

**Technical University of Cluj Napoca**  
**Faculty of Constructions**  
**Department of Land Measurements and Cadastre**  
**PhD. Assistant Professor Virgil Mihai Radulescu**

## **LIST**

### **scientific works in the field of teaching disciplines**

**Candidate: PhD.Assist.Professor Virgil Mihai Rădulescu**

#### **RELEVANT WORKS FOR OWN PROFESSIONAL ACHIEVEMENTS**

- 1) 1) V.M. Rădulescu, G.M.T. Rădulescu, Sanda Naş, A.T. Rădulescu, M. Bondrea and Corina M. Rădulescu, “Synthetic Analysis of Geoinformatics Technologies for Preservation of Cultural Heritage, Methodological Approach”, Journal of Applied Engineering Sciences (revista indexata Web of Science ESCI), 2021, page33-40, DOI: <https://doi.org/10.2478/jaes-2021-0005>
- 2) V.M. Rădulescu, G.M.T. Rădulescu, Sanda Naş, A.T. Rădulescu, M. Bondrea and Corina M. Rădulescu “Geoinformatics Technologies for Preservation of Cultural Heritage, Case Study, Rákóczi-Bánffy Castle, Urmeniş, Bistriţa Năsăud County, Romania”, Journal of Applied Engineering Sciences (revista indexata Web of Science ESCI), 2021, page41-48, <https://doi.org/10.2478/jaes-2021-0006>
- 3) Sanda Mărioara Naş, Virgil Mihai Gh.M. Rădulescu, Gheorghe M.T. Rădulescu, Mircea Bondrea, Adrian T.Gh.M. Rădulescu And Corina Rădulescu , “The Contribution of Geomatics Technologies in the Preservation of Cultural Heritage”, IBIMA 36 Spain, Noiembrie 2020, (indexata ISI PROCEEDINGS), <https://ibima.org/accepted-paper/the-contribution-of-geomatics-technologies-in-the-preservation-of-cultural-heritage/>
- 4) Sanda M. Naş, Corina Rădulescu, Virgil Mihai Gh.M. Rădulescu, Gheorghe M.T. Rădulescu, Mircea Bondrea And Adrian T.Gh.M. Rădulescu , “ Influence of Building Information Modelling (BIM) on Projects’ Success” , 36th IBIMA Conference: 4-5 November 2020, Granada, Spain (indexata ISI PROCEEDINGS) , <https://ibima.org/accepted-paper/influence-of-building-information-modelling-bim-on-projects-success/>
- 5) Radulescu, AT; Nas, S ; Radulescu, G.M.T.; Radulescu, VM; Bondrea, M; Radulescu, C; Opritoiu, P., " Academic initiative on proposing a program to monitoring the subsidence phenomenon in underground former mining areas in Maramures, Romania, I " MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM,Edited by: Nistor, S; Popoviciu, GA, Pages: 93-98, Published: 2018, Document Type: Proceedings Paper Conference, <https://publons.com/publon/27909708/>
- 6) Mihai Rădulescu, Corina Rădulescu, Adrian Rădulescu, Gheorghe Rădulescu, Sanda Naş, ”Issues on the contribution of Geographic Information System in the handling of

emergencies caused by natural disasters”, ISI Proceedings, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 28-July 7, 2016, lucrare indexată Scopus, ISI, <https://www.sgem.org/sgemlib/spip.php?article8535>

- 7) M.V.G.M Radulescu, G.M.T. Radulescu, G. Damian, A.T.G.M. Radulescu, C. M.Radulescu, „Mixed technological solutions for monitoring the behavior of structures in abandoned industrial sites”, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 355-360 pp, DOI: 10.5593/SGEM2015/B22/S9.044, <https://www.sgem.org/sgemlib/spip.php?article5790>
- 8) M.V.G.M. Radulescu, G.M.T. Radulescu, A.T.G.M. Radulescu, C.M. Radulescu, T. Popescu, „Theoretical and experimental research on laser-scanner verification of the verticality of the 351.5 m smoke chimney located on the industrial platform, „ The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 561-568 pp, DOI: 10.5593/SGEM2015/B22/S9.070, <https://sgem.org/sgemlib/spip.php?article5816>
- 9) Radulescu, Virgil Mihai G. M., Radulescu Corina, "Considerations on the possible contribution of the Geographic Information Systems (GIS) in the 2020 population census and the main directions of its construction,, „Journal Of Applied Engineering Sciences Volume 3 Issue 2, Page 99-104, Published 2013" <https://www-webofscience-com.am.e-nformation.ro/wos/author/record/2272359>
- 10) Radulescu, C (Radulescu, Corina); Radulescu, VMG (Radulescu, Virgil. MG) "Approaches of the management informational systems regarding the implementation of the Geographic Information Systems (GIS) in the mining basins of romania” , 11th International Multidisciplinary Scientific Geoconference (SGEM 2011), VOL II Book Series: International Multidisciplinary Scientific GeoConference-SGEM, Pages: 215-222, Published: 2011, WOS: 000307366300030 " <https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000307366300030>

## **A - Doctoral thesis**

*Contributions to the realization of a concept regarding the creation of mining databases, held at the University of Petroșani on June 22, 2012, paper prepared under the scientific direction of Prof. univ. Dr. Eng. Nicolae DIMA*

## **B - Books and chapters in published books**

### **Books**

- 1) Virgil Mihai Radulescu, Cadastral land legislation, Course Notes, 349 pages., U.T.PRESS, ISBN : 978-606-737-428-5, 2020, <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/428-5.pdf>
- 2) Virgil Mihai Radulescu, Gheorghe M.T. Rădulescu, Remote Sensing, Essential elements, Part I, 221 pages, 2020, U.T.PRESS, Cluj-Napoca, ISBN 978-606-737-456-8 <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/456-8.pdf>
- 3) Adrian Traian G.M. Rădulescu, Gheorghe M.T. Rădulescu, Sanda Naş, Virgil Mihai G.M. Rădulescu, Paul Sestraş, Engineering topography, Works guide, Collection of problems, Volume I. Tracing methods, U.T.PRESS, Cluj-Napoca, 2018, ISBN 978-606-737-291-5, <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/291-5.pdf>
- 4) Virgil Mihai Rădulescu, Corina Radulescu, Information Systems Strategies in The Mineral Resources Industry, RISOPRINT Cluj Napoca Publishing House, ISBN 978-606-737-236-6, 2017, <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/236-6.pdf> ,
- 5) Corina Radulescu, Rita Toader, Mihai V.G.M. Radulescu, Diana Ighian, Florina Hahn, Monica Marian, MarianProject Planning and Management, U.T.PRESS, 978-606-737-256-4, 2017, <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/256-4.pdf>
- 6) Adrian Traian G.M. Rădulescu, Virgil Mihai G.M. Rădulescu, Gheorghe M.T.Radulescu, Ovidiu Stefan, Cornel Arsene Mining Topography, U.T. PRESS, ISBN 978-606-737-237-3, 2017, <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/237-3.pdf>
- 7) M.V.G. Rădulescu, A.T.G. Rădulescu, Gheorghe M.T. Rădulescu, Technical cadastre, Applications and problems, U.T.PRESS, ISBN 978-973-662-525-1, 2012 <http://193.226.5.59:8060/alipac/TBOPATBBIVFPYCDCNDWG-00020/find-simple?C1=%28&V1=cadastru+tehnica&C2=%29&F1=WRD&A1=N&x=0&y=0>

## **C - ISI / BDI indexed works**

### **C.1) Articles in listed journals and in the volumes of scientific events indexed ISI proceedings**

- 1) Rădulescu, A.T.G.M., Rădulescu, G.M.T., Kalmar, T.T., Rădulescu, V.M.G.M., Rădulescu, C.M., (2021), Management Activities in Structural Monitoring Process, 38th IBIMA International Conference, Seville, Spain, conference proceedings (ISBN: 978-0-9998551-7-1) and (ISSN: 2767-9640), published paper, being indexed by ISI.
- 2) Rădulescu, A.T.G.M., Rădulescu, C.M., Rădulescu, G.M.T., Kalmar, T.T., Naş, S.M., Herbei, M., Rădulescu, V.M.G.M., Bondrea, M., Măran, P.D., Bondrea, M., (2021), Management of HUSKROUA Cross-border Projects, GeoSES Project Case Study, 38th IBIMA International Conference, Seville, Spain, conference proceedings (ISBN: 978-0-9998551-7-1) and (ISSN: 2767-9640), published paper, being indexed by ISI.

- 3) V.M. Rădulescu, G.M.T. Rădulescu, Sanda Naș, A.T. Rădulescu, M. Bondrea and Corina M. Rădulescu, “Synthetic Analysis of Geoinformatics Technologies for Preservation of Cultural Heritage, Methodological Approach”, Journal of Applied Engineering Sciences (revista indexata Web of Science ESCI), 2021, page33-40, DOI: <https://doi.org/10.2478/jaes-2021-0005>
- 4) V.M. Rădulescu, G.M.T. Rădulescu, Sanda Naș, A.T. Rădulescu, M. Bondrea and Corina M. Rădulescu “Geoinformatics Technologies for Preservation of Cultural Heritage, Case Study, Rákóczi-Bánffy Castle, Urmeniș, Bistrița Năsăud County, Romania”, Journal of Applied Engineering Sciences (revista indexata Web of Gheorghe M.T. Rădulescu, Mircea Bondrea, Adrian T.Gh.M. Rădulescu And Corina Rădulescu Science ESCI), 2021, page41-48, <https://doi.org/10.2478/jaes-2021-0006>
- 5) Sanda Mărioara Naș, Virgil Mihai Gh.M. Rădulescu, , “The Contribution of Geomatics Technologies in the Preservation of Cultural Heritage”, IBIMA 36 Spain, Noiembrie 2020, (indexata ISI PROCEEDINGS), <https://ibima.org/accepted-paper/the-contribution-of-geomatics-technologies-in-the-preservation-of-cultural-heritage/>, lucrare publicată, în curs de indexare ISI.
- 6) Sanda M. Naș, Corina Rădulescu, Virgil Mihai Gh.M. Rădulescu, Gheorghe M.T. Rădulescu, Mircea Bondrea And Adrian T.Gh.M. Rădulescu , “ Influence of Building Information Modelling (BIM) on Projects’ Success” , 36th IBIMA Conference: 4-5 November 2020, Granada, Spain (indexata ISI PROCEEDINGS) , <https://ibima.org/accepted-paper/influence-of-building-information-modelling-bim-on-projects-success/>, lucrare publicată, în curs de indexare ISI.
- 7) Radulescu, A.T.; Nas, S.; Radulescu, G.M.T. Radulescu, V.M. Bondrea, M. Radulescu, P. Opritoiu, "Academic initiative on proposing a program to monitoring the subsidence phenomenon in underground former mining areas in Maramures, Romania, I " MODERN TECHNOLOGIES FOR THE 3RD MILLENNIUM, Edited by: Nistor, S; Popoviciu, GA, Pages: 93-98, Published: 2018, Document Type: Proceedings Paper Conference, Conference: 17th International Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Location: Oradea, ROMANIA, Date: MAR 22-23, 2018", <https://publons.com/publon/27909708/>
- 8) Radulescu, A.T.; Nas, S., Radulescu, G.M.T., Radulescu, V.M., Bondrea, M., Radulescu, C., Opritoiu, P, "Academic initiative on proposing a program to monitoring the subsidence phenomenon in underground former mining areas in Maramures, Romania, II, "Modern Technologies for The 3rd Millennium”, Edited by: Nistor, S; Popoviciu, GA, Pages: 99-104, Published: 2018, Document Type: Proceedings Paper Conference, <https://publons.com/publon/27909709/>
- 9) Ovidiu Ștefan, Adrian Rădulescu, Gheorghe Rădulescu, Corina Rădulescu, Mihai Rădulescu, Sanda Naș, “Program for monitoring subsidence phenomena of areas located above former mines in Maramureș, Romania“, ISI Proceedings, Innovation Management and Education Excellence Vision 2020: from Regional Development Sustainability to Global Economic Growth, 27th IBIMA Conference 4-5 May 2016, Milan, Italy <https://ibima.org/accepted-paper/program-for-monitoring-subsidence-phenomena-of-areas-located-above-former-mines-in-maramures-romania/>

- 10) Ovidiu Ștefan, Adrian Rădulescu, Gheorghe Rădulescu, Corina Rădulescu, Mihai Rădulescu, Sanda Naș, “ Rapid Impact Assessment Matrix(RIAM) as a method of selection of the optimal Urban Regeneration variant, Case Study: Brownfields of Baia Mare City, Romania”, ISI Proceedings, Innovation Management and Education Excellence Vision 2020: from Regional Development Sustainability to Global Economic Growth, 27th IBIMA Conference 4-5 May 2016, Milan, Italy, <https://ibima.org/accepted-paper/rapid-impact-assessment-matrixriam-as-a-method-of-selection-of-the-optimal-urban-regeneration-variant-case-study-brownfields-of-baia-mare-city-romania/>
- 11) Rădulescu, C.M.; Ștefan, O.; Rădulescu, G.M.; Rădulescu, A.T.; Rădulescu, M.V. Management of Stakeholders in Urban Regeneration Projects. Case Study: Baia-Mare, Transylvania, Articol în revistă ISI cu factor de impact, 0.942 (2014), MDPI, Sustainability 2016, 8, 238., doi:10.3390/su8030238,
- 12) Corina RĂDULESCU, Gheorghe RĂDULESCU, Ovidiu ȘTEFAN, Adrian RĂDULESCU, Virgil RĂDULESCU Sanda NAȘ, “ The acces to Performance in Romanian Academic System Possibilities for Increasing the Competitiveness of Universities in Romania “ , ISI Proceedings, 2nd Annual 2016 International Conference on Modern Education and Social Science [MESS2016], <http://www.mess2016.org/> , April 15-17, 2016, Wuhan, Hubei, China <http://dpi-proceedings.com/index.php/dtssehs/article/view/9566>
- 13) Corina RĂDULESCU, Gheorghe RĂDULESCU, Ovidiu ȘTEFAN, Adrian RĂDULESCU, Virgil RĂDULESCU Sanda NAȘ, “ Increasing the competitiveness of Romanian universities by merging “ , ISI Proceedings, 2nd Annual 2016 International Conference on Modern Education and Social Science [MESS2016], <http://www.mess2016.org/> , April 15-17, 2016, Wuhan, Hubei, China, <http://dpi-proceedings.com/index.php/dtssehs/article/view/9567/0>
- 14) Adrian Rădulescu, Gheorghe Rădulescu, Ovidiu Ștefan, Mihai Rădulescu, Corina Rădulescu, "Emergency spatial system" cross-border prediction system for natural disasters based on exploitation of satellite technologies in "emergency spatial system" cross-border prediction system for natural disasters based on exploitation of satellite technologies in Hungary, Slovakia, Romania and Ukraine” , ISI Proceedings, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 28-July 7, 2016, lucrare indexată Scopus, ISI <https://www.sgem.org/sgemlib/spip.php?article8290>
- 15) Adrian Rădulescu, Gheorghe Rădulescu, Mihai Rădulescu, Ovidiu Ștefan, Corina Rădulescu, ” Considerations regarding the substantiation of the "Kinematic Surveying" concept”, ISI Proceedings, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, www.sgem.org, SGEM2016 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 28-July 7, 2016, lucrare indexată Scopus, ISI, <https://www.sgem.org/sgemlib/spip.php?article6890>
- 16) Mihai Rădulescu, Corina Rădulescu, Adrian Rădulescu, Gheorghe Rădulescu, Ovidiu Ștefan, ” Considerations on the contribution of GIS in urban regeneration management of brownfield sites” , ISI Proceedings, 16th International Multidisciplinary

- Scientific GeoConference SGEM 2016, [www.sgem.org](http://www.sgem.org), SGEM2016 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 28-July 7, 2016, lucrare indexată Scopus, ISI, <https://sgem.org/sgemlib/spip.php?article8453>
- 17) Mihai Rădulescu, Corina Rădulescu, Adrian Rădulescu, Gheorghe Rădulescu, Sanda Naş “ Issues on the contribution of Geographic Information System in the handling of emergencies caused by natural disasters” , ISI Proceedings, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, [www.sgem.org](http://www.sgem.org), SGEM2016 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 28-July 7, 2016, lucrare indexată Scopus, ISI, <https://www.sgem.org/sgemlib/spip.php?article8535>
  - 18) Rădulescu G.M.T., Ştefan O, Rădulescu V.M.G.M., Rădulescu Corina, Rădulescu A.T.G.M. Naş Sanda, “ Considerations regarding the analysis of the some effects of preserved underground mines on the surface in Northwest Romania” , ISI Proceedings, The 15 th Edition National Technical Scientific Conference – Modern Technologies for the 3rd Millenium, 27-28 nov 2015 Oradea, Romania, Editors Sorin Nistor, Gabriela A. Popoviciu, pag 67-72, ISBN 978-88-7587-724-8, <http://www.edlearning.it/ebook/SY27.pdf>, [http://www.edlearning.it/proceedings/moreinfo/20151127\\_index.pdf](http://www.edlearning.it/proceedings/moreinfo/20151127_index.pdf);
  - 19) Rădulescu A.T.G.M., Rădulescu G.M.T., Ştefan O, Rădulescu V.M.G.M., Rădulescu Corina Naş Sanda,” The danger created by the recent tilting of the smoke chimney located on the former industrial platform in the city of Baia Mare” , ISI Proceedings, The 15 th Edition National Technical Scientific Conference – Modern Technologies for the 3rd Millenium, 27-28 nov 2015 Oradea, Romania, Editors Sorin Nistor, Gabriela A. Popoviciu, pag 61-66, ISBN 978-88-7587-724-8, <http://www.edlearning.it/ebook/SY27.pdf>, [http://www.edlearning.it/proceedings/moreinfo/20151127\\_index.pdf](http://www.edlearning.it/proceedings/moreinfo/20151127_index.pdf), <http://arhiconoradea.ro/Conferinta/SY27.pdf>, ISI Proceedings.
  - 20) M.V.G.M Radulescu, G.M.T. Radulescu, G. Damian, A.T.G.M. Radulescu, C. M.Radulescu, “ Mixed technological solutions for monitoring the behavior of structures in abandoned industrial sites”, 15th International Multidisciplinary Scientific GeoConference SGEM 2015, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, [www.sgem.org](http://www.sgem.org), SGEM2015 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 355-360 pp, DOI: 10.5593/SGEM2015/B22/S9.044, <https://www.sgem.org/sgemlib/spip.php?article5790>
  - 21) A.T.G.M. Radulescu, G.M.T. Radulescu, N.Chira, S.Nas, M.V.G.M. Radulescu,” Theoretical research for the optimization of mathematical models of the real vertical of very high structures” , The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library,

www.sgem.org, SGEM2015 Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 569-576 pp, DOI: 10.5593/SGEM2015/B22/S9.071, <https://sgem.org/sgemlib/spip.php?article5817>

- 22) C.M. Radulescu, G.M.T. Radulescu, S.Nas, A.T.G.M. Radulescu, M.V.G.M Radulescu, “ Study on improving the mathematical models used in structural health monitoring” , The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 455-462 pp, DOI: 10.5593/SGEM2015/B22/S9.057 <https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000371600100057>
- 23) A.T.G.M. Radulescu, G.M.T. Radulescu,N. Chira,S. Nas, M.V.G.M Radulescu, ” Considerations on the behavior of tall constructions under the effect of uneven exposure to sunlight” , The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 187-194 pp, DOI: 10.5593/SGEM2015/B22/S9.023 <https://www.sgem.org/sgemlib/spip.php?article5769>
- 24) G.M.T. Rădulescu, A.T.G. Rădulescu, M.V.G. Rădulescu, Sanda Naș, “Mathematical Modelling Of The Bridges Structural Monitoring I “, Journal of Applied Engineering Sciences, Volumul 5, Numărul 1 Pagini 83-90, 2015, <https://doi.org/10.1515/jaes-2015-0011>,
- 25) G.M.T. Rădulescu, A.T.G. Rădulescu, M.V.G. Rădulescu, S. Naș, “Mathematical Modelling Of The Bridges Structural Monitoring II”, Journal of Applied Engineering Sciences, Volumul 5, Numărul 1 Pagini 83-90, DOI: <https://doi.org/10.1515/jaes-2015-0012>, June 2015 <https://www.degruyter.com/view/j/jaes.2015.5.issue-1/jaes-2015-0012/jaes-2015-0012.xml>
- 26) G.M.T. Radulescu, A.T.G.M. Radulescu, M.V.G.M. Radulescu, S. Nas, C. M. Radulescu, “ Some aspects regarding creating a mathematical model of the behavior of a reinforced concrete element under the effect of sunshine, Incheon Grand Bridge “ , The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library,

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- 27) M.V.G.M. Radulescu, G.M.T. Radulescu, A.T.G.M. Radulescu, C.M. Radulescu, T. Popescu, " Theoretical and experimental research on laser-scanner verification of the verticality of the 351.5 m smoke chimney located on the industrial platform" , The 15th Anniversary edition of International Multidisciplinary Scientific GeoConferences, SGEM GeoConferences, 16 - 25 June, 2015, Albena Resort, Bulgaria; Section Informatics, Geoinformatics and Remote Sensing, Sub- Section Geodesy and Mine Surveying; indexing by ISI Web of Knowledge, Web of Science, Thomson Reuters, ELSEVIER products, SCOPUS, CrossRef, EBSCO, ProQuest,Google Scholar,EBSCO,DOAJ, Mendeley, CiteUlike, CrossRef Citedby Linking, British Library, Conference Proceedings, ISBN 978-619-7105-35-3 / ISSN 1314-2704, June 18-24, 2015, Book2 Vol. 2, 561-568 pp, DOI: 10.5593/SGEM2015/B22/S9.070  
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- 28) Radulescu, C (Radulescu, Corina); Radulescu, VMG (Radulescu, Virgil. M. G.),Radulescu G.M.T.,Radulescu AT,"The Study of Factors that Help Accelerate the Development of Clusters", IBIMA MADRID, Published 2015,WOS: 00366872700292  
<https://www-webofscience-com.am.e-nformation.ro/wos/woscc/full-record/WOS:000366872700292>
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## **E. Grants / Projects won through competitions**

### **Project Director / Manager**

1. Research, development, innovation contract no. 31047 / 29.10.2019 (DMCDI TN287 / 31.10.2019) , carried out through 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 date signing the contract)  
function **Director / responsabil**

**Project results (partial) :**

V.M. Rădulescu, G.M.T. Rădulescu, Sanda Naş, A.T. Rădulescu, M. Bondrea and Corina M. Rădulescu "Synthetic Analysis of Geoinformatics Technologies for Preservation of Cultural Heritage, Methodological Approach" , Journal of Applied Engineering Sciences (revista indexata Web of Science ESCI) ,2021, page33-40 ,DOI : <https://doi.org/10.2478/jaes-2021-0005>

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[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) (raport de activitate contract atasat la dosar )

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 emergencies, by using information technologies GIS (Geographic Information System) "- mobility China, Peking University, value 11,873 RON - contract developed 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> 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)

**Project results (partial) :**

Teledetectie, Note de curs, Partea I, 235 pag.- 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> , **Link project :**  
[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),

**Membre of the Project Teams**

1. **Financial director / 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, Parteners: 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

2. UTCN research project, 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.**

3. **Technical director / manager** (position occupied by 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 developed by UTCN , project in progress until 2021.

Date  
14.12. 2021

Signature  
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