae) and its discrimination from *Dianella thiesseana*: environmental correlates and implications for their conservation. *Nature Conservation* 27: 35-58.
- 49 Mettouris O, Pitta E, **Giokas S** (2018). Breeding-migration patterns and reproductive dynamics of two syntopic newt species (Amphibia, Salamandridae) at a temporary pond in southern Greece. *Hydrobiologia* 819: 1-15.
- 48 Tzortzakaki O, Kati V, Kassara C, Tietze D, **Giokas S** (2018). Seasonal patterns of urban bird diversity in a Mediterranean coastal city: the positive role of open green spaces. *Urban Ecosystems* 21: 27-39.

- 47 Kassara C, Gangoso L, Mellone U, Piasevoli G, Hadjikyriakou TG, Tsiopelas N, **Giokas S**, López-López P, Urios V, Figuerola J, Silva R, Bouten W, Kirschel A.N.G, Virani, MZ, Fiedler W, Berthold P, Gschweg M (2017). Current and future suitability of wintering grounds for a long-distance migratory raptor. *Scientific Reports* 7(1): 8798.
- 46 Karris G, Xirouchakis S, Grivas C, Voulgaris MD, Sfenthourakis S, **Giokas S** (2017). Estimating the population size of Scopoli's Shearwaters (*Calonectris diomedea*) frequenting the Strofades islands (Ionian Sea, western Greece) by raft counts and surveys of breeding pairs. *North-Western Journal of Zoology* 13: 101-108.
- 45 Papageorgiou D, Barboutis C, Kassara C, **Giokas S** (2017). Habitat selection of woodchat shrikes *Lanius senator* during spring stopover is related to foraging strategy. *Current Zoology* 63: 139-149.
- 44 Mettouris O, **Giokas S** (2017). Predatory behaviour of alpine (*Ichthyosaura alpestris*) and smooth (*Lissotriton vulgaris*) newts towards conspecific and heterospecific eggs and larvae. *Ethology Ecology & Evolution* 29: 397-409.
- 43 Mettouris O, Dalmyras D, **Giokas S** (2017). Influence of temperature on female, embryonic and hatchling traits in syntopic newts, *Ichthyosaura alpestris* and *Lissotriton vulgaris*. *Journal of Thermal Biology* 63: 24-30.
- 42 Harbi K, Makridis P, Koukoumis C, Papadionysiou M, Vgenis T, Kornaros M, Ntaikou I, **Giokas S**, Dailianis S (2017). Evaluation of a battery of marine species-based bioassays against raw and treated municipal wastewaters. *Journal of Hazardous Materials* 321:537-546.
- 41 Radea C, Parmakelis A, **Giokas S** (2016). *Myrtoessa hyas*, a new valvatiform genus and a new species of the Hydrobiidae (Caenogastropoda, Truncatelloidea) from Greece. *ZooKeys* 640: 1-18.
- 40 Mettouris O, Megremis G, **Giokas S** (2016). A newt does not change its spots: using pattern mapping for the identification of individuals in large populations of newt species. *Ecological Research* 31: 483-489.
- 39 Kornilios P, Stamataki E, **Giokas S** (2015). Multiple reversals of chirality in the land snail genus *Albinaria* (Gastropoda, Clausiliidae). *Zoologica Scripta* 44: 603-611.
- 38 Kotsakiozi P, Parmakelis A, Aggeli IK, Gaitanaki C, **Giokas S**, Valakos ED (2015). Water balance and expression of heat-shock proteins 70 in *Codringtonia* species, a study within a phylogenetic framework. *Journal of Molluscan Studies* 81: 24-36.
- 37 Pitta E, Kassara C, Tzanatos E, **Giokas S**, Sfenthourakis S (2014). Between-island compositional dissimilarity of avian communities. *Ecological Research* 29: 835-841.
- 36 Baalbergen E, Helwerda R, Schelfhorst R, Castillo Cajas RF, van Moorsel CHM, Kundrata R, Welter-Schultes F, **Giokas S**, Schilthuizen M (2014). Predator-prey interactions between shell-boring beetle larvae and rock-dwelling land snails. *PLOS One* 9 (6): e100366.
- 35 Thanou E, **Giokas S**, Kornilios P (2014). Phylogeography and genetic structure of the slow worms *Anguis cephalonica* and *Anguis graeca* (Squamata: Anguidae) from the southern Balkan Peninsula. *Amphibia-Reptilia* 35: 263-269.
- 34 Kornilios P, Thanou E, Lymberakis P, Sindaco R, Liuzzi C, **Giokas S** (2014). Mitochondrial phylogeography, intraspecific diversity and phenotypic convergence in the four-lined snake (Reptilia, Squamata). *Zoologica Scripta* 43: 149-160.
- 33 **Giokas S**, Páll-Gergely B, Mettouris O (2014). Nonrandom variation of morphological traits across environmental gradients in a land snail. *Evolutionary Ecology* 28: 323-340.
- 32 Karris G, Fric J, Kitsou Z, Kalfopoulou J, **Giokas S**, Poirazidis K (2013). Does by-catch pose a threat for the conservation of seabird populations in the southern Ionian Sea (eastern Mediterranean)? A questionnaire based survey of local fisheries. *Mediterranean Marine Science* 14 (3): 19-25.
- 31 Pitta E, Kassara C, **Giokas S**, Sfenthourakis S (2013). Compositional dissimilarity patterns of reptiles and amphibians in insular systems around the world. *Ecological Research*. 28: 633-642.
- 30 Kornilios P, **Giokas S**, Lymberakis P, Sindaco R (2013). Phylogenetic position, origin and biogeography of Palearctic and Socotran blind-snakes (Serpentes: Typhlopidae). *Molecular Phylogenetics & Evolution* 68:35-41.
- 29 Karris G, Thanou E, Xirouchakis S, Voulgaris MD, Fragedakis-Tsolis S, Sfenthourakis S, **Giokas S** (2013). Sex determination of Scopoli's Shearwater (*Calonectris diomedea*) juveniles: a combined molecular and morphometric approach. *Waterbirds* 36:240-246.
- 28 Thanou E, **Giokas S**, Goutner V, Liordos V, Fragedakis-Tsolis S (2013). Efficiency and accuracy of PCR-based sex determination methods in the European Phalacrocoracidae. *Annales Zoologici Fennici* 50: 52-63.
- 27 Sotiropoulos K, Eleftherakos K, Tsaparis D, Kasapidis P, **Giokas S**, Legakis A, Kotoulas G (2013). Fine scale spatial genetic structure of two syntopic newts across a network of ponds: implications for conservation. *Conservation Genetics* 14: 385-400.
- 26 Páll-Gergely B, Kornilios P, **Giokas S** (2012). Higher than anticipated diversity within an *Albinaria* species (Gastropoda, Pulmonata, Clausiliidae) in Southern Turkey. *Journal of Biological Research* 18: 345-352
- 25 Pitta E, **Giokas S**, Sfenthourakis S (2012). Significant Pairwise Co-occurrence Patterns Are Not the Rule in the Majority of Biotic Communities. *Diversity* 4 (2): 179-193.
- 24 Kotsakiozi P, Pafilis P, **Giokas S**, Valakos ED (2012). A comparison of the physiological responses of two land snails species with different distributional ranges. *Journal of Molluscan Studies* 78: 217-224.
- 23 Kornilios P, Ilgaz Ç, Kumlutaş Y, Lymberakis P, Moravec J, Sindaco R, Rastegar-Pouyani N, Afroosheh M, **Giokas S**, Fragedakis-Tsolis S, Chondropoulos B (2012). Neogene climatic oscillations shape the biogeography and evolutionary history of the Eurasian blindsnake. *Molecular Phylogenetics & Evolution* 62: 856-873.

- 22 Kotsakiozi P, Parmakelis A, **Giokas S**, Papanikolaou I, Valakos ED (2012). Mitochondrial phylogeny and biogeographic history of the Greek endemic land-snail genus *Codringtonia* Kobelt 1898 (Gastropoda, Pulmonata, Helicidae). *Molecular Phylogenetics & Evolution* 62: 681-692.
 - 21 Kornilios P, Ilgaz Ç, Kumlutaş Y, **Giokas S**, Fragedakis-Tsolis S, Chondropoulos B (2011). The role of Anatolian refugia in herpetofaunal diversity: an mtDNA analysis of *Typhlops vermicularis* Merrem, 1820 (Squamata, Typhlopidae). *Amphibia-Reptilia* 32:351-363.
 - 20 Simaiakis SM, **Giokas S**, Korsós Z (2011). Morphometric and meristic diversity of the species *Scolopendra cingulata* Latreille, 1829 (Chilopoda: Scolopendridae) in the Mediterranean region. *Zoologischer Anzeiger* 250: 67-79.
 - 19 **Giokas S**, Thomaz D, Douris V, Lecanidou R, Rodakis GC (2010). 5000 years of molecular evolution in a population of the land snail *Albinaria caerulea* transported by humans. *Journal of Molluscan Studies* 76: 49–56.
 - 18 Fragedakis-Tsolis SE, Chondropoulos BP, Stamatopoulos CV, **Giokas S** (2009). Morphological variation of the five vole species of the genus *Microtus* (Mammalia, Rodentia, Arvicolinae) occurring in Greece. *Acta Zoologica* 90: 254-264.
 - 17 **Giokas S** (2008). Shell surface adaptations in relation to water management in rock-dwelling land snails *Albinaria* (Pulmonata: Clausiliidae). *Journal of Natural History* 42: 451-465.
 - 16 **Giokas S**, Sfenthourakis S (2008). An improved method for the identification of areas of endemism using species co-occurrences. *Journal of Biogeography* 35: 893-902.
 - 15 **Giokas S**, Karkoulis P, Pafilis P, Valakos E (2007). Relictual physiological ecology in the threatened land snail *Codringtonia helenae*: A cause for decline in a changing environment? *Acta Oecologica* 32: 269-278.
 - 14 Douris V, **Giokas S**, Thomaz D, Lecanidou R, Rodakis GC (2007). Inference of evolutionary patterns of the land snail *Albinaria* in the Aegean archipelago: Is vicariance enough? *Molecular Phylogenetics & Evolution* 44: 1224-1236.
 - 13 **Giokas S**, Mylonas M, Rolán-Alvarez E (2006). Disassociation between weak sexual isolation and genetic divergence in a hermaphroditic land snail and implications about chirality. *Journal of Evolutionary Biology* 19: 1631-1640.
 - 12 Sfenthourakis S, Tzanatos E, **Giokas S** (2006). Species co-occurrence: the case of congeneric species and a causal approach to patterns of species association. *Global Ecology and Biogeography* 15: 39-49.
 - 11 **Giokas S**, Pafilis P, Valakos E (2005). Ecological and physiological adaptations of the land snail *Albinaria caerulea* (Gastropoda, Pulmonata, Clausiliidae). *Journal of Molluscan Studies* 71: 15-23.
 - 10 **Giokas S**, Mylonas M (2004). Dispersal patterns and population structure of the land snail *Albinaria caerulea* (Gastropoda: Pulmonata: Clausiliidae). *Journal of Molluscan Studies* 70: 107-116.
 - 9 Sfenthourakis S, **Giokas S**, Tzanatos E (2004). From sampling stations to archipelagos: investigating aspects of the assemblage of insular biota. *Global Ecology & Biogeography* 13: 23-35.
 - 8 Chatzimanolis S, Trichas A, **Giokas S**, Mylonas M (2003). Phylogenetic analysis and biogeography of Aegean taxa of the genus *Dendarus* (Coleoptera: Tenebrionidae). *Insect Systematics & Evolution* 34: 295-312.
 - 7 **Giokas S**, Mylonas M (2002). Spatial distribution, density and life history in four *Albinaria* species (Gastropoda, Pulmonata, Clausiliidae). *Malacologia* 44: 33-46.
 - 6 **Giokas S** (2000). Congruence and conflict in *Albinaria* (Gastropoda, Clausiliidae). A review of morphological and molecular phylogenetic approaches. *Belgian Journal of Zoology* 130: 95-103.
 - 5 **Giokas S**, Mylonas M, Sotiropoulos K (2000). Gene flow and differential mortality in a contact zone between two *Albinaria* species (Gastropoda; Clausiliidae). *Biological Journal of the Linnean Society* 71: 755-770.
 - 4 Sfenthourakis S, **Giokas S**, Mylonas M (1999). Testing for nestedness in the terrestrial isopods and snails of Kyklades islands (Aegean archipelago, Greece). *Ecography* 22: 357-373.
 - 3 Sfenthourakis S, **Giokas S** (1998). A biogeographic analysis of Greek Oniscidean endemism. *Israel Journal of Zoology* 44: 273-282.
 - 2 Douris V, **Giokas S**, Lecanidou R, Mylonas M, Rodakis GC (1998). Phylogenetic analysis of mitochondrial DNA and of morphological characters suggest a need for taxonomic re-evaluation within the Aloiinae (Gastropoda, Clausiliidae). *Journal of Molluscan Studies* 64: 81-92.
 - 1 Douris V, Rodakis GC, **Giokas S**, Mylonas M, Lecanidou R (1995). Mitochondrial DNA and Morphological Differentiation of *Albinaria* populations (Gastropoda: Clausiliidae). *Journal of Molluscan Studies* 61: 65-78.
- **H-index**: 22, **H-index** (excluding self-citations of all authors): 19, **Citations** (excluding self-citations of all authors): 931, **Sum of 5yr-Impact Factor**: 193.844, **Mean 5yr-Impact Factor**: 2.937.

Other Publications

PhD thesis:

- **Giokas S** (1996) The differentiation of the genus *Albinaria* in the Hellenic region. Dept. of Biology, University of Athens. 223 pgs.

Books:

- **Giokas S** (2001). *Endangered Endemic Species of Terrestrial Fauna in Southern Greece*. University of Crete/National History Museum. 84 pgs.
- Valakos S, **Giokas S**, Delipetrou P, Legakis A, Bazos J, Sfenthourakis S (2001) *Field Guide of Flora and Fauna in the the Konitsa province*. 296 pgs. Athens.
- Legakis A, **Giokas S**, Sfenthourakis S (2001). *Biodiversity: The Value of Life*. Ministry of Environment.

Chapters or articles in Edited Books:

- Vardinoyannis K, **Giokas S**, Triantis K.A., Parmakelis A (2020). *The Land Snails*. p. 143-198. In Pafilis P (Ed.) *The Fauna of Greece: Biology & Management of Wild Fauna*. 1109 pgs. Broken Hill Publishers Ltd, Nicosia, Cyprus.
- Vardinoyannis K, Parmakelis A, Triantis K, **Giokas S** (2018). *Land Molluscs in Greece: The rich, unique, diverse and unprotected animal models*. p. 47-66. In: *Biogeography and Biodiversity of the Aegean. In honour of Prof. Moysis Mylonas* (Eds. Sfenthourakis S, Pafilis P, Parmakelis A, Poulakakis N, Triantis K). 300 pgs. Broken Hill Publishers Ltd, Nicosia, Cyprus.
- Fremuth W., Shumka, S, Lako, T. (2014) *The Prespa National Park, National Park Prespa, Gorica e Vogel/ Dolna Gorica, Tirana*, pgs. 249.
- Vardinogiannis K, **Giokas S**, Mylonas M (2010) *Terrestrial Gastropods of Greece*. In: Maragou P, Legakis A (Eds). *The Red Data Book of Endangered Animals of Greece*. 528 pgs. Hellenic Zoological Society. Athens.
- Dafis et al (Eds) (1996) Directive 92/43/EEC The Greek "Habitat" Project Natura 2000: An Overview. Life Contract B4-3200/94/756, Commission of the European Communities DG XI. Thessaloniki, The Goulandris Natural History Museum – Greek Biotope/Wetland Centre. 917 pgs.
- Karandinos M, Legakis S (Eds) (1992) *The Red Data Book of Endangered Vertebrates of Greece*. Hellenic Zoological Society. Athens 356 pgs.

Scientific Congresses & Invited Speaker

Participation to **80** scientific congresses (58 international & 22 national), with **140** contributions (85 international & 55 national). Invited speaker in **5** international and **3** national congresses and workshops.

Invited Referee & Editing

- **Reviewer** of **63** papers for **31** international scientific journals and **1** edited scientific book.
- Member of the **editorial board** of (1) *Journal of Biological Research*, (2) *Journal of Biogeography*, and of the Book: *Contributions to the Zoogeography and Ecology of the Eastern Mediterranean Region* (Vols 1 & 1a) (1999) (Eds. Giokas et al), 493 pgs, Hellenic Zoological Society, Athens.
- **Reviewer** for (1) the Netherlands Organization for Scientific Research, (2) Aristotle University of Thessaloniki, (3) Institution of Research Promotion of Cyprus, (4) Aegean University, (5) Hellenic Foundation for Research & Innovation, (6) Greek's State Scholarship Foundation, (7) Operational Program "Human Resources Development, Education & Lifelong Learning 2014-2020".

Research Projects

Participation in **40** research projects, at the Universities of Athens, Crete and Patras, in the last 20 years. Coordinator in **20** funded research programs. Total Incoming Revenue for the University of Patras: **737,270 €**. A short list of those projects for the last 15 years is presented below:

- 23 **2023-2024**: *Ecology, behavior and populations' assessment of the cryptic endemic species Podarcis peloponnesiacus and Podarcis thais - - under the Call for Proposals "Actions to protect, conserve and enhance biodiversity. Field studies of endemic, threatened and nationally important species of Greece - with the funding of N.E.C.C.A"*. **Budget**: 10,000 €. **Funding**: N.E.C.C.A – H.F.R.I. **Role**: Coordinator.
- 22 **2021-2023**: *Management and protection of rare, endemic and endangered butterfly and orthopteran species in the Chelmos-Vouraikos National Park and adjacent Natura 2000 sites*. **Budget**: 49,848 €. **Funding**: Management Body of Chelmos-Vouraikos. **Role**: Coordinator.
- 21 **2016-2022**: *Matching Fund for the Project LIFE13 NAT/GR/000909 Conservation measures to assist the adaptation of Falco eleonora* to climate change*. **Implementation**: University of Patras. **Budget**: 114,300 €. **Funding**: General Secretariat for Research & Development (G.S.R.D). **Role**: Coordinator.
- 20 **2019-2021**: *Phylogeography in the genomics era and the role of barriers in speciation*. **Implementation**: University of Patras. **Budget**: 41,542 €. **Funding**: ESPA/ELLL "Support for Researches with emphasis on Young Researchers-2nd Phase". **Role**: Coordinator.
- 19 **2019-2021**: *Contribution to the Development of Specific Environmental Studies for the Natura 2000 Areas of the Southern Aegean Region on Land Fauna*. **Implementation**: University of Patras. **Budget**: 36,000 €. **Funding**: NCC. **Role**: Coordinator.
- 18 **2019-2020**: *Baseline Biodiversity Study for the NW Peloponnese Sector*. **Implementation**: University of Patras. **Budget**: 25,000 €. **Funding**: NCC. **Role**: Coordinator.

- 17 **2018-2020:** *LIFE IP 4 NATURA: Integrated actions for the conservation and management of Natura 2000 sites, species, habitats and ecosystems in Greece (LIFE16 IPE/GR/000002).* **Implementation:** Ministry of Environment & Energy/University of Patras. **Budget:** 17,000,000 €. **Funding:** European Committee. **Role:** Research Partner.
- 16 **2018-2019:** *ORNITHOPOLIS: studying urban biodiversity with citizens.* **Implementation:** University of Patras. **Budget:** 56,350 €. **Funding:** ESPA/ELLL “Support for Researches with emphasis on Young Researchers”. **Role:** Coordinator.
- 15 **2014-2019:** *LIFE13 NAT/GR/000909 Conservation measures to assist the adaptation of Falco eleonora* to climate change.* **Implementation:** University of Patras/Hellenic Ornithological Society/NCC. **Budget:** 1,206,201 € (238,451 € for the University of Patras). **Funding:** European Committee. **Role:** Coordinator.
- 14 **2015-2016:** *Recording and monitoring of invertebrates of Chelmos-Vouraikos.* **Implementation:** University of Patras. **Budget:** 13,530 €. **Funding:** Management Body of Chelmos-Vouraikos. **Role:** Coordinator.
- 13 **2014-2015:** *Surveillance and evaluation of the conservation status of Community Interest Amphibian/Reptiles & Mammals in the responsibility area of the Management Body for the Wetlands of Kotichi-Strofilia.* **Implementation:** University of Patras. **Budget:** 48,669 €. **Funding:** Management Body for the Wetlands of Kotichi-Strofilia. **Role:** Coordinator.
- 12 **2014-2015:** *Surveillance and evaluation of the conservation status of Community Interest invertebrate species in Greece.* **Implementation:** University of Patras. **Budget:** 14,760 €. **Funding:** Ministry of Environment, Energy & Climatic Change. **Role:** Coordinator.
- 11 **2013-2015:** *Recording and monitoring of invertebrates of Mount Parnon and Moustos Wetland.* **Implementation:** University of Patras. **Budget:** 13,320 €. **Funding:** Management Body of Mount Parnon and Moustos Wetland. **Role:** Coordinator.
- 10 **2012-2015:** *Recording and monitoring of amphibian and reptile populations in the National Park of Ainos (Kefalonia-Ithaca).* **Implementation:** University of Thessaly/University of Patras/Aristotle University of Thessaloniki. **Budget:** 22,500 € (for the University of Patras). **Funding:** Management Body of Ainos National Park. **Role:** Coordinator for the University of Patras.
- 9 **2013:** *Evaluation of terrestrial biodiversity of the island of Andros -Management of the SPA site of Andros Island to achieve a Favourable Conservation Status for its priority species.* **Implementation:** University of Patras. **Budget:** 4,500 €. **Funding:** NCC/European Committee/LIFE+NAT10/GR/000637. **Role:** Coordinator.
- 8 **2012:** *Recording and evaluation of invertebrate biodiversity in the reeds of the lake Mikri Prespa - “Transboundary Biosphere Reserve Prespa: Support to Prespa National Park in Albania”.* **Implementation:** University of Patras. **Budget:** 4,000 €. **Funding:** Society for the Protection of Prespa. **Role:** Coordinator.
- 7 **2011-2012:** *Evaluation of terrestrial biodiversity in the archipelago of Skyros.* **Implementation:** University of Patras. **Budget:** 4,500 €. **Funding:** Municipality of Skyros/European Committee/ LIFE09NAT/GR/000323. **Role:** Coordinator.
- 6 **2010-2011:** *The genetic differentiation of the mitochondrial genome and its co-evolution with the nuclear genome as a speciation mechanism in the terrestrial snails of Greece.* **Implementation:** National & Kapodistrian University of Athens. **Budget:** 12,000 €. **Funding:** John S. Latsis Public Benefit Foundation. **Role:** Research Partner.
- 5 **2009-2010:** *Monitoring of the African Chameleon (Chameleo africanus) in Gialova-Pylos.* **Implementation:** University of Patras. **Budget:** 4,000 €. **Funding:** Ministry of Agriculture/Hellenic Ornithological Society. **Role:** Coordinator.
- 4 **2007-2009:** *Red Data Book of the Endangered Animals of Greece.* **Implementation:** Hellenic Zoological Society. **Budget:** 110,000 €. **Funding:** Ministry of Environment. **Role:** Principal Research Associate.
- 3 **2007-2009:** *Restoration of the archaeological and natural landscape of Olympia.* **Implementation:** University of Patras. **Budget:** 6,000 €. **Funding:** National Agricultural Research Foundation (NAGREF). **Role:** Coordinator.
- 2 **2007-2009:** *Monitoring of habitats and species on mountain Mainalo.* **Implementation:** University of Patras. **Budget:** 6,000.00 €. **Funding:** National Agricultural Research Foundation (NAGREF). **Role:** Coordinator.
- 1 **2007-2010:** *Processes of reproductive isolation and speciation in hermaphrodite organisms.* **Implementation:** University of Patras. **Budget:** 24,000 €. **Funding:** K. Karatheodori Grant - Research Secretariat of the University of Patras. **Role:** Coordinator.

Administrative Experience

- Member of the Board of the *Hellenic Zoological Society*. Treasurer (2000-2002), Vice-President (2004-2005), President (2006- 2010).
- Member of the Board of the *Hellenic Ecological Society*, (President 2016-2018).
- Member of the Board of the *Hellenic Evolutionary Society* (2019-2022).
- Member of the Board of the *Hellenic Malacological Society*, (President 2021-today).
- Participation in the General Assembly and in Committees at the Dept. of Biology, University of Patras (since 2005).
- Administrative & Financial management, as scientific project leader, of 20 research projects at the Dept. of Biology, University of Patras (since 2005).

- Head of the Post Graduate Programme *Applied Ecology - Management of Ecosystems & Biological Resources*, at the Dept. of Biology, University of Patras (2013-2017).
- Member of Scientific Committee of the *Zoological Museum*, at the Dept. of Biology, University of Patras (since 2015).
- Head of the *Internal Evaluation Team*, at the Dept. of Biology, University of Patras (2016-2020).
- Director of the *Section of Animal Biology*, at the Dept. of Biology, University of Patras (2017-2020).
- Director of the Post Graduate Programme – *Biological Sciences: Research & Applications*, at the Dept. of Biology, University of Patras (2020-2024).
- Member of the National Scientific Committee “Nature 2000” (2012-2013).
- Representative of the University of Patras, in the Distributed System of Scientific Collections (DiSSCo) (since 2017).
- Member of the Management Committee of the COST Action: Mobilising Data, Policies and Experts in Scientific Collections - MOBILISE (since 2018).

Current International Collaborations

- Prof. Emilio Rolán-Alvarez (Departamento de Bioquímica, Genética e Inmunología, Facultad de Ciencias, Universidad de Vigo, Spain).
- Prof. Menno Schilthuizen (Research Director, National Museum of Natural History 'Naturalis', University of Leiden, The Netherlands).
- Dr. Anna Sulikowska-Drozdz (Department of Invertebrate Zoology & Hydrobiology, University of Lodz, Poland).

Scientific Societies

- Hellenic Zoological Society (president 2006-2010)
- Hellenic Ecological Society (president 2016-2018)
- Hellenic Evolutionary Society (board member 2019-2022)
- Hellenic Malacological Society (president since 2021)
- International Biogeography Society
- Hellenic Society of Biological Sciences

Other Scientific Activities

- Organization of 6 Scientific Congresses (Chairman of the Organizing Committee in 2 of them)
- Editor of a scientific journal
- Consultancy for Nature Protecting NGOs
- Translations of scientific textbooks (6 books) and popular science books (3 books) in Greek
- Popular Science writing and educational material