

EDUCATION AND TRAINING

10/2019 – 05/2021

Postgraduate Diploma in "Environmental Biology" - Department of Biology, School of Science and Technology, University of Crete

Thesis title: "Impact assessment study of wind energy facilities' spatial planning on large soaring raptors in Greece-Methodological approach for sensitivity mapping"

Professor: Dr. Stavros Xirouhakis, Laboratory of Ecology and Environmental Management, Natural History Museum of Crete

Basic competencies:

- Collection of spatial nesting sites data of 9 large birds of prey in Greece (ArcGIS Pro, Google Earth)
- Quantification of the degree of overlap of existing and/or under evaluation wind power infrastructures with the generated sensitivity zones (use of ArcGIS Pro program)
- Production of sensitivity maps for the study species in the wind power infrastructures (ArcGIS Pro, MAXENT)

01/2018 – 06/2018 – Portugal

Erasmus+ Placement - CIBIO/InBio Research Center in Biodiversity and Genetic Resources, University of Porto, Portugal

Internship title: "Analysis of the diet of a diverse reptile community from Betampona Strict Nature Reserve (Eastern Madagascar) using a Next-Generation Sequencing metabarcoding approach"

Basic competencies:

- Development of basic molecular laboratory techniques such as: DNA isolation from reptile species, polymerase chain reaction (PCR), Sanger sequencing
- Preparation and processing of environmental samples for Next Generation Sequencing (NGS): environmental DNA isolation, NGS library preparation, Next Generation Sequencing with Illumina's MiSeq technology

09/2011 – 11/2017

Biology Degree – National and Kapodistrian University of Athens, Faculty of Science, Department of Biology

Degree mark: 6.96 (Very Good)

Thesis title: "Analysis of the biocommunity structure of terrestrial Coleoptera (family Tenebrionidae) along the altitudinal gradients on Mount Parnonas"

Professor: Anastasios Legakis, Laboratory of Arthropod Systematics, Department of Zoology and Marine Biology

Basic competencies:

- Fieldwork:

- Organization of sampling stations along the altitude gradients of Mount Parnon (15 stations in a variety of ecosystems, from wetlands to alpine/subalpine meadows)
- Collection of terrestrial Coleoptera with the method of pitfall traps
- Lab work:
- Systematic classification of all collected Coleoptera at the family level and for the Tenebrionidae family at the species level
- Analysis:
Statistical analysis of the collected data with the computer programs EXCEL, STATISTICA, CANOCO

06/2011

High School Certificate - Lidoriki General High School, Prefecture of Fokida

Degree mark: 19,4/20 (Excellent)

PROFESSIONAL EXPERIENCE

01/11/2021 – today – Heraklion, Crete

«Implementation of management actions and technical support of field and research actions of the LIFE Bonelli eastMed project (Field Technician, Telemetry Ornithologist Assistant / GIS Data Handler Assistant)” – Natural History Museum of Crete, University of Crete

Scientific/research staff for Actions C1 "Reduction of disturbance", C3 "Reduction of secondary poisoning", C4 "Production of Good Practice Guide and Spatial Planning Tool concerning energy power line and wind farm siting", D1 "Monitoring of project impact" and E1 "Planning and implementation of project dissemination" in the project "Conservation & Management of the Bonelli's eagle population in east Mediterranean" (LIFE17 NAT/GR/000514)

Program implementation bodies: Natural History Museum of Crete - University of Crete (contractor), Cyprus Ministry of Agriculture, Rural Development and Environment - Forestry Department, Cyprus Ministry of Interior - Game and Wildlife Service, Hellenic Ornithological Society, Ministry of Environment & Energy - General Directorate of Forestry and Forestry Environment, Nature Conservation Consultants Ltd.

Scientific Director: Dr. Stavros Xirouhakis, Laboratory Teaching Staff, School of Science and Technology, University of Crete- Natural History Museum of Crete

Basic competencies/deliverables:

- Monitoring of nesting sites' areas during the incubation period of the species in Crete and the Dodecanese (Action C1)
- Sensitivity mapping report on species main threats (Action C4) (ArcGIS Pro)
- Collection and processing of spatial data for the creation of a Decision Support Tool (DST) (Action C4) (ArcGIS Pro)
- Report on monitoring of project's results and impact (Action D1)
- Report on project's dissemination actions (Action E1)

01/04/2019 – 31/05/2019 – Antikythira

Implementation of field surveys, collection of primary data on invertebrate groups in the study area of the program. Sorting and processing of collected data” – University of Patras

Field assistant for Invertebrate Research in Action D.1 "Scientific monitoring to evaluate the effectiveness of management actions" in the project "Conservation measures to assist the adaptation of *Falco eleonora* to climate change – EIClimA" (LIFE 13NAT/GR/000909)

Program implementation bodies: University of Patras, Hellenic Ornithological Society, Nature Conservation Consultants Ltd.

Scientific director: Sinos Giokas, Associate Professor of the Department of Biology, University of Patras

Basic competencies:

- Implementation of field surveys, collection of primary data on invertebrate groups in the study area of the program (Antikythira)
- Sorting and processing of collected data (systematic taxonomy of collected samples)

VOLUNTEER WORK

06/2020 – 06/2021

Implementation of field work for avian species - Laboratory of Ecology and Environmental Management, Museum of Natural History of Crete (NHMC)

As part of my stay at the Ecology and Environmental Management laboratory of the NHMC for my thesis work, I participated together with other members of the laboratory in field work, such as:

- Monitoring of the reproduction activity of golden eagles (*Aquila chrysaetos*), Bonelli's eagles (*Aquila fasciata*) and vultures (*Gyps fulvus*)
- ringing and radio-transmitting on a golden eagle chick (*Aquila chrysaetos*)
- ringing and radio-transmitting on a mature vulture (*Gyps fulvus*) individual
- tracking spring/winter migration

10-24/01/2021

Implementation of field work in the context of the Mid-Winter Bird Counts - Hellenic Ornithological Society

01/04/2019 – 31/05/2019

Voluntary field work for bird species - Antikythira Bird Observatory, Hellenic Ornithological Society

- Monitoring of birds' spring migration
- Birds' ringing assistance
- Monitoring of the Eleonora's Falcon (*Falco eleonora*)

16/03/2018-23/03/2018

Volunteer field work – CIBIO/InBIO (Research Center in Biodiversity and Genetic Resources University of Porto, Portugal)

Field work in a wolf (*Canis lupus*) monitoring program with the title "Wolf monitoring at South of the Douro River", Moimenta da Beira:

1/10/2015-11/10/2015

Participation in the program "We coexist: Improving the conditions of coexistence of humans with large carnivores and encouraging active citizens participation in conservation efforts"

LANGUAGE SKILLS

Mother language: **Greek**

| | UNDERSTANDING | | | SPEAKING WRITING | |
|----------------|---------------|---------|-----------------|---------------------|----|
| | Listening | Reading | Oral expression | Oral communication | |
| English | C2 | C2 | C2 | C2 | C2 |
| French | χρήστης B2 | B2 | B2 | B2 | B2 |

DIGITAL SKILLS

- Spatial analysis using Geographic Information Systems (ArcGIS Pro) and Google Earth
- Ease of use of Microsoft programs: Excel, Word, PowerPoint, Access

CONFERENCES AND SEMINARS

- 15th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Mytilini, Greece (12-15/10/2022)

Participation and oral presentation with the title « Impact assessment study of wind energy infrastructure spatial planning on large birds of prey of Greece: the case of the Bonelli's Eagle (*Aquila fasciata*) on the Aegean archipelago, western Peloponnese and Crete»

- «6th European Congress of Conservation Biology” (16ECCB)», Society for Conservation Biology (SCB), Czech University of Life Sciences, Prague (22-26/08/2022)

Participation and oral presentation with the title «Impact assessment study of wind energy infrastructure spatial planning on large birds of prey of Greece- Sensitivity

mapping methodological approach»

- «Measuring and/or assessing biodiversity using R», 6th European Congress of Conservation Biology (16ECCB), Society for Conservation Biology (SCB), Czech University of Life Sciences, Prague, Course (22/08/2022)
- “Mitigation of impacts on the Bonelli’s eagle from electricity transmission lines” Hellenic Ornithological Society, Society of Environmental Consultants NCC, Webinar, (22/03/2022)
- “Monitoring of the Bonelli’s Eagle population and its associated threats”, Hellenic Ornithological Society, Society of Environmental Consultants NCC, Webinar (15/03/2022)
- “Habitat Improvement of the Bonelli’s Eagle”, Hellenic Ornithological Society, Society of Environmental Consultants NCC, Webinar (08/03/2022)
- “Wildlife First Aid”, Hellenic Ornithological Society, Society of Environmental Consultants NCC, online seminar (01/03/2022)
- • 10th Hellenic Conference of Ecology (HELECOS 10), Hellenic Zoological Society, Hellenic Botanical Society, Department of Biological Applications and Technologies, University of Ioannina (14-17/01/2021)

Participation through:

1. Oral presentation with the title “Impact assessment study of wind energy infrastructure spatial planning on large birds of prey of Greece- Sensitivity mapping methodological approach”
 2. Poster presentation with the title “The use of low cost automatic sound recorders in bat fauna surveys: examples from the Pinovo - Tzena area and Agrafa”
- «Symposium Aigle de Bonelli», Montpellier (23-24/09/2022)

Participation through:

1. Poster presentation with the title “Using species distribution modelling to reveal potential nesting sites of Bonelli’s Eagle on the island of Crete”
- International conference on wildlife crimes, LIFE NATURA THEMIS, Hellenic Society for the Protection of Nature, Athens (23-25/11/2019)
 - 2nd International Symposium on Jackals and related species co-organized by the University of Athens and the Golden Jackal Informal Study Group Europe (GOJAGE), Marathon (30/10-02/11/2018)
 - “New tools for the Sustainable management of the Environment”, educational seminar organized by the Piraeus Environmental Education Office in collaboration with the Fulbright Foundation (13/05/2016)
 - “The plastic bag problem in Greece”, Mediterranean SOS Network and the Hellenic Society for the Study and Protection of the Mediterranean Seal (30/09/2016)