



Europass Curriculum Vitae

Personal information



First name(s) / Surname(s) **MIHAELA MACOVEI**
Address Constantin Langa Street, Number 151A, MIROSLAVA, Postal Code 707305, ROMANIA
Telephone(s) - Mobile 0745543785
E-mail(s) cardei_mihaela@yahoo.com
Nationality romanian
Date of birth 01 February 1984
Gender Female

Professional experience

Dates February 2017 → Present
Occupation or position held **Lecturer**
Main activities and responsibilities - projects and practical laboratory works for cadastre,
-teaching institutions of law and cadastral legislation,
- teaching cartographic drawing
- scientific coordinator of bachelor theses
- scientific coordinator of master theses.
Name and address of employer "Gheorghe Asachi" Technical University of Iasi
Bd. Dimitrie Mangeron, No. 67, Postal Code 700050 Iasi (Romania)
Phone/Fax: +40232231041; <http://www.tuiasi.ro>
Type of business or sector Engineer, Civil Engineering, Geodetic Engineering

Dates June 2015 → Present
Occupation or position held **Judicial technical expert**
Main activities and responsibilities - expertise reports in cadastre, for resolving disputes in the field
Name and address of employer Ministry of Justice
Bucharest (Romania)
Phone/Fax: +40372041999; <http://www.just.ro>
Type of business or sector cadastre, geodesy and topography

Dates November 2008 - September 2010
Occupation or position held **Geodesy Dipl. Engineer**
Main activities and responsibilities Work performed during the project and the General Cadastre Data Bank Urban Iasi
Name and address of employer S.C. GEOTOP 2001 S.R.L.
BUCURESTI (Romania)
Type of business or sector cadastre, geodesy and topography

Dates	June 2007 - October 2008
Occupation or position held	Geodesy Dipl. Engineer
Main activities and responsibilities	<p>Land cadastral documentation book for land and buildings, apartments.</p> <p>Dismantling cadastral documentation, accessions for land and construction.</p> <p>Parceling</p> <p>Regional urban plans.</p> <p>I attended both the field work, and the office for important works such as:</p> <ul style="list-style-type: none"> - Common PUZ Tulucesti, Galati, - PUZ for different areas of Iasi. - Plans of projects needed water / sewer from different localities of Iasi, Galati, Neamt, Vaslui
Name and address of employer	S.C. HOTARNIC S.R.L. Cazarmilor, No. 4, 700551 IASI (Romania)
Type of business or sector	cadastre, geodesy and topography

Education and training

Dates	October 2010 - November 2013
Title of qualification awarded	PhD in Civil Engineering
Disciplines approach/competence	Ph.D.Thesis Title: „CONTRIBUTIONS TO THE STUDY OF TOPO-CADASTRAL BASE AND DYNAMICS OF THE PROPERTIES IN A TERRITORIAL ADMINISTRATIVE UNIT”
Name and type of organisation providing education and training	"Gheorghe Asachi" Technical University of Iasi Bd. Dimitrie Mangeron, No. 67, Postal Code 700050 Iasi (Romania) Phone/Fax: +40232231041; http://www.tuiasi.ro
Dates	October 2002 - July 2007
Title of qualification awarded	Diplomat Eng., profile of Geodetics, Cadastre specialization
Principal subjects / occupational skills	<ul style="list-style-type: none"> -Instruments and Measurement Methods -Adjustment Theory and Statistics -Programation and computer management -Mathematical Geodesy -Spatial Geodesy -Automatic Processing of Geodetic Data -Photogrammetry -Topography -Cadastre -Electronic Distance Measurements -Map projections -Civil and Industrial Building Depreciation -Monitoring land and building structure deformations -Cadastral Information System -Database Systems
Name and type of organisation providing education and training	"Gheorghe Asachi" Technical University of Iasi Bd. Dimitrie Mangeron, No. 67, Postal Code 700050 Iasi (Romania) Phone/Fax: +40232231041; http://www.tuiasi.ro

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s) English, French

Self-assessment European level (*)	Understanding		Speaking		Writing	
	Listening	Reading	Spoken interaction	Spoken production	A1	A1
FRANCEZA	A2 Basic User	A2 Basic User	A1 Basic User	A1 Basic User	A1 Basic User	A1 Basic User
English	B1 Independent user	B2 Independent user	A2 Basic User	A1 Basic User	B2 Independent user	

(*) Common European Framework of Reference (CEF) level

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| Social skills and competences | - Qualities to work with people in the team;
- Adapting quickly to new work requirements. |
| Technical skills and competences | Microsoft Office(Word, Excel, Power Point, Acces) , Platforme AutoCad 2005, GTX 2005, Topo LT, Toposys, Generare CP, internet browsing.
TopoLT.
Using total station Leica and GPS. |
| Other skills and competences | - Socialization, discipline, ability to learn new things in a short time
- Punctuality, communication, adaptability, perseverance, teamwork, |

Annexes Significant works published

1. Moca V. , Popia A., Savu C-tin, Cârdei M., Bucur D., Updating the basic topographic plans from cadastral territories with pipe drainage system, Environmental Engineering and Management Journal, Volume 15/2016, no. 6, 2016, Iasi, Romania, ISSN 11843-3707, pag. 1259-1268.
2. Oniga V. E., Constantin Chirila, Macovei M., Low-cost aerial unmanned aerial systems in cadastral applications, 16th International Multidisciplinary Scientific Geo Conference, SGEM 2016, Albena, Bulgaria, Book 2 Informatics, Geoinformatics and Remote Sensing, Volume II, 2016, ISSN: 1314-2704, DOI : 10.5593/sgem2016B22, pag. 947-954.
3. Hogas H. I., Cârdei M., Bofu C-tin, Lupu G. I., Analysis of the land inventory works by 165/2013 law from the perspective of introducing, Revista "Lucrări științifice. Seria Agronomie - Volumul 58 nr. 2/2015, Editura "Ion Ionescu de la Brad" Iași, 2015, PRINT ISSN 1454-7414, ELECTRONIC ISSN 2069-6727, CD-ROM 2285-8148, pag. 117-122.
4. Oniga E., Cârdei M., Vertical accuracy evaluation of digital terrain models created based on line-following digitization of contour maps, Revista "Lucrări științifice. Seria Agronomie - Volumul 58 nr. 1/2015, Editura "Ion Ionescu de la Brad" Iași, 2015, PRINT ISSN 1454-7414, ELECTRONIC ISSN 2069-6727, CD-ROM 2285-8148, pag. 171-176.
5. Cârdei M., Pădure D., Creating a informational cadastral system for the unincorporated areas, Revista "Lucrări științifice. Seria Agronomie - Volumul 58 nr. 2/2015, Editura "Ion Ionescu de la Brad" Iași, 2015, PRINT ISSN 1454-7414, ELECTRONIC ISSN 2069-6727, CD-ROM 2285-8148, pag. 105-110.
6. Hogaș H. I., Cârdei M., Bofu C-tin, Considerations regarding the achievement of sporadic cadastre in Romania, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 19/2015, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2015, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 171-178
7. Cârdei M., Pădure D., Savu C-tin, Considerations regarding the acquisition of information used in cadastre, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 19/2015, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2015, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 165-170.
8. Cârdei M., Hogaș H. I., Bofu C-tin, The land inventory in the context of implementing the 165/2013 Law, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 18/2015, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2015, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 72-79.
9. Hogaș H. I., Cârdei M., Bofu C-tin, Using Quantum GIS to identify the writing errors in the property titles within cadastral works, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 16/2014, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2014, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 112-120.
10. Cârdei M., Aspects regarding the study of the real estate dynamics in a locality, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 16/2014, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2014, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 34-39.
11. Moca V. , Popia A., Sălceanu Gh., Oprea R , Cârdei M., Assessment of the cadastral database integration accuracy from the local coordinate system into the stereographic - 1970 projection, in Iasi city, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 15/2013, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2013, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 137-148.
12. Andrei C. O. , Cârdei M., On the performance of Real-Time Network-based GNSS positioning, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 15/2013, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2013, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 13-22.
13. Moca V, Oprea R,Cârdei M., Cadastral information system on the agricultural fields foreseen with underground drainage pipes, Revista "Lucrări științifice. Seria Agronomie" - Volumul 56 nr. 2/2013, Editura "Ion Ionescu de la Brad" Iași, 2013, PRINT ISSN 1454-7414, ELECTRONIC ISSN 2069-6727, CD-ROM 2285-8148, pag. 61-68.
14. Cârdei M., Pădure D., Analysis of Finnish Cadastral System, Revista "Lucrări științifice. Seria Horticultură" - Volumul 56 nr. 1/2013, Editura "Ion Ionescu de la Brad" Iași, 2013, ISSN-L=1454-7376, ISSN(online) 2069-8275, ISSN (print) 1454-7376, ISSN (CD-ROM) 2069 - 847X, pag. 397-402.
15. Moca V., Oniga V. E., Cârdei M., Georeferentiation of the graphic fund for topographic plans drawn up on geodesic trapezia at general cadastral works, Revista "Lucrări Științifice. Seria Horticultură", Vol. 55, Nr.1/2012, Editura "Ion Ionescu de la Brad", Iași, 2012, ISSN-L=1454-7376, (Print)-ISSN 1454-7376,(Online)=ISSN 2069-8275, (CD-ROM) = ISSN 2069 - 847X, pag: 525-530.
16. Cârdei M., Mihalache R. M., Aspects regarding the necessity of a unique management of all the cadastral information at the local public administration level, Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 12/2012, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2012, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 21-28.
17. Moca V., Cârdei M., Oprea R., Huțanu C., Savu C., Evaluation of surfaces calculation precision from the digital base of the orthophotographs and from field measurements using control areas of geodetic trapezium, , Revista "RevCad", Journal of Geodesy and Cadastre, Nr. 13/2012, Universitatea"1 DECEMBRIE 1918" Alba-Iulia, 2012, ISSN 1583-2279, Editura Aeternitas Publishing House, Alba-Iulia,pag. 117-129.

18. Moca V., Cârdei M., Oprea R., Huțanu C., Comparative study on the determination of surfaces from the digital orthophotomaps and field measurements with precision GPS receptors, Revista "Lucrări științifice. Seria Agronomie" - Volumul 54 nr. 2/2011, clasificată CNCSIS B+, Iași, România, 2011, pag. 160-168.
19. Nistor Gh., Sălceanu Gh., Cârdei M., Mihalache R. M., Aspects regarding the publishing and listing of cadastral data for verification by owners, Bul. Inst. Polit. Iași, tom LVII (LXI), fasc. 1-4, s. Hidrot., 2011, pag. 9-19.
20. Oniga V. E., Cârdei M., A new method for the accuracy evaluation of a manufactured piece, Published under licence by IOP Publishing Ltd., IOP Conference Series: Materials Science and Engineering, Volume 95 (1), 012088, ISI Web of Knowledge, ISI Web of Science (double blind peer-review article), 2015.<http://iopscience.iop.org/article/10.1088/1757899X/95/1/012088/meta>
21. Cârdei M., Pădure D., Comparative study of the cadastral systems from Finland and Romania, Volum I, Informatics, Geoinformatics and Remote Sensing, Conference Proceeding, 13th International Multidisciplinary Scientific Geo-Conference SGEM, 16-22 June, 2013, AlbenaCo, Bulgaria, Editura STEF92 Technology Ltd, ISBN 978-954-91818-9-0, ISSN 1314-2704, DOI: 10.5593/sgem2013, pag: 669-676.
22. Cârdei M., Hogăș H. I., Bofu C-tin, Considerations on the organization and efficiency of the land inventory works in the context of applying the Law no. 165/2013, Volumul Simpozionului Internațional "Forest and Sustainable Developement", Brașov, 2014, pag. 283-288.
23. Oniga V. E., Păun C., Cârdei M., Airborne laser scanning data for urban area analysis, Volumul Simpozionului Internațional "Forest and Sustainable Developement", Brașov, 2014, pag. 322-327.
24. Cârdei M., Aspects regarding the necessity of a unique digital cadastral plan for a territorial-administrative unit, Volumul Simpozionului Internațional Sisteme Informaționale Geografice cutematica S.I.G. ÎN EVALUAREA VULNERABILITĂȚII ȘI RISCULUI, Revista "Geographia Napocensis", Anul VI, Nr. 2, 2012, Cluj-Napoca, ISSN1844-9840 (Varianta online), ISSN 1843-5920, pag. 145-151.
25. Cârdei M., Corelation of technical standards with changes and updates of cadaster and real estate law no. 7/1996, Volumul Simpozionului Internațional The 2nd Conference of the Young Researchers, 17-18 noiembrie, București, 2011, ISSN 2069-1793; ISBN 978-973-100-193-7, pag. 51-57.
26. Cârdei M., Mihalache R. M., Aspekte privind înscrisarea drepturilor reale imobiliare în cartea funciară, Volumul lucrărilor Simpozionului cu participare internațională GeoPreVi: 12-13 mai, București, 2011, ISBN 978-973-100-162-3, pag. 277-288.

Participation at conferences / symposiums / workshops.

1. Presentation of the paper "Întabularea dreptului de proprietate asupra imobilelor", at National Symposium on Student IF IM CAD-Univ. Agronomic Sciences and Veterinary Medicine, Faculty of Land Reclamation and Environmental Engineering / 8 to 9 April 2011 / Bucharest / Romania.
2. Presentation of the paper " Aspekte privind înscrisarea drepturilor reale imobiliare in cartea funciară", at Symposium with international participation GeoPreVi: 12 to 13 May 2011 / Bucharest / Romania .
3. Presentation of the paper " Corelation of technical standards with changes and updates of cadaster and real estate law no. 7/1996" At The 2 Conference of the Young Researchers organised by Technical University of Civil Engineering of Bucharest, location: Faculty of Hydrotechnics / November 17 to 18 2011 /Bucharest / Romania.
- Participation at summer school " Adequacy curricula of fluid engineering requirements and labor market trends", Computer Engineering Fluid platform, organized by the Faculty of Hydrotechnics, Geodesy and Environmental Engineering, Technical University "Gh Asachi ", Technical University of Construction Bucharest, University" Politehnica "of Bucharest, University" Politehnica "of Timisoara, University" Lower Danube "Galati, Technical University of Cluj-Napoca and held at the University Gheorghe Asachi Engineering, Faculty of Hydrotechnichnics, Geodesy and Environmental Engineering, Science, May 19 to 22, 2011, Romania.
- Participation in the workshop with the theme of Sustainable Development and Technical Creativity organized by the Doctoral School of the Faculty of Civil Engineering, R Building, R1 amphitheater, lecture supported by associate professor.phd.eng. Alexander Stănilă, 6 June 2011 14:00, Iasi, Romania.
- Participation on the workshop with the theme of Interdisciplinary Technical Creation organized by the Doctoral School the Faculty of Civil Engineering, R Building, R1 amphitheater, lecture supported by associate professor.phd.eng. Alexander Stănilă, 7 June 2011 14:00, Iasi, Romania.
- Participation in the workshop with the theme of Sustainable Development Concept, with implications for issues addressed by the PhD project "CUANTUMDOC" organized by the Doctoral School of Faculty of Chemical Engineering and Environmental Protection and the Doctoral school of Faculty of Hydrotechnics, Geodesy and Engineering environment, Location: Technical University "Gheorghe

"Asachi", Faculty of Hydrotechnics, dean building, 1st floor, amphitheater, 6 July 2011, at 10:30, Iasi, Romania.

• Participation in training courses with the topic of advanced finite element analysis methods of tension items in linear and planar elements of GRAITEC Romania organized in collaboration with the Doctoral School of Civil Engineering Faculty, location: Faculty of Civil Engineering, R - 0.4R Building and building auditorium CMC - LC4 computer lab, 5 July 2011, at 14:00, Iasi, Romania.

• Courses participation in the program BREDEX 2011, organized by the British Romanian Education Exchange, location: Faculty of Electrical Engineering, Power Engineering and Applied Informatics, Building E, IV, from July 18 to August 5, 2011, at 9-12, Science, Romania.

• Participation in the workshop with the theme of Management Research in Doctoral programs, organized by the Doctoral School of Faculty of Hydrotechnics, Geodesy and Environmental Engineering, location: Faculty of Hydrotechnics, Geodesy and Environmental Engineering, Block CH, Room H2, 29/08/2011, at 12:00, Iasi, Romania.

• Participation in the workshop with the theme of Environmental Protection and Sustainable Development, organized by the Doctoral School of Civil Engineering Faculty, location: Faculty Civil Engineering, Building R 04.R amphitheater, lecture by Prof. Dorina Isopescu, 31.08.2011, 10:00, Iasi, Romania.

• Participation at the Annual Scientific Conference "Durable agriculture, organised by the Faculty of Agriculture, USAMV Iasi, 20th - 22nd of October, 2011, Iasi, Romania

