



Curriculum vitae Europass

Personal informations

First name(s): Surname(s): **LAZĂR ANCA-ALINA**

Address Hlincea Street, Number 31, Block 1051, Staircase C, Floor 2, Apartment 7, Iasi, Romania

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Nationality Romanian

Birth date 19 August 1977

Gender Female

Current position /

Occupational field

Dates

Lecturer at TU Iasi/Topography

February 2017 → present

Occupation or position held

Lecturer

Main activities and responsibilities

- teaching lectures, projects and practical laboratory works,
- organization of practical activities for students,
- scientific coordinator of bachelor theses.

Name and address of employer

"Gheorghe Asachi" Technical University of Iasi, Dimitrie Mangeron Boulevard, no.67, 700050, Iasi, Romania, Phone/Fax +40232231041, <http://www.tuiasi.ro>

Type of business or sector

Engineer, Civil Engineering, Geodetic Engineering

Professional experience

Dates

February 2005 - February 2017

Occupation or position held

Teaching Assistant

Main activities and responsibilities

- teaching lectures, projects and practical laboratory works,
- organization of practical activities for students,
- scientific coordinator of bachelor theses.

Name and address of employer

"Gheorghe Asachi" Technical University of Iasi, Dimitrie Mangeron Boulevard, no.67, 700050, Iasi, Romania, Phone/Fax +40232231041, <http://www.tuiasi.ro>

Type of business or sector

Engineer, Civil Engineering, Geodetic Engineering

Dates

October 2004 – December 2004

Occupation or position held

Geodesy Dipl. Engineer

Main activities and responsibilities

Carrying out works related to geodesy and cadastre domains

Name and address of employer

SC Toposerv SRL, Iasi

Type of business or sector

Carrying out works related to Geodesy, Topography, Cadastre and Cartography domains

Dates **September 2002 – October 2004**
Occupation or position held Geodesy Dipl. Engineer
Main activities and responsibilities Checking the Land Registry documentation in electronic format, verification of property titles
Name and address of employer County Office of Cadastre, Geodesy and Cartography Iași, street Costache Negri no. 48
Type of business or sector Activity in the field of cadastre

Education and training

Period **October 2011 – September 2014**
Title of qualification awarded **PhD in Civil Engineering**, by Order no.2938 MD of the Ministry of Education, Research and Innovation from 05.12.2014
Disciplines approach/competence Thesis title: „**Contributions to achieve agricultural cadastre information system**”, scientifically coordinator: Ph.D.M.Sc.Eng. prof Florian STĂTESCU.
Name and type of organisation providing education and training “Gheorghe Asachi” Technical University of Iasi, Dimitrie Mangeron Boulevard, no.67, 700050, Iasi, Romania, Phone/Fax +40232231041, <http://www.tuiasi.ro>

Period **1997 – 2002**
Qualification/diploma **Diplomat Eng., profile of Geodetics , Cadastre specialization**
Disciplines approach/competence -Design and development of projects for geodetic networks implementation by means of satellite and terrestrial technologies;
-Achievement of topo-geodetic measurements for drawing up topographic plans for different objectives, preparation of cadastral documentation for real estate, new construction staking and their behavioral monitoring over time;
-Development of single and integrated cartographic products in a Territorial Information System;
-Using information technology in solving engineering problems, regarding both the numerical methods applications and the computer assisted graphics;
Name of the trainer Technical University “Gheorghe Asachi” of Iasi, Romania, Bd. Dimitrie Mangeron, no.67, 700050 Iasi, Romania, Phone/Fax +40232231041, <http://www.tuiasi.ro/>, Hydrotechnical Faculty.

Personal skills and competence

Mother tongue	Romanian							
Other languages	English							
Self-assessment	Understanding		Speaking				Writing	
<i>European Level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	Written Expression			
<i>English language</i>	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	

Social skills and competences Flexible person, dynamic, communicative, team spirit, ability to adapt.

Organisational skills and competences Coordinator of diploma works
Facile interactions with the academic, economic and geodetic domains.

Technical skills and competences - Technic A.N.C.P.I. expert in the field of Cadastre (D)
-Usage of modern tools for topographic measurements and processing

Computer skills and competences - Microsoft Office Word, Excel, PowerPoint.
- AutoCAD Map, ArcGIS, CloudCompare.
- TopoSys, TopoLT, ProfLT.

Artistic skills and competences Passionate of design and 3D graphic.

Drivers' certificate Driver License B category

Additional information's

Co-author at 13 scientific papers "in extenso"

Co-author of one specialized books

Member of Romanian Geodetics Union

Organizer of national and international scientific manifestations: Member of organizing committee of "Scientific Symposium with International participation Geomat" (2013-2019, 2021,2022, 2023), Faculty of Hydrotechnical Engineering, Geodesy and Environmental Engineering, Iasi

Annexes

Ph.D. Thesis: „Contributions to achieve agricultural cadastre information system”, Technical University “Gheorghe Asachi” of Iași, Romania, Bd. Dimitrie Mangeron, no.67, 700050 Iasi, Romania, Phone/Fax +40232231041, <http://www.tuiasi.ro/> , Scientifically coordinator: Ph.D.M.Sc.Eng. prof Florian STĂTESCU.

Scientific papers (ISI journals)

1. Valeria-Ersilia Oniga , Ana-Maria Loghin , Mihaela Macovei , **Anca-Alina Lazar** , Bogdan Boroianu and Paul Sestras: *Enhancing LiDAR-UAS Derived Digital Terrain Models with Hierarchic Robust and Volume-Based Filtering Approaches for Precision Topographic Mapping*. Remote Sens. 2024, 16, 78. <https://doi.org/10.3390/rs16010078>

Scientific papers (indexed BDI)

1. **Lazăr A.A.**, Padure D.: *Solving the procedural stage regarding the land that are pending at the courts through the contribution of the expert in the field of cadastre*, Journal of Geodesy and Cadastre RevCAD no. 23, ISSN 1583–2279, pg. 131-136, 2017

2. **Lazăr Anca-Alina**, Padure D.: The judicial technical expert's involvement in the clarification of litigious situations, from topography, cadastre and geodesy domains, Journal of Geodesy and Cadastre RevCAD no. 21, ISSN 1583–2279, pg. 73-80, 2016

3. **Lazăr Anca-Alina**, Pîrvan Costinela: Experimental model evaluation on agricultural land, Journal of Geodesy and Cadastre RevCAD no. 18, ISSN 1583–2279, pg. 45-54, 2015

4. Pîrvan Costinela, **Lazăr Anca-Alina**: Proposed solutions for a textual structured database related to the data provided by the general cadastre, Journal of Geodesy and Cadastre RevCAD no. 18, ISSN 1583–2279, pg. 126-131, 2015

5. Pîrvan Costinela, **Lazăr Anca-Alina** : Proposed solutions for a textual structured database information system of lands with build in irrigation works, Journal of Geodesy and Cadastre RevCAD no. 18, ISSN 1583–2279, pg. 142-146, 2015

6. **Lazăr Anca-Alina**, Pădure D., Pîrvan Costinela: Using GIS for a database on agricultural land, Journal of Geodesy and Cadastre RevCAD no. 16, ISSN 1583–2279, pg. 170-177, 2014

7. Hogaș H., Pîrvan Costinela, **Lazăr Anca-Alina**: Background on making a Geographic Information System database for the hydro-ameliorative layout "The Berezeni organization for the use of water for irrigation", RevCAD No. 15, pg. 322-328, 2013

8. **Dragoș Anca-Alina (Lazăr)**, Stătescu F., Pădure D., Mapping soil on the Farm Cristești, jud. Iași. Journal of Geodesy and Cadastre, RevCAD No. 13, pag. 68-74, 2012

9. Adam Geanina Cosmina, Mihai G.I., **Lazăr Anca-Alina**: Modern specific software used in structural engineering, architecture, urbanism and town planning, The 8 th International symposium Computational Civil Engeneeric , Iasi, revista Intersecții , ISBN 978-973-8955-87-5, pg.199-204, 2010

Scientific papers (journals unindexed)

1. Padure D., **Lazăr Anca-Alina**.: Role and contribution judicial technical expert, the field of topography, cadastre and geodesy, the current legislative framework regarding the settlement dispute cases, Simpozionului Științific Internațional „Utilizarea eficientă a resurselor hidro-funciare în condițiile actuale – realizări și perspective” vol. 46 – Cadastru și Drept, Chișinău, Republica Moldova, ISBN 978–9975-64-285-9, pg. 128-131, 2016

2. **Lazăr Anca-Alina**, Hogaș H., Pîrvan Costinela: Solutions proposed for achieving agricultural cadaster, volumul simpozionului Geomat 2013, 14-16 noiembrie 2013, Iași , România, ISBN 978-606-685-243-2, pg. 50-54, 2013.

3. Ilioi D., **Lazăr Anca-Alina**, Bofu C.: Modelul Harold Black pentru determinarea erorilor datorate refracției troposferice la măsurătorile G.P.S. , Buletinul Institutului Politehnic din Iasi, tomul LVI, fasc.4, sectia Hidrotehnica, pg.39-43, 2010

Books

1. Chirilă Constantin, **Lazăr Anca-Alina** – *Proiecții cartografice. Îndrumător de lucrări practice și proiect*, Editura Tehnopress, Iași, 2019, ISBN 978-606-687-392-5, 105 pg.

Research contracts

1. Member in research team: 2019-2020, *Constituirea unei platforme topo-cadastrale informatice pentru imobilul reprezentat de platforma camine studentesti, cantina si baza sportiva, apartinand Universitatii Tehnice “Gheorghe Asachi” din Iasi, localizat in Municipiul Iasi, B-dul Tudor Vladimirescu*, beneficiar Universitatea Tehnică „Gheorghe Asachi” din Iași, Contract nr.1869/2019.perioada 2019-2020, Suma: 50000 lei.

2. Member in research team: 2019-2024 „*Proiecteaza-ti viitorul la Hidrotehnica, Geodezie si Ingineria Mediului – BE SMART!*” proiect nr. AG 260/SGU/NC/II privind invatamantul secundar ROSE, perioada 2019-2022, Suma:653812 lei.

Date
May 2024

Signature

