

## PERSONAL INFORMATION

**Rădulescu Gh.M. Virgil Mihai**

JOB APPLIED FOR  
POSITION  
PREFERRED JOB  
STUDIES APPLIED FOR

Associate Professor, position 8,  
Department of Land Measurements and Cadastre, Faculty of Civil Engineering

## PROFESSIONAL EXPERIENCE

oct. 1, 2014 - present

**Assistant Professor**

Technical University of Cluj Napoca, Faculty of Civil Engineering, 28 Memorandumului Str., Cluj-Napoca 400114, <https://www.utcluj.ro/>, <https://constructii.utcluj.ro/acasa.html>

- Courses and works of General Cadastre I (Year III M.T.C.), Land-cadastral legislation (Year II M.T.C.), Remote Sensing (Year IV M.T.C.), General Economics (Year II M.T.C.)

**Business or sector** University - Academic

oct. 1, 2013 - oct. 1, 2014

**Assistant Professor**

Technical University of Cluj Napoca, North Center University of Baia Mare, Mineral Resources and Environment Faculty, 62A dr. Victor Babeş Str., Baia Mare, 430083, <https://inginerie.utcluj.ro>

- Courses and works of Remote Sensing (Year III MTC), Cadastral Information Systems (Year III MTC), Land-cadastral legislation (Year IV MTC), Spatial Planning and Urbanism (Year IV MTC), Land Assessment (Year III MTC), Organization Of the Territory (Year IV MTC), Cadastral Reclamation (Year III MTC), Geographic Information Systems (Year IV MTC), Information Systems in Land Measurements (Year II MTC)

**Business or sector** University - Academic

oct. 1, 2012- 1oct. 1, 2013

**University Assistant**

Technical University of Cluj Napoca, North Center University of Baia Mare, Mineral Resources and Environment Faculty, 62A dr. Victor Babeş Str., Baia Mare, 430083, <https://inginerie.utcluj.ro>

- Works and Seminar of Remote Sensing (Year III MTC), Cadastral Information Systems (Year III MTC), Land-cadastral legislation (Year IV MTC), Spatial Planning and Urbanism (Year IV MTC), Land Assessment (Year III MTC), Organization of the Territory (Year IV MTC), Cadastral Reclamation (Year III MTC), Geographic Information Systems (Year IV MTC), Information Systems in Land Measurements (Year II MTC)

**Business or sector** University - Academic

oct. 1, 2011- oct. 1, 2012

**University Assistant**

North University of Baia Mare, Mineral Resources and Environment Faculty, 62A dr. Victor Babeş Str., Baia Mare, 430083, <https://inginerie.utcluj.ro>, <http://studentii.net/Universitatea-de-Nord-Baia-Mare/Facultatea-de-Resurse-Minerale-si-Mediu/detalii.html>

- Works and Seminar of Remote Sensing (Year III MTC), Cadastral Information Systems (Year III MTC), Land-cadastral Legislation (Year IV MTC), Spatial Planning and Urbanism (Year IV MTC), Cadastral Scanning (Year III MTC), Geographic Information Systems IV MTC), Computer Systems in Terrestrial Measurements (year II MTC), General Topography I and II (Year I MTC), General Topography I (Year I CCIA), Engineering Measurements in Industry (Year II MTC)

**Business or sector** University - Academic

oct. 1, 2009 - oct. 1, 2011

### University Assistant, Associate teacher

North University of Baia Mare, Mineral Resources and Environment Faculty, 62A dr. Victor Babeş Str., Baia Mare, 430083, <https://inginerie.utcluj.ro>, <http://studentii.net/Universitatea-de-Nord-Baia-Mare/Facultatea-de-Resurse-Minerale-si-Mediu/detalii.html>

- Works and Seminar of Remote Sensing (Year III MTC), Cadastral Information Systems (Year III MTC), Land-cadastral Legislation (Year IV MTC), Spatial Planning and Urbanism (Year IV MTC), Cadastral Scanning (Year III MTC), Geographic Information Systems IV MTC), Computer Systems in Terrestrial Measurements (year II MTC), General Topography I and II (Year I MTC), General Topography I (Year I CCIA), Engineering Measurements in Industry (Year II MTC)C.)

**Business or sector** University - Academic

apr. 1, 2008 – oct.1, 2019

### Administrator

S.C.Surveying Instruments S.R.L. Bistrița - Cluj, <https://www.expose.ro/opencomp/surveying-instruments-ro-srl-23553123/>, Company with Topography / Cadastre profile, carrying out works in the field and importing topo-geodetic equipment

- Main activities and responsibilities Topographic and engineering measurements, Cadastral Activities and Expertises,

**Business or sector** Private, ANCPI authorized surveyor

mart. 1, 2000 - oct. 1, 2008

### Economist

S.C. "Blazer" S.R.L. Brăila, <https://www.blazer.ro/>

- Main activities and responsibilities: Standardization of work methods, work organization, analysis of production costs

**Business or sector** Private, Industry, Economic

## EDUCATION AND TRAINING

sept. 1, 2012 - mart. 1, 2013

### Expert in the Didactics of the specialty

Level EQF 6

Postgraduate course "Didactics of the specialty - Technical disciplines", Polytechnic University of Bucharest

- Studied disciplines: Psychopedagogy, Didactics of the specialty, Methodology, Pedagogy

oct. 1, 2009 –jun. 15, 2012

### Doctor - PhD of Technical Sciences, specializing in Topography, in the field of Mines, Oil, Gas,

Level EQF 8

University of Petroșani, PhD supervisor Prof.dr.ing. Nicolae Dima

- According to the theme approved by the Senate of the University of Petroșani, at the proposal of the Doctoral School

oct. 1, 2007-jul. 15, 2009

### Diplomated Engineer, Land Measurements and Cadastre

Level EQF 6

Faculty of Mineral Resources and Environment, from the North University of Baia Mare

- Disciplines studied according to the curriculum of the specialization Land Measurements and Cadastre

febr. 24, 2007 – jul. 15, 2008 **Master Business administration management** Level EQF 7  
 Faculty of Sciences, within the Northern University of Baia Mare  
 ▪ Disciplines studied according to the curriculum of the master's specialization Business administration management

oct. 1, 2005- febr. 4, 2006 **Specialist in Geodesy, Topography and Cadastre** Level EQF 7  
 Postgraduate Specialization Course in Geodesy, Topography and Cadastre organized by the Faculty of Mineral Resources and Environment, within the Northern University of Baia Mare,  
 ▪ Disciplines studied according to the curriculum of the mentioned specialization.

oct. 1, 1995 – febr. 15, 2000 **Diplomated Economist** Level EQF 7  
 Faculty of Tourism and Commercial Management, Department of Tourism Management, within the "Dimitrie Cantemir" Christian University of Bucharest, graduated from the Bucharest Academy of Economic Studies,  
 ▪ Disciplines studied according to the curriculum of the Management license specialization

2014 - 2019 **Specializations and qualifications:** Level EQF 6-7  
 Specialization courses given by Leica Geosystems for the "Construction" equipment range (Neusiedl am See, September 2014), Zeno GIS (Neusiedl am See, June 2015), "Georadar" (Budapest, September 2016), "Construction" (Budapest, February 2018, "Detection Tools" (Thessaloniki, October 2018), "Mobile Mapping, Laser Scanning" (Budapest, March 2019)  
 ESRI ARCGIS specialization course, held at UTCN (2019)

**PERSONAL SKILLS**

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Listening	Reading
English	C2	C2	C2	C2	C2
Franch	B1	B1	B1	B1	B1
Italien	A1	A1	A1	A1	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

Communication skills ▪ good communication skills acquired through his own experience as an economist at a high-capacity production company, administrator of a company specializing in Topo-Geodesy, a 12-year-old university teacher.

Computer skills ▪ Autocad, Autocad Land, Map sys, Madcad, Topo SyS, pachetul Office CADian, TopoLT, Topcon Link, FoifCom600, Word, Excel, Corel Draw, Internet Browser, Power Point, Microsoft Acces, etc.

Other skills ▪ Operare cu toate instrumentele utilizate în domeniul Măsurătorilor terestre și Cadastru, ca de exemplu Stația totală topografică, nivela clasică și electronică, Teodolit clasic și electronic, GPS, etc.

Driving licence ▪ B

**INFORMATII SUPLIMENTARE**

- Publications**
- 2 published books (1 as sole author)
  - 5 published teaching materials (3 as first author)
  - 28 works indexed by ISI Thomson Reuters (6 as first author), 1 in the yellow zone (FI 2,801)
  - 29 articles in journals and volumes of scientific events indexed in other international databases (BDI)
  - 16 citations in ISI Thomson Reuters journals and proceedings

**Projects**      **Project director / manager**

1. Research, development, innovation contract no. 31047 / 29.10.2019 (DMCDI TN287 / 31.10.2019), won by competition, carried out by UTCN for the project entitled: "Research on the use of UAV technology in order to preserve and restore historical monuments in Bistrita-Nasaud County", value 47,977 RON ( 10,086 EURO at the date of signing the contract), position Director / Project Manager, project link:  
[https://research.utcluj.ro/tl\\_files/research/Active%20projects/Proiecte\\_in%20derulare\\_tip\\_proiect\\_2019.pdf](https://research.utcluj.ro/tl_files/research/Active%20projects/Proiecte_in%20derulare_tip_proiect_2019.pdf) (contract activity report attached to the file)
2. PN-III-P1-1.1-MC2018-1260, financing contract 572 / 17.10.2018, project entitled: "Analysis of the possibilities of monitoring the state of the environment in order to better manage emergency situations, by using information technologies Geographic Information System (GIS) - mobility China, Peking University, value 11,873 RON - contract conducted through UTCN, position Director / Project Manager, results: Remote Sensing, Course Notes, Part I, 235 pages.- ISBN 978-606 -737-456-8  
<https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/456-8.pdf> <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/456-8.pdf>, project link:  
[https://research.utcluj.ro/tl\\_files/research/Active%20projects/2\\_Proiecte\\_derulare\\_2018\\_site\\_vf.pdf](https://research.utcluj.ro/tl_files/research/Active%20projects/2_Proiecte_derulare_2018_site_vf.pdf), (contract activity report attached to the file)

**Member of the project team**

1. Research project of UTCN, period July 1, 2017 - July 1, 2018, Financing contract no. 2005 / 12.07.2017 "Theoretical and experimental research on monitoring and mathematical modeling of the behavior of very high special structures in the action of non-uniform sunshine" - member of the Project Team.
2. National Financial Contract Manager, Hungary-Slovakia-Romania-Ukraine ENPI CBC Program 2007-2013, HUSKROUA / 1101/252, Title: "SPACE EMERGENCY SYSTEM" - cross-border system for pre-diction of natural disasters incidents on the basis of exploitation of satellite technologies in Hungary, Slovakia, Romania and Ukraine "€ 483,857.60, Partners: Uzhhorod National University, International Association of Regional Development Institutions" IARDI ", University Miskolc (Hungary, Miskolc) .Technical University of Cluj Napoca, by Nordtech North Center University Baia Mare, Vihorlat Observatory (Slovakia, Humenne). Implementation March 2014 - March 2016
3. Technical director (position occupied by competition / competition) within the project << Extension of the operational "Space Emergency System" towards monitoring of dangerous natural and man-made geo-processes in the HU-SK-RO-UA cross-border region >>, code << HUSKROUA / 1702 / 8.1 / 0065 >>, project co-financed by the program << HUSKROUA ENI CBC Program 2014-2020 >>, project carried out by UTCN, project in progress until 2021.

- Conferences**
- Virgil M. Gh Radulescu, Adrian T. Gh. Radulescu, Gabriel Badescu, GIS Applications in the field of Romanian Mining, paper presented at the plenary of the ESRI UC conference, San Diego, Sunday, July 11, 2010 at 8:30 AM [http://proceedings.esri.com/library/userconf/survey10/sur/papers/pap\\_1213.pdf](http://proceedings.esri.com/library/userconf/survey10/sur/papers/pap_1213.pdf)
- Virgil M. Gh Radulescu, Adrian T. Gh Radulescu, Gabriel Badescu, GIS Applications in the field of Maramures Mining, paper presented at the plenary of the ESRI UC conference, San Diego, Tuesday, July 13, 2010 at 13:30 PM, [http://proceedings.esri.com/library/userconf/proc10/uc/papers/pap\\_1880.pdf](http://proceedings.esri.com/library/userconf/proc10/uc/papers/pap_1880.pdf)
- Virgil M. Gh Radulescu, Analysis of the possibilities of monitoring the state of the environment in order to better manage emergencies situations, by using GIS (Geographic Information System), conference held in front of the GIS Department of the University of Beijing, China,
- Virgil M. Gh Radulescu, Analysis of the possibilities of monitoring the state of the environment in order to better manage emergencies situations, by using Remote Sensing Technologies. conference held in front of the staff of the Remote Sensing Department of Beijing University, China,

## Memberships

Member of the editorial staff / reviewer:

- Reviewer of the journal MDPI Remote Sensing - Remote Sensing (red zone, Q1, impact factor 4,118) and of the ISPRS International Journal of Geo-Information (yellow zone, Q2, impact factor 1,800), as well as for the indexed magazine BDI MDPI - Infrastructures , (reviewer certificates attached to the competition file)

## Reference

Conf.univ.dr.ing. Livia NISTOR LOPATENCO, Dean of the Faculty of Constructions, Geodesy and Cadastre at the Technical University of Moldova

Associate Professor RÓZSA SZABOLCS, Dean, Department Director, Faculty of Civil Engineering, Budapest University of Technology and Economics

Phd. Professor Ivan KALYNYCH, Dean of the Faculty of Geography, Uzhhorod National University, Ukraine,

Letters of recommendation are attached to the file

Cluj Napoca  
Date December 14th 2021

Signature: Ph.D. Senior Lecturer Virgil Mihai Radulescu

