



Alis-Luciana Petrescu Bakış



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● EDUCATION AND TRAINING

09/2014 – 06/2015 – Vila Real, Portugal

FULL YEAR ERASMUS MOBILITY FOR STUDIES – University of "Trás-os-Montes e Alto Douro"

- Technical skills such as working with R-software for statistical analysis, Stochastic Dynamic Methodology (StDM), Stella-modelling and simulation software, SAM (Spatial Analysis in Macroecology) program during the realization of my master thesis named "**Maximizing bird populations and functional biodiversity in agroecosystems: using a stochastic dynamic model supported application in the Demarcated Douro Region, Portugal**", coordinated by Prof.Mário Gabriel Santiago dos Santos, Laboratory of Applied Ecology, Department of Biology and Environment from University of "Trás-os-Montes e Alto Douro", and co-coordinated by Prof.Liviu-Daniel Galațchi, Department of Natural Sciences from University "Ovidius" of Constanța.
- Voluntary activity consisting in insects identification during April-May 2015 for the work named "**Seasonal activity of bat's community and trophic availability of prey on indigenous deciduous forests**", under the coordination of Eng. Paulo Barros and under the advices of Prof. Dr. João Alexandre Ferreira Abel dos Santos Cabral, within the University of Trás-os-Montes e Alto Douro and with the support of the Laboratory of Applied Ecology (LEA).

EQF level 7 | <https://www.utad.pt/>

10/2013 – 07/2015 – Constanta, Romania

MASTER OF ENVIRONMENTAL SCIENCES – "Ovidius" University of Constanta

- Acquiring knowledge and professional skills such as the ability to undertake controlled experiments and trials, the ability to use appropriate analytical techniques to identify and quantify toxins, ability to analyze and interpret data, ability to use ecological modeling and simulation and to extrapolate results to real world, the ability to analyze and evaluate environmental problems and to design conservation projects and finally the ability to draft scientific and technical reports.
- Defending my master thesis named "**Maximizing bird populations and functional biodiversity in agroecosystems: using a stochastic dynamic model supported application in the Demarcated Douro Region, Portugal**" obtaining 10 grades (the best grade in my university being 10 and the worst grade being 1).
- Voluntary activity consisting in performing birds' census and surveys in the Danube Delta Biosphere Reserve, Romania for a study named "**Contributions to the knowledge of the avifauna of Somova-Parches lake complex**", under the coordination of Prof.Liviu-Daniel Galațchi from Department of Natural Sciences of "Ovidius" University of Constanța.

10 | EQF level 7 | ECTS | 120 | <http://snsa.univ-ovidius.ro/>

10/2010 – 07/2014 – Constanta, Romania

BACHELOR OF LAW – "Ovidius" University of Constanta

- Acquiring knowledge in the fundamental areas of law: constitutional, administrative, civil, criminal, civil and criminal procedure, commercial, labor, environmental.
- Knowledge about the European and Romanian Environmental legislation, especially about the Environmental Authorization Procedure and skills for making of Environmental Impact Assessment Study achieved during the writing of my bachelor thesis named "**Regulation of the activities with significant environmental impact. Study case: the complete environmental authorization procedure based on a wind farm**" coordinated by Prof. Dr. Florica Brașoveanu.

8.12 | EQF level 6 | ECTS | 240 | <https://drept.univ-ovidius.ro/>



BACHELOR OF ENVIRONMENTAL SCIENCES – "Ovidius" University of Constanta

- My bachelor thesis in Environmental Sciences named "**Elements of human ecology in Somova locality, Tulcea county: life expectancy and other demographic characteristics**" was carried out between march-June 2013 in Danube Delta Biosphere Reservation, Romania. This project was coordinated by Professor Dr. Liviu-Daniel Galațchi within the Department of Natural Sciences, "Ovidius" University of Constanta. I have performed field monitoring and demographic characterization of human populations as ecological indicators, data management, life table analyses, surviving analyses and life expectancy analysis.
- I took part in a scientific project named "**Is range limited by life history, environmental conditions, or bio-geographical barriers? A study case using spade-foot toads (genus Pelobates)**" (reference number :PN-II-PCE-2011-3-0173), carried out in "Histria" Natural Reservation, Romania. My contribution included field monitoring, bio-metric measurements on the amphibians and reptiles and field surveys for a Testudo graeca ibera population using land appliances, land records and GPS system between April-June 2013 and March-June 2014. The leading researcher is Prof. Dr. Dan Cogalniceanu and the coordinator and funding institutions are "Ovidius" University of Constanta, supported by a grant of the Romanian National Authority for Scientific Research, CNCS - UEFISCDI.

10 | EQF level 6 | ECTS | 180 | <http://snsa.univ-ovidius.ro/>

● **PUBLICATIONS**

"Is biodiversity linked with farm management options in vineyard landscapes? A case study combining ecological indicators within a hybrid modelling framework"

(Petrescu Bakış et al., 2021)

<https://doi.org/10.1016/j.ecolind.2020.107012> – 2021

- This manuscript have been published in the **Ecological Indicators** Journal.

● **LANGUAGE SKILLS**

Mother tongue(s): **ROMANIAN**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C1	C1	C1	C1
TURKISH	B2	B1	B2	B2	B1
PORTUGUESE	A2	A2	A1	A1	A1
SPANISH	A2	A2	A1	A1	A1
FRENCH	A1	A1	A1	A1	A1

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

● **DRIVING LICENCE**

Driving Licence: **B**