

CURRICULUM VITAE
Dr Vasileios A. Bontzorlos

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A. PERSONAL DATA

Full name	Vasileios Bontzorlos
Father's name	Anastasios
Mother's name	Kassiani
Date of birth	30/04/1977
Place of birth	Larisa, Greece
Nationality	Greek
Family status	Married
Sex	Male
Address	Kriezi 46, T.K. 163 42, Ilioupoli, Athens
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B. STUDIES, DOCTORAL & POST-DOCTORAL RESEARCH

B1. (Post Doctoral Research)

November 2014 – November 2015

**Hellenic Agricultural Organization
"Demeter", Athens**

**4th highest ranking
from 117 selected
proposals**
(96.5 / 100)

Hellenic Agricultural Organization DEMETER
(Former National Agricultural Research Foundation - NAGREF)

Agriculture Economics & Policy Research Institute (AGRERI)

Post-doc in the discipline:

«Biodiversity, Ecology & Wildlife Management»

Title:

«Halting biodiversity loss in the agricultural ecosystems through focused restructure in chosen sites of agricultural landscape, and parallel bio-control of small mammal population-breaks by using raptors "indices" of avifauna»

FUNDING
NSRF 2007-2013

B2. Post-graduate studies (Ph.D.)

Jan. 2005 – 30 Jan. 2009

University of Salamanca, Spain

Faculty of Biology
Department of Animal Biology

**2 Research Grants
for
Doctoral Research**

**Ph.D. on the discipline
«Ecology & Wildlife Management»**

Final evaluation: **Cum Laude**

Sofia Chlorou Legacy
BECAS/MAE AECl

Doctoral Thesis:

"The trophic ecology of Barn owl (Tyto alba) in the agricultural ecosystems of central Greece: Its application in the distribution and abundance of its prey"

**B3. Post-graduate studies
(M.Sc. - D.E.A.)**

Jan. 2003 – Jan. 2005

University of Salamanca, Spain

Faculty of Biology
Department of Animal Biology

M.Sc.

(D.E.A.: Diploma de Estudios Avanzados)

“Management and conservation of natural resources. Application in the environmental management”

Final evaluation: **Excellent**

Realization of 2 research projects in the fields of:

1: Vertebrate Zoology

(Director: Prof. Dr Salvador Peris)

2. Ecology and Conservation of lake vertebrates

(Director: Prof. Dr Miguel Lizana)

During my studies in the **M.Sc. post-graduate program of the University of Salamanca** I attended the following courses:

2003-2004

1. Ecotoxicology and Analysis of Environmental Risks,
Dr Adolfo Marco

2. Ecology and Conservation of Aquatic Vertebrates,
Prof. Dr Miguel Lizana

3. Evaluation of Environmental Impact on Vertebrates,
Prof. Dr Salvador Peris

4. Herpetology,
Prof. Dr Valentin Perez

5. Mechanisms and Management of Terrestrial Ecosystems,
Prof. Dr Jose Antonio

6. Telemetry, Cartography and Soil Evaluation,
Prof. Dr Fernando Santos

B4. University Studies

1997 - 2002

Aristotle University of Thessaloniki, Greece

Geotechnical Sciences

B.Sc. from:

“School of Forestry and Natural Environment”

Graduation Degree: 7,44 / 10

Area of Specialization: Ecology & Wildlife Management

B5. Basic Studies

1992-1995

3rd General Lyceum of Larisa, Greece

Graduation Degree: 17 & 1/10

C. RESEARCH GRANTS

C1.	2006 - 2009	Three year Doctoral Scholarship (<i>Sofia Chlorou Legacy</i>) from the N.T.U.A. (National Technical University of Athens)
C2.	2003 - 2006	Three year Research Grant from “ Becas MAE-AECI ” – Spanish Ministry of Foreign Affairs and Agency of International Co-operations . Scholarships for Europeans who conduct post-graduate research in the Iberian Peninsula

D. FOREIGN LANGUAGES

D1.	2009	Spanish	Realization and defense of Ph.D. Thesis in the University of Salamanca, Salamanca, Spain		
D2.	1993	English	Certificate of Proficiency, University of Michigan		
D3.	Categorization of Language Use				
			<u>Read</u>	<u>Write</u>	<u>Communicate</u>
	English		Excellent	Excellent	Excellent
	Spanish		Excellent	Excellent	Excellent
	French		Medium	Basic	Basic
	Greek		Native language	Native language	Native language

E. COMPUTER KNOWLEDGE SKILLS

E1.	Basic skills	Proficient in the use of <u>Office 2007, 2010, 2013</u> (<i>Word, Excel, Access, PageMaker, PowerPoint, InfoPath, OneNote</i>), Windows 2007 & 2010, XP, XPPro, Vista
E2.	Special skills	<u>Text Processing</u> R.S.A.: Stage II – 50 w.p.m. <u>Transcription</u> R.S.A.: Stage II

F. KNOWLEDGE OF SPECIALIZED SOFTWARE

E3.	Knowledge of specialized software	Proficient use of the following statistical software for data analysis: Minitab (version 16.00), STATISTICA (version 10.00), SPSS (version 21.00) Proficient in the use of specialized software for analysis of ecological data: CANOCO (version 4.5 & 5.0 for Windows), Ecosim, Biodiversity Pro, Past, Estimates, Ecological Methodology, Distance, Populus Good in the use of statistical software for data analysis: R programming Language Basic use of software for spatial analysis: Arc GIS version 9
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G. PROFESSIONAL EXPERIENCE

G1. NATIONAL RESEARCH PROGRAMS *POST-DOCTORAL RESEARCH in RESEARCH CENTER*

G1a. November 2014 – November 2015
(Working Contract - Freelance Wildlife Management Professional)

Responsible Researcher for the Research Program:

«Halting biodiversity loss in agricultural ecosystems through focused restructure of agricultural landscape in hot-spot sites, and parallel bio-control of small mammal population-breaks by using raptors "indices" of avifauna»

Funding of Research Program:

**National Strategic Reference Framework (NSRF) 2007-2013
Hellenic Agricultural Organization DEMETER (ELGO-DEMETER)**

(Former National Agricultural Research Foundation - NAGREF)

Program AGROETAK: Realizing Research, Technological & Innovative Development Projects

Business Program: Development of Human Resources

Evaluation of Research Proposal after Public Tender:

4th highest ranking from 158 selected proposals

Research Institute:

Agriculture Economics & Policy Research Institute (AGRERI)

Responsible Researcher:

Dr Vasileios Bontzorlos

Aims and research pillars of the program:

Locate and define «biodiversity hot-spots», in selected sites in the agricultural plains of central Greece. Creation of a Technical Guide for the proposal of focused, non-interventional restructure and use agricultural landscape elements. The results will maintain high biodiversity indices in the chosen «biodiversity hot-spots» within a highly human-induced agro-ecosystem. Alignment of the management proposals presented in the Technical Guide with the new CAP (halting biodiversity loss by 2020). The «biodiversity hot-spots» will function innovatively, covering the gap between legislative texts and focused implementation of concrete, proper environmental schemes in rural-agricultural areas, which has been up to the day the major issue for the shrinking of biodiversity in European agro-ecosystems

G2.

INTERNATIONAL RESEARCH PROGRAMS

CO-ORDINATOR for GREECE

G2a. 2012 – today

(Voluntary service for experience)

Scientific associate as co-ordinator for Greece in the international research program:

«European Project for Barn owl (*Tyto alba*)»

Funding of Research Program:

University of Lausanne, Switzerland

Commissioning Body:

Department of Ecology & Evolution, University of Lausanne
European research program with the participation of Research Institutes and Universities from Spain, Portugal, France, Switzerland, Germany, Hungary, Czech Republic, Denmark

Head of Research Program:

Professor Dr Alexandre Roulin, Senior Researcher, Department of Ecology & Evolution, University of Lausanne

Aims & Research pillars of the program:

Evolution, conservation, and functional adaptation of color polymorphism in Barn owl (*Tyto alba*). Exploring aspects of evolutionary ecology in the underlying genome of Barn owls, since an original system of genes has been spotted in the species that is responsible for a number of diseases in human.

It has been proven that Greece forms the most important geographical link in the study of evolutionary biology of Barn owl populations. In Greece, two different genetically populations intersect, which re-colonized Europe after the last Ice Age through two different routes, the Iberian Peninsula and north-eastern Greece.

My main duties and achievements:

Collecting feathers and blood samples from Barn owl individuals from mainland and insular Greece according to strict protocol. Co-operating with Greek universities, N.G.O.s and environmental bodies for the collection of samples. Coordinating the network in Greece and forwarding blood samples in the University of Lausanne for full genome analysis.

(employment certificate available)

G2b. September 2012 – today
(*Voluntary service for experience*)

Scientific associate as co-ordinator for Greece in the international research program:

«Global Owl Project - GLOW»

Funding of Research Program:

National USA Research Foundation & various bodies' funding

Realization:

GLOW Organization. Alexandria, Virginia, USA

Interstate Research Program with the participation of researchers, universities, museums and environmental bodies from 65 countries

Head of Research Program:

David Johnson

Aims & Research pillars of the program:

Research, conservation and management of nocturnal raptors populations. GLOW initiated its work in 2001 with the funding of the National USA Research Foundation. Global Owl Project is collaborating globally with 450 researchers, conservation managers, post graduate, doctoral and post doctorate researchers, and volunteers in a total of 65 countries, and their work mainly focuses on:

1. Develop scientifically-robust survey & monitoring techniques for the world's owls,
2. Analyze the molecular systematics and phylogeny of owls using basically mtDNA but also ncDNA,
3. Acquire high-quality recordings of owl vocalizations, to assist in species identification & surveys,
4. Compile original descriptions & photographs of extant & fossil owls, & an e-library of literature on the species,
5. Refine maps of owl species distributions & conduct global owl diversity analyses,
6. Assess *Owls in Lore and Culture* through interviews & literature,
7. Distribute project information via internet pages, publications, and symposia to a very wide audience, including national and international biodiversity programs

My main duties and achievements:

Co-ordinator (Greece Team Leader) in Greece for «**Global Owl Project**». Technical guidance and co-ordination of the Hellenic network of associates upon the 7 main aims of GLOW. Concentrating data and material from whole Greece. First data that have been collected and analyzed from Greece will be soon published in the *Journal of Ethnobiology*

(*employment certificate available*)

G3.

NATIONAL RESEARCH PROGRAMS

SCIENTIFIC COLLABORATOR

G3a. October 2007 – May 2009
(Working Contract - Freelance Wildlife Management Professional)

Scientific associate in the research program:

“The effect of highways upon wildlife in Northern Greece”

Commissioning Body:

Technological Educational Institute of Kavala

Financiation of Research Program:

Research Committee of the Technological Educational Institute of Kavala

Realization of Research Program:

Laboratory of Wildlife Management, Department of Forestry and Management of Natural Environment, Technological Educational Institute of Kavala, Department of Drama

Program Cost:

5.000 Euro

Head of Research Program:

Professor Dr Dimitrios Bakaloudis

Dr Dimitrios Bakaloudis was Professor of Applied Science at the time in the Technological Institute of Kavala, Department of Forestry, and today he is Assistant Professor in the School of Forestry and Natural Environment, Aristotle University of Thessaloniki

My main duties and achievements:

Monitoring and recording the effect and the impact of car collisions with wildlife fauna species (birds & mammals) in main highways of northern Greece. Organizing field data, application off Geographical Information Systems (GIS), statistic analyses, evaluation of the problem and redaction of technical reports

(employment certificate available)

G3b. 2006
Voluntary services for experience

Scientific Associate in the research program:

“The predation of fox (*Vulpes vulpes*) and beech marten (*Martes foina*) upon other wildlife species, in Central Greece”

Financiation of the Research Program:

4th Hunting Federation of Sterea Hellas (central Greece)

Realization of the Research Program:

Laboratory of Wildlife Management, School of Forestry and Natural Environment, Aristotle University of Thessaloniki

Program Cost:

30.000 Euro

Head of Research Program:

Professor Dr Christos Vlachos and Assistant Professor Dr Dimitrios Bakaloudis (Aristotle University of Thessaloniki)

My main duties and achievements:

Statistic meta-analyses of ecological data, evaluation of the predation impact and redaction of studies, and assistance in the redaction of paper which was published recently in Turkish Journal of Zoology

G3c. 2000 – 2014

Voluntary services for experience

Scientific associate in the research program:

“Breeding biology and ecology of Lesser kestrel (*Falco naumanni*) in Thessaly, Central Greece”

Partial financing of the Research Program:

4th Hunting Federation of Sterea Hellas (central Greece)

Realization and co-financing of the Research Program:

Laboratory of Wildlife Management, School of Forestry and Natural Environment, Aristotle University of Thessaloniki

Annual Program Cost:

3.000 Euro

Head of Research Program:

Professor Dr Christos Vlachos and Assistant Professor Dr Dimitrios Bakaloudis (Aristotle University of Thessaloniki)

My main duties and achievements:

Monitoring and recording of Lesser kestrel population, ringing and bird banding, recording of biological data (body measurements, weight, etc), telemetry application with radio transmitters, nest boxes installation, trophic ecology, study of prey availability
(employment certificate available)

G4.	NATIONAL PROGRAMS: “ASSESSING THE CONSERVATION STATUS OF WILDLIFE POPULATIONS IN GREECE” <i>MEMBER OF the CO-ORDINATING TEAM</i>
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G4a. March 2014 – October 2015

(Working Contract - Freelance Wildlife Management Professional)

Member of the co-ordinating team as specialized researcher in the program:

“Monitoring and assessment of the conservation status of avian fauna in Greece»

Application to all terrestrial and marine Special Protected Areas (SPAs) which have been created on the basis of the Birds Directive 79/409, except areas within the jurisdiction of Management Authorities

Commissioning Body:

Ministry of Environment, Energy & Climate Change

18 months working contract

Program Financiation:

National Strategic Reference Framework (NSRF) 2007-2013

Operational Program Environment & Sustainable Development (OPESD)

Axis 9: “Protection of Nature & Biodiversity”

Work: **“Monitoring and recording habitat types, flora and fauna species of the Directives 92/43 and 79/409”**

Act: **“Monitoring and assessment of the Conservation Status of species and habitat types of Community Interest in Greece”**

Program Realization:

"YLORIKI EE" Company & "TECHNOOMIOSTASIS" Company of Environmental Management

Program Cost:

2.000.000 Euro

Head of the Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

My main duties and achievements:

Co-ordinator of the following working packages:

- 1) Structuring the methodological approach for the recording and evaluation of avifauna species conservation status in Greece,
- 2) Structuring field sampling protocols, organization and spatial arrangement of sampling stations,
- 3) Statistical analysis of ecological data

Participation in additional working packages:

- 1) Co-ordination of field working groups and field work,
- 2) Conducting field samplings and field work for avifauna species,
- 3) Creation and redaction of management proposals,
- 4) Creation and redaction of deliverables for the definition of **Favourable Reference Values (FRVs) and Favourable Conservation Status (FCS)** of avifauna species in Greece

(working contract and employment certificate available)

G4b. August 2013 – July 2015

(Working Contract - Freelance Wildlife Management Professional)

Member of the co-ordinating team as specialized researcher in the program:

“Monitoring and assessment of the Conservation Status of avian fauna in Mesologgi Lagoon - Wetland complex, Western Greece”

Ramsar Region of the NATURA 2000 network

Commissioning Body:

Management Authority of Mesologgi Lagoon - Wetland complex

24 months working contract

Program Financiation:

National Strategic Reference Framework (NSRF) 2007-2013

Operational Program Environment & Sustainable Development (OPESD)

Axis 9: “Protection of Nature & Biodiversity”

Work: **“Monitoring and recording habitat types, flora and fauna species of the Directives 92/43 and 79/409”**

Act: **“Protection and conservation of Biodiversity in the National Park of Mesologgi Lagoon & Aitoliko Wetland complex, and Echinades islands”**

Program Realization:

“TECHNOOMIOSTASIS” – Company of Environmental Management

Program Cost:

110.000 Euro

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

My main duties and achievements:

Co-ordinator of the following working packages:

- 1) Structuring the methodological approach for the recording and evaluation of avifauna species conservation status in Mesologgi Lagoon - Wetland complex,
- 2) Structuring field sampling protocols, organization and spatial arrangement of sampling stations,
- 3) Statistical analysis of ecological data,

Participation in additional working packages:

- 1) Co-ordination of field working groups and field work,
- 2) Conducting field samplings and field work for avifauna species,
- 3) Creation and redaction of management proposals,
- 4) Creation and redaction of deliverables for the definition of **Favourable Reference Values (FRVs)** and **Favourable Conservation Status (FCS)** of avifauna species in Mesologgi Lagoon - Wetland complex

(working contract and employment certificate available)

G4c. November 2013 – October 2015
(Working Contract - Freelance Wildlife Management Professional)

Member of the co-ordinating team as specialized researcher in the program:

«Monitoring and assessment of the Conservation Status of mammal fauna of Community Interest in the National Park of mountain Olympus»

Area of the NATURA 2000 network

Commissioning Body:

Management Authority of the National Park of Mountain Olympus

24 months working contract

Program Financiation:

National Strategic Reference Framework (NSRF) 2007-2013

Operational Program Environment & Sustainable Development (OPESD)

Axis 9: "Protection of Nature & Biodiversity"

Program of Public Investments (PPI)

Operational Program Macedonia - Thrace 2007-2013

Work: **"Monitoring and recording habitat types, flora and fauna species of the Directives 92/43 and 79/409"**

Act: **"Management and conservation of the protected area National Park Mountain Olympus"**

Program Realization:

"TECHNOOMIOSTASIS" – Company of Environmental Management & "YLORIKI EE" Company

Program Cost:

70.848 Ευρώ

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

My main duties and achievements:

Co-ordinator of the following working packages:

- 1) Structuring the methodological approach for the recording and evaluation of mammal species conservation status in the National Park of mountain Olympus,
- 2) Structuring field sampling protocols, organization and spatial arrangement of sampling stations,
- 3) Statistical analysis of ecological data,

Participation in additional working packages:

- 1) Co-ordination of field working groups and field work,
- 2) Conducting field samplings and field work for mammal species,
- 3) Creation and redaction of management proposals,
- 4) Creation and redaction of deliverables for the definition of **Favourable Reference Values (FRVs)** and **Favourable Conservation Status (FCS)** of mammal species in the National Park of mountain Olympus

(working contract and employment certificate available)

G4d. May 2014 – November 2015
(Working Contract - Freelance Wildlife Management Professional)

Member of the co-ordinating team as specialized researcher in the program:

“Monitoring and assessment of the Conservation Status of avian fauna in the National Park of Ainos, Kefallinia Island, Ionian islands complex”

Region of the NATURA 2000 network

Commissioning Body:

Management Authority of National Park of Ainos

18 months working contract

Program Financiation:

National Strategic Reference Framework (NSRF) 2007-2013

Operational Program Environment & Sustainable Development (OPESD)

Axis 9: “Protection of Nature & Biodiversity”

Work: **“Monitoring and assessment of the Conservation Status of avian fauna in the National Park of Ainos, Kefallinia Island, according the application of Birds Directive 79/409”**

Act: **“Protection and conservation of Biodiversity in the National Park of Ainos, Kefallinia island”**

Program Realization:

"TECHNOOMIOSTASIS" – Company of Environmental Management

Program Cost:

40.000 Ευρώ

Head of Program:

Professor Dr Periklis Birtsas (Technical University of Thessaly)

My main duties and achievements:

Co-ordinator of the following working packages:

- 1) Structuring the methodological approach for the recording and evaluation of avifauna species conservation status in the National Park of Ainos, Kefallinia Island,
- 2) Structuring field sampling protocols, organization and spatial arrangement of sampling stations,
- 3) Statistical analysis of ecological data,

Participation in additional working packages:

- 1) Co-ordination of field working groups and field work,
- 2) Conducting field samplings and field work for avifauna species,
- 3) Creation and redaction of management proposals,
- 4) Creation and redaction of deliverables for the definition of **Favourable Reference Values (FRVs)** and **Favourable Conservation Status (FCS)** of avifauna species in the National Park of Ainos, Kefallinia Island

(working contract and employment certificate available)

G4e. December 2014 – November 2015
(Working Contract - Freelance Wildlife Management Professional)

Member of the co-ordinating team as specialized researcher in the program:

«Monitoring and recording of habitat types and chlorea & fauna species of Directives 92/43 and 79/409 in the Management Body of National Park of Dadia-Lefkimi-Soufli Forest»
Region of the NATURA 2000 network

Commissioning Body:

Management Body of National Park of Dadia-Lefkimi-Soufli Forest

12 months working contract

Program Financiation:

National Strategic Reference Framework (NSRF) 2007-2013
Operational Program Environment & Sustainable Development (OPESD)

Axis 9: "Protection of Nature & Biodiversity"

Act: "**Protection and conservation of Biodiversity**"

Program Realization:

"TECHNOOMIOSTASIS" – Company of Environmental Management

Program Cost:

295.000 Eupó

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

My main duties and achievements:

Co-ordinator of the following working packages:

- 1) Structuring the methodological approach for the recording and evaluation of chiroptera species conservation status in the National Park of Dadia-Lefkimi-Soufli Forest,
- 2) Structuring field sampling protocols, organization and spatial arrangement of sampling stations,
- 3) Statistical analysis of ecological data,

Participation in additional working packages:

- 1) Co-ordination of field working groups and field work,
- 2) Conducting field samplings and field work for chiroptera species,
- 3) Creation and redaction of management proposals,
- 4) Creation and redaction of deliverables for the definition of **Favourable Reference Values (FRVs)** and **Favourable Conservation Status (FCS)** of chiroptera species in the National Park of Dadia-Lefkimi-Soufli Forest

(working contract and employment certificate available)

G5.	NATIONAL MONITORING PROGRAMS FOR THE RECORDING OF WILDLIFE POPULATIONS' STATUS AND TRENDS <i>CO-ORDINATOR</i>
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G5a. February 2013 – August 2015
(Working Contract - Freelance Wildlife Management Professional)

Co-ordinator (as specialized researcher) in the program:

«Phenology of migration of avian species in Greece»

Axis: Definition of migration phenology for 4 waterfowl species (*Mallard, Northern Pintail, Eurasian Wigeon and Eurasian Teal*) in six different major wetlands of Greece

Commissioning Body:

Hellenic Hunters Confederation (HHC)

6 consecutive six-month work contracts

Program Financiation:

Hellenic Hunters Confederation (HHC)

Program Realization:

LKN Analysis Ltd. Company Consultants and Development Advisory

Annual Program Cost:

200.000 Euro

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

Development of Methodological Approach:

Aristotle University of Thessaloniki (A.U.TH.), OMPO (*Oiseaux Migrateurs du Palarctique Occidental*) and IMPCF (*Institut Mediterranen du Patrimoine Cynegetique et Faunistique*)

My main duties and achievements:

Co-ordination of a network of specialized bird observers placed in 6 wetlands of the country. Organization of raw data, creation and continuous update of ACCESS database. Application of simple statistics as well as multivariate analysis of ecological data, in order to define: i) Population trends, ii) initiation dates of post-breeding migration towards Greece, iii) initiation dates of prenuptial migration from Greece towards breeding grounds, and iv) the effect of environmental variables upon phenology of migration, for 4 species of waterfowl in the following wetlands:

- 1) River Delta of the rivers' estuaries Aherontas & Kalamas, Preveza region, Western Greece, **2)** Lagoons & lake complex of Mesolongi Wetland: Kleisova, Tholi, Palaipotamos & Aitoliko, Mesolongi region, Western Greece, **3)** Lagoons & lake complex of Amvrakikos Gulf: Rodia, Tsoukalio, Logarou, Preveza region, Western Greece, **4)** River Delta of the river Evros, north-eastern Greece, Greek-Turkish natural borders, **5)** Lagoon & lake complex of Kotyxi, Peloponesus, **6)** Lake Kerkini

(working contract and employment certificate available)

G5b. February 2011 – February 2013
(Working Contract - Freelance Wildlife Management Professional)

Co-ordinator (as specialized researcher) in the program:

«Phenology of migration of avian species in Greece»

Axis: Definition of migration phenology for waterfowl avifauna in 22 major wetlands of mainland and insular Greece

Commissioning Body:

Hellenic Hunters Confederation (HHC)

4 consecutive six-month work contracts

Program Financiation:

Hellenic Hunters Confederation (HHC)

Program Realization:

LKN Analysis Ltd. Company Consultants and Development Advisory

Annual Program Cost:

200.000 Euro

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

Development of Methodological Approach:

Aristotle University of Thessaloniki (A.U.TH.), OMPO (*Oiseaux Migrateurs du Paelearctique Occidental*) and IMPCF (*Institut Mediterranee du Patrimoine Cynegetique et Faunistique*)

My main duties and achievements:

Co-ordination of a network of 38 specialized bird observers placed in the most important wetlands of the country. Organization of raw data, creation and continuous updating of ACCESS database. Application of simple statistics as well as multivariate analysis of ecological data, in order to define: i) Population trends, ii) initiation dates of post-breeding migration towards Greece, iii) initiation dates of prenuptial migration from Greece towards breeding grounds, and iv) the effect of environmental variables upon phenology of migration, for all wintering aquatic and wader avian species in the following major wetlands:

Evros Delta, lake Vistonida - Porto Lagos, lake Kerkini, lake Volvi - Koroneia, Axios Delta, Kalamaki reservoir of Karla lake, Namata reservoir of Karla lake, Karla lake, complex of lakes & lagoons in Amvrakikos Gulf, Kalamas Delta, complex of lakes & lagoons in Mesolongi wetland, Sperheios Delta, lake Paralimni - Euboia, lake Istiaia - Euboia, wetland Shinias - Attiki, lake Aliko - Limnos, lagoon Divari Gialovas - Pylos, lake Stymfalia - Korinthia, Evrotas Delta, lake Agia Chania - Crete, lake Bramiana Ierapetra - Crete

(working contract and employment certificate available)

G5c. January 2012 – March 2015

(Resolutions of the Ministry of Environment, Directorate of National Parks)

Co-ordinator (as specialized researcher) in the program:

«Phenology of migration of avian species in Greece»

Axis: Phenology migration of Eurasian woodcock (*Scolopax rusticola*) in mainland and insular Greece

Commissioning Body:

Hellenic Hunters Confederation (HHC)

Financiation of Research Program:

Hellenic Hunters Confederation (HHC)

Realization of Research Program:

LKN Analysis Ltd. Company Consultants and Development Advisory

Ministry of Environment Resolutions with protocol numbers:

1) 225295/3718/12-01-2012 &

2) 106037/473/11-02-2014

Codes of web-posting in DIAVGEIA platform:

1) ΑΔΑ: ΒΟΝΔΟ-ΨΑΙ

2) ΑΔΑ: ΒΙΡΜΟ-249

Head of Research Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

Development of Methodological Approach:

Aristotle University of Thessaloniki (A.U.TH.), OMPO (*Oiseaux Migrateurs du Paelearctique Occidental*) and IMPCF (*Institut Mediterranee du Patrimoine Cynegetique et Faunistique*)

My main duties and achievements:

Member of the co-ordinating team for the axis of Research Program concerning Phenology of migration of Eurasian woodcock in Greece

Assistance in coordinating a network of specialized personnel in 26 selected regions of mainland and insular Greece. The personnel, along with the use of specialized pointing dogs realizes the monitoring and recording of the Phenology of migration for the species Eurasian woodcock (*Scolopax rusticola*) from October to March. The chosen regions where the program is realized are: Laerma / Rhodes island, Avgonyma / Chios island, Aetos - Messinia, Chrisovitsi - Tripoli, Quercus-forest Foly - Iliia, Paros island, Telethrio - Euboia, Tsibra - Euboia, Obores - Euboia, Arakynthos - Mesolongi, Noexori - Domokos, Dilofo - Sperheiada, Gazi - Xiromero, Strinilia / Kerkyra island, Gyftokampos - Ioannina, Vrosina - Thesprotia, Vrontou - Drama, Prottoklisi - Evros, Tsali - Xanthi, Saint Sotiras / Deskati, Leptokarya - Evros, Mavroplagia - Kilkis, Nea Sevasteia - Chalkidiki, Ano Ktimeni - Karditsa, Azoros - Ellassona, Omolio - Kissavos mountain, Kofoi - Almyros.

Multivariate statistic analyses of collected ecological data, and redaction of technical reports

G6.	NATIONAL MONITORING PROGRAMS FOR THE RECORDING OF WILDLIFE POPULATIONS' STATUS AND TRENDS <i>SCIENTIFIC COLLABORATOR</i>
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G6a. June 2011 – December 2016

(Working Contract - Freelance Wildlife Management Professional)

Scientific associate as specialized researcher in the program:

«Phenology of migration of avian species in Greece»

Axis: Additional application of basic & multivariate statistical analysis techniques for the definition of avian phenology of migration

Commissioning Body:

LKN Analysis Ltd. Company Consultants and Development Advisory

2 consecutive three-year work contracts

Program Financiation:

Hellenic Hunters Confederation (HHC)

Program Realization:

LKN Analysis Ltd. Company Consultants and Development Advisory

Annual Program Cost:

200.000 Euro

Head of Program:

Professor Dr Christos Vlachos (Aristotle University of Thessaloniki)

Development of Methodological Approach:

Aristotle University of Thessaloniki (A.U.TH.), OMPO (*Oiseaux Migrateurs du Paelearctique Occidental*) and IMPCF (*Institut Mediterranee du Patrimoine Cynegetique et Faunistique*)

My main duties and achievements:

Application of simple statistics as well as multivariate statistic analysis of ecological data, with specialized software, in order to deduct conclusions for wintering waterfowl in 22 major wetlands of Greece, concerning:

Population trends, initiation dates of post-breeding migration towards Greece, initiation dates of prenuptial migration from Greece towards breeding grounds, and the effect of environmental variables upon Phenology of migration.

The present work contract derived as a need for realizing more advanced statistical analysis for LKN Analysis Ltd. Company, apart the ones I was already performing for HHC with other working contracts
(working contract and employment certificate available)

G6b. March 2010 – March 2011
(Working Contract - Freelance Wildlife Management Professional)

Scientific associate as specialized researcher in the program:

“ARTEMIS I”

Monitoring & recording population dynamics of avian and mammal game species in Greece

Commissioning Body:

Hellenic Hunters Confederation (HHC)

2 consecutive six-month work contracts

Program Financiation:

Hellenic Hunters Confederation

Program Realization:

Gesthimani Christoforidou, Theofanis Karampatsakis & George Logothetis – Environmentalists Foresters (Freelancers, personal company)

Annual Programs' Cost:

70.000 Euro

Head of Program:

Associate Professor Dr Christos Thomaides

(Technological Institute of Lamia, Department of Karpenisi)

My main duties and achievements:

Assistance in the coordination of field personnel for the collection and recording of ecological & biological data, improvement of statistical questionnaires, restructuring and updating of an ACCESS database with 20 years data.

Application of simple and multivariate statistical analysis on the raw data collected at game species population monitoring in Greece, through harvest indices (32 avian species & 5 mammal species). Assistance in the analysis and data organization of game species' population structure (age, ratio of young to adults). Comparison with other national indices of game species population. Dissemination of information in national and international level: Organization of seminars, participation in national and international meeting & workshops, conferences, and publications

(working contract and employment certificate available)

G7.	STUDIES, OTHER WORKS & PROJECTS
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G7a. 31 January 2014 – 28 February 2014
(*Working Contract - Freelance Wildlife Management Professional*)

Scientific associate as:

«Consultant in the analysis and decision making for special issues concerning the strategy for fishing campaign in Greece»

Commissioning Body:

Greenpeace Hellas

Financiati on of the Project:

Greenpeace Hellas

Head of the Project:

Angela Lazou, Oceans Campaigner in Greenpeace Hellas

My main duties and achievements:

Research in the framework of Greenpeace campaign for marine environment. Main aim is the creation of a folder-database for a series of trawls which are active in international waters. Gather data for fishes' populations, impact of trawls, and assessment of impact in local societies. Analysis and information combination, meetings with Greenpeace specialists in national & international level, organization of database and creation of technical report.

(*working contract and employment certificate available*)

G7b. May 2013 – August 2013
(*Working Contract - Freelance Wildlife Management Professional*)

Scientific associate as specialized researcher in the project:

“THIROPEDIA – Interactive Digital Services for Promotion of Natural Heritage and Sustainable Hunting”

Commissioning Body:

Epirus Development Body A.E.

Financiati on of the Project:

European Program of Territorial Co-operation between Greece-Italy 2007-2013.

Priority Axis 3: “Improvement of life quality, environmental protection and encouragement for socio-cultural solidarity” Measure 3.1: «Promoting the cultural and environmental heritage»

Program Realization:

TEXNOOMIOIOSTASI – Company of Environmental Management

Program Cost:

32.000 Euro

Head of Program:

Chatzinikos Evangelos

Main duties and achievements:

Collection of scientific data, database organization and presentation forms for raptor species (diurnal & nocturnal) present in Epirus Prefecture, upon the following axes:

i) Systematic taxonomy,

- ii) Ecology & Behavior,
- iii) Habitat types,
- iv) Threats,
- v) Protection & Management Measures,
- vi) Legislative framework,
- vii) Photos & Drawings,
- viii) Population data & Distribution in Greece,
- ix) Information for Epirus Prefecture,
- x) Bibliographical References,
- xi) Important management acts,
- xii) Distribution in Epirus,
- xiii) Population data & important population hotspots,
- xiv) Historical Data

(working contract and employment certificate available)

G7c. January 2007 – November 2007

Voluntary services for experience

Scientific associate as specialized researcher in the Company:

“Agricultural – Technical Centre of Research, Education and Rural Development” – Larisa, Greece

I worked as an external scientific associate and I redacted the scientific part of a LIFE+ proposal concerning the **Management & Protection of Lesser kestrel (*Falco naumanni*) population in Thessaly, central Greece**. The proposal was deposited in the Ministry of Environment with protocol number 147234/30-11-2007. The proposal received high ranking in the scientific part but was rejected due to mistakes in the budgeting. I also delivered other studies concerning Wildlife Management in agro-ecosystems of central Greece.

(employment certificate available)

G7d. 1998 (June – August)

Voluntary services for experience

Scientific associate in the National Agriculture Research Foundation (NAGREF), Institute of Soil Mapping and Classification, Department of Central Greece

I participated in the following studies and research programs:

- Studies of Environmental Impact, region of Trikala, Thessaly
- Studies of Environmental Impact for water collectors in the river of Pineios, prefecture of Larisa
- Studies of Environmental Impact by adjusting watercourses and development of water resources by creating water collectors for fire protection in Kallipefki, Olympus, region of Larisa
- Agro-meteorological models for predicting crop production in the agricultural sector (1996-2001, 2nd Community Support Framework)
- Predictive models for hail storms and risk minimization

(employment certificate available)

G8.	LECTURING EXPERIENCE
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G8a.	2005-2009 <i>Voluntary services for experience</i>
University of Salamanca, Faculty of Biology, Animal Biology Department	
Course: Conservation & Management of Wildlife Fauna Theory & Lab assistant <u>Theory classes:</u> Avian Ecology, Ecology and Wildlife Management <u>Laboratories:</u> Bird identification, pellet analysis from nocturnal raptors. Identification of small mammals and Passeriformes species through microscopic examination (teeth, bill, jaws, craniums, etc) <i>(employment certificate available)</i>	

G9.	CO-OPERATION WITH NATIONAL & INTERNATIONAL NGOs
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G9a.	CO-OPERATION WITH GREEK NGOs
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2008 - 2010	Founding member, member of the Board and Scientific Consultant for 2 years in the Non Governmental Organization " Hellenic Organization for the Environment " (H.O.E.), Larisa, Greece. Conservational, ecological and environmental issues. Head Department located in Thessaly, Central Greece <i>(employment certificate available)</i>
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G9b.	CO-OPERATION WITH INTERNATIONAL NGOs
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2007 – today	Official representative in Greece for the British N.G.O " World Owl Trust ", which is located in Cumbria, UK. Its main targets are to advance wildlife conservation by primarily focusing on all owl species and their ecology <i>(employment certificate available)</i>
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G10. OTHER RELEVANT RESEARCH ACTIVITIES

Reviewer of original scientific articles for the Science Citation Index Journals:

1. **“Biological Journal of the Linnaean Society”**
2. **“Turkish Journal of Zoology”**
3. **“Bird Study”**
4. **“Zoology in the Middle East”**

Member of the editorial board of the scientific journals:

1. **“Conservation Science”**

G11. SCIENTIFIC ASSOCIATIONS & SOCIETIES

I am member of the following scientific associations & societies

- a. Geotechnical Chamber of Greece
- b. Hellenic Forestry Society
- c. Hellenic Zoological Society
- d. Hellenic Ecological Society
- e. Global Owl Project – **Greece Team Leader**
- f. World Working Group on Birds of Prey and Owls (WWGBP)

H. MILITARY SERVICE

I have fulfilled my military obligations by doing my service in the Infantry Body of the Greek Army, from 3 February 2009 until 3 January 2010

I1. ATTENDED INTERNATIONAL SCIENTIFIC CONFERENCES & WORKSHOPS

2015	13th International Congress of Zoogeography and Ecology of Greece and adjacent regions (ICZEGAR) 7-11 October, Heraklion, Crete
2015	Special scientific workshop for the bio-control of pest small mammals through the management of raptor species, for the environment and people Organizers: Birdlife Cyprus & Israel Ornithological Center 22-23 June, Nikosia, Cyprus
2013	31st International Union of Game Biologists Congress (IUGB) 27-29 August, Brussels, Belgium
2012	12th International Congress on the Zoogeography, Ecology & Evolution of Southeastern Europe and the Eastern Mediterranean 14-17 June, Athens, Greece
2011	1st International Conference for the recording, monitoring and conservation of Long-eared owl (<i>Asio otus</i>) 1-5 November, Kikinda, Serbia
2011	Scientific workshop concerning the population of rock partridge (<i>Alectoris graeca</i>) in Europe Organizers: Birdlife International & FACE (Federation of Associations for Hunting and Conservation of the European Union) 28 October 2011, Bolzano, Italy
2011	30th International Union of Game Biologists Congress (IUGB) 5-9 September, Barcelona, Spain
2009	Raptor Research Foundation Annual Conference (RRF) 29 September - 4 October, Pitlochri, Scotland
2007	7th Congress of the Spanish Society of Mammalogists (SECEM) 5-8 December, Huelva, Spain
2007	4th World Owl Conference 31 October - 4 November, Groningen, Holland
2007	5th European Congress of Mammalogy 21-26 September, Siena, Italy
2006	3rd International Congress on the "Ecology and Conservation of Biodiversity" Organizers: Hellenic Ecological Society & Hellenic Zoological Society 16-19 November, Ioannina, Greece
2004	1st International Symposium on the Ecology and Conservation of Steppe Land Birds 3-7 December, Lleida, Spain

12. ATTENDED NATIONAL SCIENTIFIC CONFERENCES & WORKSHOPS

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- 2015 **Two-day seminars for the presentation of all AGROETAK post-doctoral projects: «Realization of Innovative Research Technological Developmental Projects»**
Organizers: Hellenic Agricultural Organization “Demeter”
10-11 December 2015, Thessaloniki, Greece
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- 2015 **Conference: «Biodiversity in the National Park of Dadia – Lefkimi – Soufli Forest. Conservation lessons for protected areas».**
Organizer: Management Body of National Park of Dadia – Lefkimi – Soufli Forest
14-15 November 2015, Athens, Greece
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- 2015 **Inauguration seminar for the Act: «Realization of Innovative Research Technological Developmental Projects AGROETAK»**
Organizers: Hellenic Agricultural Organization “Demeter”
3 March 2015, Athens, Greece
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- 2014 **7th National Ecology Conference: «Connecting systems, climaxes & research fields»**
Organizer: Hellenic Ecological Society
9-12 October, Mytilene, Greece
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- 2011 **15th National Forestry Congress on: «Multipurpose Forestry and Climate Change – Conservation and Sustainable Use of Natural Resources»**
Organizer: Hellenic Forestry Society
16-19 October, Karditsa, Greece
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J. ATTENDED SEMINARS FOR STATISTICS & ANALYSIS OF ECOLOGICAL DATA

J1. INTERNATIONAL SEMINARS ON ANALYSIS OF ECOLOGICAL DATA

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- J1a.** 2014 **University of Aegean, School of Environment, Summer school “ECODAR 2014”**
6 days seminar on:
Statistic Analyses of Ecological Data with the use of programming language R
Instructors: **Jason Matthiopoulos, Panagiotis Besbeas, Nikos Fyllas, Georgios Kokkoris, Nikos Lampadariou, Georgios Tsirtsis**
1. Introduction to Linear Regression with R
 2. Hypothesis testing, normality assumptions, ANOVA, Confidence Intervals, Bootstrap techniques
 3. Probabilities & Mixed Models
 4. Generalized Linear Models, Mixed Effects Models, Flexible Models
 5. Multivariate Analysis, Resampling models
 6. Biodiversity Data Analysis
- Duration: 7 – 12 July, Centre of Marine Studies, Herakleion Crete
(there is certificate of attendance)*
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- J1b.** 2014 **Faculty of Biological Sciences, University of South Bohemia**
8 days advanced seminar on:
Multivariate Analysis on Ecological Data with CANOCO vs. 5.0 software
Instructors: **Dr. Jan Leps & Dr. Petr Smilauer**
1. Constrained ordination as multivariate regressions & permutation tests
 2. Classification & regressions trees, TWINSpan method, functional traits in community data analysis, measuring functional diversity
 3. Variation partitioning, forward selection, spatial patterns & spatial autocorrelation
 4. Comparing communities with co-correspondence analysis
- Duration: 9 – 16 February, Ceske Budejovice, Czech Republic
(there is certificate of attendance)*
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- J1c.** 2012 **Web seminar (online) concerning Analysis of Ecological Data with the use of Programme Language R**
Organization: Highland Statistics
Instructors: **Dr. Alain Zuur & Dr. Elena Ienko**
1. Data Exploration
 2. Linear Regression with R
 3. GLM for count data, binary data and proportional data with R and overdispersion
 4. GAM for count data, binary data and proportional data with R
- Duration: 6 months (March – August)
(there is certificate of attendance)*
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J1d. 2012 **Department of Life Sciences, University of Coimbra in collaboration with Highland Statistics**
5 days seminar on:
Analysis of Ecological Data Using Programming Language R
Instructors: **Dr. Alain Zuur & Dr. Elena Ienko**

1. Introduction to R and Data Exploration
(*outliers, collinearity, transformations, relationships, interactions*)
2. Linear Regression with R
(*theory, model selection, stepwise versus information theory approach, interactions, sketching model fits*)
3. GLM for count data, binary data and proportional data with R
(*Poisson, negative binomial, binomial distributions*) and how to deal with overdispersion)
4. GAM for count data, binary data and proportional data with R

Duration: 6 – 10 February, Coimbra, Portugal
(*there is certificate of attendance*)

J1e. 2010 **Faculty of Biological Sciences, University of South Bohemia**
10 days seminar on:
Multivariate Analysis on Ecological Data with CANOCO vs. 4.5 software
Instructors: **Dr. Jan Leps & Dr. Petr Smilauer**

1. Classical ordination methods (*PCA, CA, DCA, NMDS*)
2. Constrained ordination methods (*RDA, CCA*)
3. Methods of visualizing results of ordination methods (*Canodraw*)
4. Classification methods (*Cluster analysis, TWINSpan*), modern regression methods (*GLM, GAM, regression trees*)

Duration: 19 – 29 January, Ceske Budejovice, Czech Republic
(*there is certificate of attendance*)

J2.	NATIONAL SEMINARS ON DATA ANALYSIS
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J2a. 2012-2013 **Hellenic Physicists Union in co-operation with University of Thessaly**
100 hours seminar:
Statistic Analysis of Data with SPSS 19
Instructor: **Dr. Dionysios Vavougiou, Assistant Professor in the Department of Special Education, University of Thessaly**

1. Classical linear regression methods
2. ANOVA models (one-way, n-way, interactions, nested, repeated)
3. Correlation models
4. T-tests, chi-square

Duration: October 2012 – May 2013, Athens, Greece
(*there is certificate of attendance*)

K. ATTENDED NATIONAL & INTERNATIONAL SEMINARS - COURSES

- 2015 **Finalization seminar of the project: «National Network of Wildlife Observers»**
Organizers: Organization for the Protection and Medical Care of Wildlife ANIMA and Bodosakis Foundation
27 December 2015, Athens, Greece
- 2015 **Ministry of Productivity, Environment & Energy
Hellenic Agricultural Organization Demetra (ELGO - DEMETRA)
Institute of Forest Research**
1 day seminar on:
«Services and products for the support of preventing and managing forest fires and floods after fire»
26 March 2015, Athens, Greece
- 2014 **European Commission & FACE (*Federation of Organizations for Hunting and Wildlife Conservation in Europe*)**
Due to the 35 years of Birds Directive implementation
Organization of 1 day Conference:
«The new era for the Birds Directive»
23 September 2014, Brussels, Belgium
- 2014 **Ministry of Environment, Energy & Climate Change
Department of Environmental Management**
In the framework of Greece Presidency of the European Council
2 day seminar:
«Biodiversity in Greece aiming at 2020»
Meeting of all European Directors of Natura Committees 2000
24-25 April, Athens, Greece
- 2014 **Ministry of Environment, Energy & Climate Change
Directorate of Environmental Management**
1 day seminar on:
«Studies of Monitoring and Assessment of the Conservation Status of habitat types and species in Greece. 3rd National Report of Greece of the Article 17 of Habitats Directive 92/43/EK»
20 February, Athens, Greece
- 2014 **WWF Hellas & Ministry of Environment, Energy & Climate Change**
1 day seminar on:
«Financing Natura 2000: More and better opportunities for the programming period 2014-2020»
Work: «Improvement of the absorption of European funds for sites of the Natura 2000 network» - European Commission ENV.B.3/SER/2012/0020
21 January, Athens, Greece
- 2013 **FACE – Federation of Organizations for Hunting and Wildlife Conservation in Europe**
In the framework of European Strategy for halting biodiversity loss until 2020
1 day Conference :
«Biodiversity 2020: Hunting for solutions»
13 September 2013, Brussels, Belgium

2010	FACE – Federation of Organizations for Hunting and Wildlife Conservation in Europe
2014	Participation in international workshop team: Working group for Biodiversity – Defining & Redaction a Protocol for Biodiversity Protection & Management Συναντήσεις κάθε 4 μήνες στις Βρυξέλλες
2011	Ministry of Environment, Energy & Climatic Change 2 days seminar on: Biodiversity & Development 6-7 July, Athens, Greece
2011	National Agricultural Research Foundation (NAGREF) 1 day seminar on: Rural Economic Development & Agriculture 16 June, Athens, Greece
2010	Birdlife International & FACE (Federation of Organizations for Hunting and Wildlife Conservation in Europe) 2 days International Conference-Seminar on: Bird Conservation in the European Union: Planning for Recovery Action and Sustainable Use 23-24 November, Brussels, Belgium
2010	FACE – Federation of Organizations for Hunting and Wildlife Conservation in Europe Participation in a 2 days Workshop: Ad hoc Biodiversity Working Group 10-11 September, Brussels, Belgium
2010	ANIMA – Association for the Protection and Welfare of Wildlife 2 days seminar on: Biodiversity & Green Energy 4 – 5 July, Athens
2009	Military School of Foreign Languages I followed a two-week obligatory course during my military service, where I attained the specialty: “Official Military NATO translator” 20 March – 3 April, Athens
2002	Aristotle University of Thessaloniki, Greece (AUTH) Department of Informatics 400 hours seminar on Computers on: <i>Microsoft Word, Excel, Access, PowerPoint, FrontPage, Internet</i>

L. INVITED LECTURER

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| 2015 | Finalization seminar of the project: «National Network of Wildlife Observers»
Organizers: Organization for the Protection and Medical Care of Wildlife ANIMA and Bodosakis Foundation
<u>Lecture on:</u>
Field research and recording wildlife accidents: A valuable tool for management decisions
27 December 2015, Athens, Greece |
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- 2015 **Special scientific workshop for the bio-control of pest small mammals through the management of raptor species, for the environment and people**
 Organizers:
 Birdlife Cyprus & Israel Ornithological Center
Lecture on:
Management and conservation of Barn owl population for the bio-control of pest small mammal population outbreaks: The inauguration of a long-term nest box network in the agricultural ecosystem of Thessaly
 22-23 June, Nikosia, Cyprus
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- 2015 One day seminar on:
Halting biodiversity loss in agricultural ecosystems: Challenges, Research and Targeted Actions
 Organizers:
 Hellenic Agricultural Organization “Demeter” – ELGO DEMETER
 Agricultural Economics & Policy Research Institute
Seminar which was organized for the presentation of my post-doc research. 4 presentations by me, with the participation of researchers, Ministry of Environment, NGOs
Lecture 1: The research for biodiversity indices in the agricultural ecosystems of Thessaly and the project AGROETAK 3240/62. Main pillars and research targets
Lecture 2: The meaning of biodiversity in agricultural ecosystems: Choosing passerines as indices and research methodology in Thessaly agricultural plains
Lecture 3: «Management» of Barn owl population for the bio-control of pest small mammals outbreaks: The Israel program, the first application in Thessaly, and preliminary results from the collaboration with Lausanne University
Lecture 4: Expected results of the research project AGROETAK 3240/62: Creation of a targeted technical guide and increase of existing knowledge for specific actions
Location: **Institute of Mediterranean Forest Ecosystems & Technology of Forest Products**
 15 May 2015, Ilisia, Athens
-
- 2011 **Special Scientific Workshop for rock partridge population in Europe**
Organizers:
 Birdlife International & FACE (Federation of Associations for Hunting and Conservation of the European Union)
Delivered lecture on:
Rock partridge (*Alectoris graeca graeca*) population density and trends in central Greece
 28 October 2011, Bolzano, Italy
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- 2005 **University of Salamanca, Department of Animal Biology**
 & Course: Vertebrates
 2006 Delivered 2 hour lecture on:
The feeding habits of Barn owl (*Tyto alba*) in agricultural ecosystems of Thessaly, central Greece
 18 March 2005 and 13 February 2006, Salamanca, Spain
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M. LIST OF PUBLICATIONS

M1. Doctoral Thesis (Ph.D.)

- 1.1 **Bontzorlos V.A.** (30 January 2009) “*The feeding ecology of the Barn owl (Tyto alba) in the agricultural ecosystems of central Greece: Its application on the distribution and abundance of its prey*”. University of Salamanca, Spain

M2. Published articles in Peer Review International SCI Journals with Impact Factor

- 2.1 **Bontzorlos V.A.**, Peris S.J., Vlachos C.G. & D.E. Bakaloudis. 2005. The diet of Barn owl (*Tyto alba*) in the agricultural landscapes of central Greece. *Folia Zoologica*, 54(1), 99-110
- 2.2 Vlachos C.G., Bakaloudis D.E., Alexandrou O.G., **Bontzorlos V.A.** & M. Papakosta. 2008. Factors affecting the nest-site selection of the Black Stork *Ciconia nigra* in the Dadia-Lefkimi-Soufli National Park, north-eastern Greece. *Folia Zoologica*, 57(3): 251-257
- 2.3 Bakaloudis D.E., Vlachos C.G., Chatzinikos E., **Bontzorlos V.A.** & M. Papakosta. 2009. Breeding habitat preferences of the Turtle Dove (*Streptopelia turtur*) in the Dadia – Soufli National Park and its implications for management. Original Paper, *European Journal of Wildlife Research*, 55(6): 597-602
- 2.4 **Bontzorlos V.A.**, Peris S.J., Vlachos C.G. & D.E. Bakaloudis. 2009. Barn owl (*Tyto alba*) prey in Thessaly, and evaluation of diets throughout Greece. *Ardea*, 97(4): 625-630
- 2.5 Bakaloudis D.E., Iezekiel S., Vlachos C.G., **Bontzorlos V.A.**, Papakosta M.A. & S. Birrer. 2011. Assessing bias in diet methods of the Long-legged Buzzard *Buteo rufinus*. *Journal of Arid Environments*, 77: 59-65
- 2.6 Bakaloudis D.E., Vlachos C.G., Papakosta M.A., **Bontzorlos V.A.** & Chatzinikos G.E. 2012. Diet composition and feeding strategies of the stone marten (*Martes foina*) in a typical Mediterranean ecosystem. *The Scientific World Journal*, 2012: (article ID: 163920, 11 pages, doi: 10.1100/2012/163920)
- 2.7 **Bontzorlos V.A.**, Vlachos C.G., Bakaloudis D.E., Chatzinikos E.G., Dedousopoulou E., Kiousis D. & C. Thomaidis. 2012. Rock partridge (*Alectoris graeca graeca*) population density and trends in central Greece. *Animal Biodiversity & Conservation* 35(2): 1-9
- 2.8 Christos G. Vlachos, Dimitrios E. Bakaloudis, Kyriaki Kitikidou, Vassilis Goutner, **Vasileios Bontzorlos**, Malamati A. Papakosta & Evangelos Chatzinikos. 2014. Home range and foraging habitat selection by breeding lesser kestrels (*Falco naumanni*) in Greece. *Journal of Natural History* (DOI: 10.1080/00222933.2013.825022)
- 2.9 Bakaloudis D.E., **Bontzorlos V.A.**, Vlachos C.G., Papakosta M.A., Chatzinikos E.N., Braziotis S.G. & Kontsiotis V.J. 2015. Factors affecting the diet of the red fox (*Vulpes vulpes*) diet in a heterogeneous Mediterranean landscape. *Turkish Journal of Zoology*, 39(6): 1411-1422 (DOI: 10.3906/zoo-1411-22)
- 2.10 Reto Burri, Sylvain Antoniazza, Arnaud Gaigher, Anne-Lyse Ducrest, Celine Simon, Luca Fumagalli, Raul Alonso, Ketty Alevra, Alain Beaufils, Christine Blaize, Giovanni Boano, **Vasileios Bontzorlos**, Guy Burneleau, Motti Charter, Aris Christidis, Johan De Jong, Klaus Dichmann, Jens Frank, Maria Ganoti, Julien Gonin, Karl-Heinz Graef, Pierre Iseli, Herbert Keil, Akos Klein, Ernst Kniprath, Frantisek Krause, Olivier Lambert, Rui Lourenço, Petros Lymberakis, Ana Marques, Hans-Dieter Martens, Karel Poprach, Anne Previato, Miguel Puig Riera, René Riep, Inês Roque, Milan Ruzic, Horst Seeler, Jozsef Sihelnik, Felipe Siverio, Julien Soufflot, Florian Steiner, Ricardo Tomé, Istvan Tórizs, Friedhelm Ziemann, Iñigo Zuberogoitia, Jerome Goudet & Alexandre Roulin. 2015. The genetic basis of color related local adaptation in a ring-like colonization around the Mediterranean. *Evolution*, 70(1): 140-153

M3 Submitted articles under review in Peer Review international SCI Journals with Impact Factor

- 3.1 **Bontzorlos Vasileios** & David Johnson. 2014. Co-evolution of human societies and nocturnal raptors in Greece. A synthesis through survey data analysis and historical review with conservation implications. *Journal of Ethnobiology*

M4. Scientific articles in preparation

- 4.1 Boris Krystufek, Tana Zorenko & **Vasileios Bontzorlos**. 2014. Distribution, taxonomy and habitat modelling of Guenther's vole (*Microtus hartingi*) in the Balkans

M5. Publications in form of Extended Abstracts in Proceedings of International Scientific Congresses (after Peer Review process)

- 5.1 **Bontzorlos V.A.**, Vlachos C.G., Chatzinikos E., Dedousopoulou E.A. & D.K. Kiouisis. 2011. Rock partridge (*Alectoris graeca graeca*) population density and trends in central Greece. In: "Extended Abstracts of 30th IUGB (International Union of Game Biologists) and 8th Perdix Congress", pages 45-46 . Barcelona, Spain, 5-9 September

M6. Publications in form of Abstracts in Proceedings of International Scientific Congresses (after Peer Review process)

- 6.1 **Bontzorlos V.A.**, Peris S.J., Vlachos C.G. & D.E. Bakaloudis. 2004. The diet of Barn owl (*Tyto alba*) in an agricultural landscape of Central Greece. In: "Abstracts of International Symposium on Ecology and Conservation of Steppe-Land Birds", page 95. 1st International Symposium on the Ecology and Conservation of Steppe Land Birds. Lleida, Spain, 3-7 December
- 6.2 Bakaloudis D.E., Vlachos C.G., Merou T.H., **Bontzorlos V.A.** & J. Takos. 2007. The effect of two road categories on wildlife in Dadia-Lefkimi-Soufli National Park, north-eastern Greece. In: "ECOLOGY, Scientific Articles 2007, Vol. I", (Ed. I.Genov), pages 13-19. 16th International Symposium on Ecology organized by the Bulgarian Academy of Sciences. Sunny Beach, Bulgaria, 4-9 June
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- 6.9 **Bontzorlos V.A.**, Peris S.J., Vlachos C.G. & D.E. Bakaloudis. 2007. New data on the distribution of three Insectivora species in Thessaly, central Greece. In: "VIII Jornadas de la SECEM, Huelva

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- 2007", page 23. 8th Congress of the Spanish Society of Mammalogists. Huelva, Spain, 5-8 December
- 6.10** Bakaloudis, D.E., Vlachos, C.G. & **V.A. Bontzorlos**. 2008. Effects of ecotourism on vulture's presence at a feeding station in Dadia-Lefkimi-Soufli National Park, NE Greece. In: 17th International Symposium on «Ecology and Safety». Sunny Beach, Bulgaria, 9-13 June
- 6.11** Bakaloudis D.E., Vlachos C.G., Chatzinikos E., **Bontzorlos V.A.**, Dedousopoulou E.A., Kiouisis D.K. & M. Papakosta. 2009. European hare (*Lepus europaeus*) density response in Mediterranean ecosystems. In: "Book of Abstracts of the International Union of Game Biologists XXIX Congress, Part I", page 294. 29th IUGB (International Union of Game Biologists) Congress. 17-23 August, Moscow, Russia
- 6.12** **Bontzorlos V.A.**, Peris S.J., Vlachos C.G., Bakaloudis D.E. & I. Torre. 2009. Barn owl feeding habits in Mediterranean agro-ecosystems of Central Greece: spatial and temporal diet patterns. In: "Conference Programme Book of 2009 Annual Raptor Research Foundation Congress", pages 40-41. Raptor Research Foundation Annual Conference (RRF). Pitlochri, Scotland, 29 September - 4 October
- 6.13** **Bontzorlos V.A.**, Peris S.J., Vlachos C.G., Bakaloudis D.E. & I. Torre. 2009. Recreation of Karla Lake in central Greece: does it produce an optimum foraging habitat for Barn owls? In: "Conference Programme Book of 2009 Annual Raptor Research Foundation Congress", page 80. Raptor Research Foundation Annual Conference (RRF). Pitlochri, Scotland, 29 September - 4 October
- 6.14** **Bontzorlos V.A.**, Vlachos C.G., Chatzinikos E., Kiouisis D. & E. Dedousopoulou. 2011. Rock partridge (*Alectoris graeca graeca*) population density and trends in Central Greece. In "Book of Abstracts of the International Union of Game Biologists XXX Congress", page 115. 30th IUGB (International Union of Game Biologists) Congress. 5-9 September, Barcelona, Spain
- 6.15** **Bontzorlos V.A.**, Vlachos C., Bakaloudis D. & S. Peris. 2011. How to explore nocturnal raptors' foraging and diet patterns in large spatial scales, with the application of multivariate statistical models: An example with the Barn owl (*Tyto alba*) from central Greece. In: "Book of Abstracts of the 1st International Conference on the Survey, Monitoring and Conservation of Long-eared owl (*Asio otus*)", page 19. 1st International Conference on the Survey, Monitoring and Conservation of Long-eared owl (*Asio otus*). 1-5 November, Kikinda, Serbia
- 6.16** Vlachos C.G., Bakaloudis D.E., Kitikidou K., Goutner V., **Bontzorlos V.A.**, Papakosta M.A., & Chatzinikos E. 2012. Home range size and foraging habitat use by breeding Lesser kestrels (*Falco naumanni*) in agroecosystems of central Greece. In: "Abstracts of the 12th International Congress on the Zoogeography, Ecology & Evolution of Southeastern Europe and the Eastern Mediterranean", page 192. 12th International Congress on the Zoogeography, Ecology & Evolution of Southeastern Europe and the Eastern Mediterranean (ICZEGAR). 18-22 June Athens, Greece
- 6.17** Dedousopoulou E., Chatzinikos E., Kiouisis D., Bontzorlos V.A. & Thomaidis C. 2013. Population status, density and trends of Chukar partridge (*Alectoris chukar*) in Greece. 31st International Congress of the Game Biologists Union. 27-29 August, Brussels, Belgium
- 6.18** Dedousopoulou E., Chatzinikos E., Bontzorlos V.A., Kiouisis D., Vlachos C.G. & Bakaloudis D. 2013. Population density and trends of Wild boar (*Sus scrofa*) in central Greece. 31st International Congress of the Game Biologists Union. 27-29 August, Brussels, Belgium
- 6.19** **Bontzorlos V.A.** 2015. Monitoring vole diversity in intensified agro-ecosystems through large spatial scale analyses of Barn owl prey use. In «Abstracts of the 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions», page 23, 13th International Congress of Zoogeography and Ecology in Greece and adjacent regions. 7-11 October, Heraklion, Crete (Oral)
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- 6.20 Bontzorlos V.A.** 2015. Halting biodiversity loss in agro-ecosystems of central Greece: Creating a technical guide for targeted restructuring selected elements in the agricultural landscape, in order to produce agri-environmental schemes. In «*Abstracts of the 13th International Congress on the Zoogeography and Ecology of Greece and adjacent regions*», page 97, 13th International Congress of Zoogeography and Ecology in Greece and adjacent regions. 7-11 October, Heraklion, Crete (Poster)

M7. Publications in form of Abstracts in Proceedings of National Scientific Congresses (after Peer Review process)

- 7.1 Bontzorlos V.A.,** Vlachos C.G., Bakaloudis D.E. & S. Peris. 2011. Assessment of nocturnal raptors trophic ecology in large spatial scales with the use of multivariate statistical models: The case of Barn owl (*Tyto alba*) in the agricultural ecosystems of Thessaly plain. In: “*Multi-purpose forestry and climatic change – Protection and development of natural resources. Presentations abstracts*”, page 38. 15th National Hellenic Forestry Congress. 16-19 October, Karditsa, Greece

N. ORAL PRESENTATIONS not included IN PUBLISHED ABSTRACTS

N1. Oral presentation in international meetings

- 1.1 Bontzorlos V.A.** 2012. Scientific Research Programs «ARTEMIS I» and «ARTEMIS II»: 17 years of monitoring game species populations in Greece through the recording of their harvest. General Assembly of the Federation of Associations for Hunting and Conservation of the European Union (FACE). 27-29 April, Athens, Greece
- 1.2 Bontzorlos V.A.** 2013. Game-Guard Body of Hunting Organizations in Greece: A conservation “Success-story”. International Conference: “Biodiversity 2020: Hunting for Solutions” organized by the Federation of Associations for Hunting and Conservation of the European Union (FACE). 13 September, Brussels, Belgium

N2. Oral presentations in national meetings

- 2.1 Bontzorlos V.A.** 2012. Conservation status of waterfowl avian species in areas with and without hunting. One-day seminar organized by Hellenic Hunters Confederation and 5th Hunting Federation of Epirus. 27 June 2012, Arta, Greece
- 2.2** Vlachos Ch., Konstantinidis P., Pafilis P., Papadopoulos Th., Chatzinikos E., **Bontzorlos V.**, Alcalde J.T., Avtzis D., Ioannidis A., Vlachaki D. & Melikoki K. 2015. Monitoring and assessment of habitat types and fauna species in the National Park of Dadia-Lefkimi-Soufli Forest. National Conference: «Biodiversity in National Park of Dadia-Lefkimi-Soufli Forest: Conservation lessons for protected areas. 14-15 November, Dadia, Greece