

TABEL PRIVIND INDEPLINIREA INDICATORULUI

Activitatea științifică în domeniul disciplinelor

„Cadrele didactice titulare* au pregătirea inițială, sunt doctori / doctoranzi și cercetează în domeniul în care se includ disciplinele din postul ocupat.”

Nr. crt.	Gradul didactic, numele și prenumele titularului vârsta / vechimea în învățământul superior	Disciplinele din cadrul programului de studii incluse în postul didactic și tipul activității desfășurate (curs, seminar, lucrări, proiect)	Competența cadrului didactic titular în disciplinele din postul didactic			Constatări privind îndeplinirea indicatorului conform Anexei 4.1
			Universitatea/facultatea/specializarea absolvită	Specializarea la masterat/ doctorat	Numărul de cărți, numărul de lucrări științifice, numărul de brevete în domeniul disciplinelor din postul didactic (conform Anexelor 4.1.)	
0	1	2	3	4	5	6
6.	Conf.dr. ing. Gâlgău Raluca Claudia 38 / 15	Geodezie elipsoidala, I, II (curs, proiect)	Universitatea de Științe Agricole și Medicină Veterinară Cluj-Napoca / Facultatea de Horticultură/Specializarea Măsurători Terestre și Cadastru	Doctorat în Mine, Petrol și Gaze	1 teze (A1); 4 cărți (B1- B4); 17 lucrări indexate reviste ISI (C1-C5) , 4 articole indexate conferințe ISI (C6-C17), 24 articole indexate în BDI (C18- C42);	Îndeplinit
		Cartografie I (curs)				
		Modelare Cartografică- (curs, lucrări)				
		Sisteme informatice în geodezie -GIS (curs, lucrări)				
		Istoria Geodeziei (curs)				
		Prelucrare automată a datelor geodezice (curs)				
		Geografie fizică (curs)				

* Din statul de funcții cumulativ al tuturor disciplinelor și tuturor activităților didactice desfășurate în cadrul programului de studii evaluat.

Nume Prenume: Gâlgău Raluca Claudia

Gradul didactic: Conferențiar

Instituția unde este titular: Universitatea Tehnică din Cluj-Napoca

Facultatea: de Construcții

Departamentul: Măsurători Terestre și Cadastru

LISTA LUCRĂRILOR ȘTIINȚIFICE

A. Teza de doctorat

"METODE GEODEZICE ȘI TOPOGRAFICE DE MONITORIZARE A MIȘCĂRII SUPRAFETEI, SUB INFLUENȚA EXPLOATĂRII ZĂCĂMINTELOR DE SARE" susținută la Universitatea din Petroșani la data de 09.06.2017, lucrare elaborată sub îndrumarea științifică a Prof. univ. dr. ing. Nicolae DIMA.

B. Cărți publicate

1. Naș Sanda, **Gâlgău Raluca**, Automatizarea lucrărilor de geodezie și topografie, 154 pagini, Editura Risoprint Cluj - Napoca, 2017, ISBN 978-973-53-2012-6
2. **Gâlgău Raluca**, Modelare Cartografică, Ed. U.T.Press, Cluj-Napoca, 2025, ISBN 978-606-737-772-9
3. **Gâlgău Raluca**, Mircea Ortelecan, Geodezie Elipsoidală, Ed. U.T.Press, Cluj-Napoca, 2025, ISBN 978-606-737-771-2
4. Naș Sanda, **Gâlgău Raluca**, Sisteme de Coordonate în Măsurători Terestre, Ed. U.T.Press, Cluj-Napoca, 2025, ISBN 978-606-737-773-6

C. Articole publicate în reviste ISI THOMSON REUTERS și în volume indexate ISI proceedings

1. Conf. Dr. Ioel VERES, **Ph.D Stud. Raluca FARCAS**, Ph.D Stud. Nelu STEFAN, Study on the surface instability of the coal exploitation are in Livezeni, 13th International Multidisciplinary Scientific Geoconference SGEM 2013, 16-22 June, 2013, Albena Co., Bulgaria
<https://www.webofscience.com/wos/woscc/full-record/WOS:000349067300055>
2. Conf. Dr. Ioel VERES, **Ph.D Stud. Raluca FARCAS**, Ph.D Stud. Nelu STEFAN, Using laser scanning systems in salt mines perimeters in order to determine vertical movements, 13th International Multidisciplinary Scientific Geoconference SGEM 2013, 16-22 June, 2013, Albena Co., Bulgaria
<https://www.webofscience.com/wos/woscc/full-record/WOS:000349067300068>
3. Conf. Dr. Ioel VERES, **Ph.D Stud. Raluca FARCAS**, Ph.D Stud. Andra PORUȚIU, The topographic monitoring of the terrain damaged by the exploitation of salt in Ocna Mureș, Romania. 14th International Multidisciplinary Scientific Geoconference SGEM 2014, 17-26 June, 2014, Albena Co., Bulgaria, 583-590 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000371600100072>
4. **Ph.D Stud. Raluca FARCAS**, Conf. Dr. Ioel VERES, Lect. PhD Sanda NAS, Ph.D Stud. Andra PORUȚIU, Topographic monitoring of the Lake "Groapa Burlacu" and its surrounding area Târgu Ocna, Bacău county. 15th International Multidisciplinary Scientific Geoconference SGEM 2015, 18-24 June, 2015, Albena Co., Bulgaria, 577-585 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000371600100072>
5. **Ph.D Stud. Raluca FARCAS**, Prof. PhD. Nicolae DIMA, Conf. Dr. Ioel VERES, Lect. PhD Sanda NAS, Ph.D Stud. Andra PORUȚIU, Monitoring the landslide topography in Turda. 15th International Multidisciplinary Scientific Geoconference SGEM 2015, 18-24 June, 2015, Albena Co., Bulgaria, 377-384 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000371600100047>
6. Sanda NAS, **Raluca FARCAȘ**, Andra PORUTIU, Considerations Regarding the Stability of Landmarks Used to Determine the Vertical Movements from a Rock Salt Exploitation Field, Modern Technologies for the 3rd Millennium , 27-28 November, 2015 – Oradea, Romania, 43-47 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000378314000008>
7. **Farcaș Raluca**, Naș Sanda, Poruțiu Andra, General considerations regarding the hydrostatic situation in the area surrounding a brine lake, Water resources, forest, marine and ocean ecosystems conference proceedings, SGEM 2016, Vol. III, International Multidisciplinary Scientific GeoConference-SGEM, 2016, 149-156 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000390874500021>
8. Tudor SALAGEAN, Teodor RUSU, Dumitru ONOSE, **Raluca FĂRCAS**, Bogdan DUDA, Paul SESTRĂȘ, The use of laser scanning tehnology in land monitoring of mining areas, Carpathian Journal of Earth and Environmental Sciences, Volume 11, No.2, 2016, Impact factor in 2016 =0,880.
<http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=642>

9. Bondrea Mircea Vasile, Nas Sanda, **Farcas Raluca**, Dirja Marcel, Sestras Paul, Construction survey and precision analysis using RTK technology and a total station at axis Stake-out on a construction site, Informatics, geoinformatics and remote sensing conference proceedings, SGEM 2016, Vol. II, International Multidisciplinary Scientific GeoConference-SGEM, 2016, 155-161 pp.
https://www.researchgate.net/publication/312344313_Construction_Survey_and_Precision_Analysis_Using_RTK_Technology_and_a_Total_Station_at_Axis_Stake-out_on_a_Construction_Site
10. Poruțiu Andra, Arion F., Iulia Mureșan, Teodor Rusu, T. Sălăgean, **Raluca Farcaș**, The influence of fertilizing schemes and thermal regime on wheat yields in the north-west region of Romania, AgroLife Scientific Journal – Volume 5, Number 2, 2016, 131-136 pp.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000390874500021>
11. Sanda NAS, **Raluca FARCAȘ**, Mircea BONDREA, Andra PORUTIU, Topographic monitoring of landmarks placed in the constructions foundations within the area of influence of a closed salt mine, 16th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, ISBN 978-88-87729-49-8, Mar 23-24, 2017, Oradea, Romania.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000413420300009>
12. P. SESTRAS, M. V. BONDREA, S. NAS, **R. FARCAS**, S. M. CIMPEANU, Building height determination and topographic survey comparison between the traditional method and the modern use of reflectorless Total Station, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-02-7 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 22, 131-138 pp, DOI: 10.5593/sgem2017/22/S09.017
<https://sgemworld.at/sgemlib/spip.php?article10435>
13. M. V. BONDREA, S. NAS, P. SESTRAS, A. CORNEL, **R. FARCAS**, Achieving basic and cadastral database related to a block in the built Sandulesti Commune, Cluj County, by using software G.I.S. Autocad Map, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-02-7 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 22, 43-50 pp, DOI: 10.5593/sgem2017/22/S09.006
<https://sgemworld.at/sgemlib/spip.php?article10405>
14. **Galgau Farcaș R.**, Bondrea M., Sestras P., Nas S., Poruțiu A., Implementation of a flooding study in a salt exploitation perimeter, 17th National Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, ISBN 978-88-87729-49-8, Mar 22-23, 2018, Oradea, Romania.
<https://cloud.uoradea.ro/index.php/s/swTp3We9kfKSzBn>
<http://www.edlearning.it/ebook/B322.pdf>
15. Paul Sestras, Stefan Bilasco, Sanda Rosca, Sanda Nas, Mircea V. Bondrea, **Raluca Galgau**, Ioel Veres, Tudor Salagean, Velibor Spalevic, Sorin M. Cimpeanu, Landslides susceptibility assessment based on GIS statistical bivariate analysis in the hills surrounding a metropolitan area, Sustainability 2019, 11(5), 1362; doi: 10.3390/su11051362 EISSN 2071-1050 Published by MDPI AG, Basel, Switzerland, Sustainability (ISSN 2071-1050; CODEN: SUSTDE), Impact Factor: 2.075 (2017) ; 5-Year Impact Factor: 2.177 (2017), **Category Quartile Q2**, Journal Citation Indicator 0.68 (2024), High visibility: indexed by the Science Citation Index

Expanded and Social Sciences Citation Index (Web of Science), as well as Scopus and other databases.

<https://www.mdpi.com/2071-1050/11/5/1362>

16. Nas Sanda Marioara, Bondrea Mircea Vasile, Radulescu Virgil Mihai, **Galgau Raluca**, Veres Ioel, Bondrea Raluca, Radulescu Adrian Traian, The Use of UAVs for Land Use Planning of Brownfield Regeneration Projects-Case Study: Former Brick Factory, Cluj Napoca, Romania, LAND MDPI, 2023, eISSN 2073-445X, Volume 12, Issue 2, DOI 10.3390/land12020315, Current Publisher MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, **Category Quartile Q2**, Journal Citation Indicator 0.82 (2023)
<https://www.mdpi.com/2073-445X/12/2/315>
17. **Galgau Raluca**, Nas Sanda Marioara, Radulescu Virgil Mihai, Veres Ioel, Bondrea Mircea Vasile, The Use of UAVs to Obtain Necessary Information for Flooding Studies: The Case Study of Somes River, Floresti, Romania, APPLIED SCIENCES-BASEL MDPI, eISSN 2076-3417, Volume 13 Issue 21, DOI 10.3390/app132111688, Article Number 11688, Published Nov. 2023, Indexed 03.12.2023, Current Publisher MDPIST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND, **Category Quartile Q2**, Journal Citation Indicator 0.56 (2023)
<https://www.mdpi.com/2076-3417/13/21/11688>

D. Articole publicate în reviste B+, BDI

1. **Ph.D Stud. Raluca FARCAS**, Prof. PhD. Nicolae DIMA, Lect. PhD Sanda NAS, Ph.D Stud. Andra PORUȚIU, Considerations regarding the stability of topographic landmarks placed on a salt probes field, Geomat 2015, Iasi, November 2015
http://revcad.uab.ro/upload/38_478_06_Farcas_R.pdf
2. Dumitru ONOSE, Tudor SĂLĂGEAN, Mircea ORTELECAN, **Raluca FARCAS**, Adrian SAVU, Constantin COȘARCĂ, Aspects regarding the subsidence parameters monitoring in conditions of salt deposits, Geomat 2015, Iasi, November 2015, RevCad 19/2015, 55-62 pp.
http://revcad.uab.ro/upload/38_479_07_Salagean_T.pdf
3. **Raluca FARCAS**, Sanda NAS, Andra PORUTIU, Tudor Sălăgean, Considerations regarding the overall stability of voids created in salt massifs following exploitation by dissolution, Agriculture – science and practice, no.3-4 (95-96)/2015, 120-122 pp.
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11756>
4. **Raluca FARCAS**, Tudor SĂLĂGEAN, Maricel PALAMARIU, Sanda NAS, Mircea ORTELECAN, Considerations regarding the stability of landmarks and topographic marks placed in a field of salt probes, RevCad 21/2016, 45-50 pp.
http://revcad.uab.ro/upload/40_530_06Farcas_Salagean_Palamariu_Nas_Ortelecan.pdf
5. **Raluca FARCAS**, Sanda NAS, Mircea Bondrea, Andra Porutiu, Tudor Sălăgean, General aspects regarding the stability of surfaces affected by instability phenomena, Agriculture – science and practice, no. 1-2 /2016, 134-138 pp
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/12039>
6. **FARCAS Raluca**, T. Sălăgean, Andra Ramona Poruțiu, M. Ortelecan, D. Onose, A. Savu, Sanda Naș, Mariana Călin, General aspects regarding the present situation of areas affected by

subsidence produced by exploitation of rock salt by dissolving, Agriculture – science and practice, no. 1-2 /2015, 166-169 pp.

<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11264>

7. Sălăgean T., Andra Poruțiu, Anca Maria Moscovici, Mariana Călin, V. Păunescu, **Raluca Farcaș**, Contributions to achieve an informational system specific for real estate cadastre, Agriculture – science and practice, no. 3-4 /2016, 124-127 pp.
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/12032>
8. Sălăgean T., Andra Poruțiu, Mircea Ortelecan, Ioana Pop, Florica Matei, Cristina Olimpia Rus, **Raluca Farcaș**, General aspects necessary to design and track the execution of a sewerage system, Agriculture – science and practice, no. 1-2/2016, 145-150 pp.
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/12033>
9. Tudor Sălăgean, Dumitru Onose, Mircea Ortelecan, Paul Sestraș, Dan Vele, Mariana Călin, **Raluca Farcaș**, Aspects regarding the observations of vertical displacements of rockfill (riprap) dams, Scientific Paper. Series E. Land reclamation, Earth Observations & Surveying, Environmental Engineering, Vol. IV, 2015, 165-170 pp.
<https://landreclamationjournal.usamv.ro/index.php/scientific-papers/9-articles-2012/284-aspects-regarding-the-observations-of-vertical-displacements-of-rockfill-riprap-dams-284>
10. Sălăgean T., M. Ortelecan, N. Pop, C. Arsene, Diana Ficior, Jutka Deak, Andra Poruțiu, **Raluca Farcaș**, Considerations regarding the determination of chimney tilt by geodetic methods, Agriculture – science and practice, no. 3-4 /2015, 147-153 pp
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11793>
11. Tudor Sălăgean, Paul Sestraș, Mircea Ortelecan, Dumitru Onose, Adrian Savu, **Raluca Farcaș**, Andra Poruțiu, The use of Statistical Assumptions at determining the support network points, Bulletin UASVM Horticulture 72 (2)/2015
<https://journals.usamvcluj.ro/index.php/horticulture/article/view/11580>
12. Poruțiu Andra, Arion F., T. Sălăgean, **Raluca Farcaș**, Lavinia Moldovan, Research concerning the effect of a fertilization system on wheat crops on a representative soil in the Transylvanian plain, Agriculture – science and practice, no. 1-2 /2015, 69-72 pp
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11254>
13. Poruțiu Andra, Arion F., Iulia Mureșan, T. Sălăgean, **Raluca Farcaș**, Considerations regarding an economic approach on wheat crops cultivated following corn crops on a representative soil in Romania, Agriculture – science and practice, no. 3-4 /2015, 94-98 pp
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11753>
14. Andra Poruțiu, Felix Arion, Iulia Mureșan, **Raluca Farcaș**, Tudor Sălăgean, Lavinia Moldovan, Economic optimization of the fertilization system on corn crops on a representative soil in the Transylvanian Plain, Bulletin UASVM Horticulture 73 (1)/2016
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/11754>
15. Poruțiu Andra, Vasile Viorel Poruțiu, Iulia Cristina Mureșan, Gabriela Chiciudean, Tudor Sălăgean, **Raluca Farcaș**, Comparative approach regarding several performance criteria in higher agronomic education, ProEnvironment 9 /2016, 203-208 pp.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/12558>

16. Poruțiu Andra, Arion F., Iulia Mureșan, Camelia Oroian T. Sălăgean, **Raluca Farcaș**, Considerations on a comparative approach regarding wheat and corn crops in the Transylvanian plain, Agriculture – science and practice, no. 1-2 /2016, 76-80 pp
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/12037>
17. Andra Poruțiu, Felix Arion, Iulia Mureșan, **Raluca Farcaș**, Tudor Sălăgean, Lavinia Moldovan, Comparative research on wheat and corn crops on a representative soil from Transylvania, Agriculture – science and practice, no. 3-4 /2016, 82-86 pp.
<https://journals.usamvcluj.ro/index.php/agricultura/article/view/12038>
18. Mircea Bondrea, Sanda Naș, **Raluca Fărcaș**, Paul Sestraș, Considerations on Topo-Geodetic Works Required for Plotting an Industrial Hall in Apa Commune, Journal ProEnvironment Promediu, Volume 9, No. 27, 2016
<https://ftp.cramagiurcea.ro/index.php/promediu/issue/view/321>
19. Mircea Vasile BONDREA, Paul SESTRĂȘ, Loredana SPOIALĂ, Sanda NAȘ, **Raluca FĂRCAȘ**, Considerations regarding the realization of the cadastral plan by updating the old land book plans, 18 th INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE & EXPO SGEM 2018, ISBN 978-619-7408-40-9 / ISSN 1314-2704, 2 July - 8 July, 2018, Vol. 18, Issue 2.2, 647-654 pp, DOI: 10.5593/sgem2018/2.2
<https://www.sgem.org/index.php/elibrary-research-areas?view=publication&task=show&id=682>
20. **Raluca Gâlgău**, Sanda Naș, Mircea Bondrea, Paul Sestraș, Andra Poruțiu, Possibilities to Integrate GPS Geodetic Networks into the National Geodesic Network Using Multi-Plane Orthogonal Transformation, ProEnvironment10 (2017) 271 – 275, Cluj-Napoca, 2017.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/12900>
21. Paul Sestraș, Mircea Vasile Bondrea, Sanda Naș, **Raluca Fărcaș**, Sorin Mihai Cîmpeanu, Building height determination and topographic survey comparison between the traditional method and the modern use of reflectorless total station, Jurnal International Multidisciplinary Scientific GeoConference: SGEM, Volumul 17, Pagini 131-137, Editor Surveying Geology & Mining Ecology Management (SGEM), 2017, DOI:10.5593/sgem2017/22,
<https://sgemworld.at/sgemlib/spip.php?article10435>
22. **Farcaș Gâlgău Raluca**, Sanda NAȘ, Andra PORUȚIU, Ovidiu SOFONEA, Considerations on Planimetric Verification of the Geodesy Support Network in Constanta Harbor, ProEnvironment11 (2018) 70-75, Cluj-Napoca, 2018.
<https://journals.usamvcluj.ro/index.php/promediu/article/view/13194>
23. George Fazacaș, **Raluca Farcaș Gâlgău**, Ioel Vereș, Sanda Naș, Andra Poruțiu, Considerations regarding monitoring evolution of subsidence and dissolution at the salt lake "Groapa Burlacu", Târgu Ocna, Bacău County, Romania, Vol. 13 No. 43 (2020): ProEnvironment, Published: 2020-09-30, Cluj-Napoca, 2020
<https://journals.usamvcluj.ro/index.php/promediu/article/view/14020>
24. George Fazacaș, **Raluca Farcaș Gâlgău**, Ioel Vereș, Sanda Naș, Mircea Bondrea, Paul Sestraș, Andra Poruțiu, Ovidiu Sofonea, Considerations Regarding the Altimetric Evaluation of

the Geodesic Support Network in Constanța Seaport Area, ProEnvironment 13 (2020) 110-115, Published: 2020-09-30, Cluj-Napoca, 2020

<https://journals.usamvcluj.ro/index.php/promediu/article/view/14021>

E. Lucrări publicate în reviste și volume de conferințe cu referenți (neindexate)

1. **Ph.D Stud. Raluca FARCAS**, Prof. PhD. Nicolae Dima, Considerations on overall stability of gap created, in 22 december 2010, in town Ocna Mureș, county Alba, Geoecologia, Petrosani, 2014.
2. **Gâlgău Raluca**, Naș Sanda, Vereș Ioel, Bondrea Mircea, Rădulescu Mihai, Rădulescu Adrian, Fazacaș I. G. Răzvan, Monitoring road infrastructure works for the bypass of Zalău Municipality using remote sensing images and data, Proceedings of the International Conference, C70- International Conference, 8-11 November 2023, Cluj-Napoca, Romania, Tradition and Innovation – 70 Years of Higher Education in Civil Engineering in Transilvania, ISBN 978-606-737-657-9, 2023
3. George I. Acatrinei, Vereș Ioel, Naș Sanda, **Gâlgău Raluca**, Observation of Landslide Phenomena and Amplitude Analysis using Remote Sensing and UAV Technology, Proceedings of the International Conference, C70- International Conference, 8-11 November 2023, Cluj-Napoca, Romania, Tradition and Innovation – 70 Years of Higher Education in Civil Engineering in Transilvania, ISBN 978-606-737-657-9, 2023
4. Fazacaș G.I.R., **Gâlgău R.** - Monitoring of Gravel Pits by Satellite Remote Sensing Located in the Nature 2000 Site Rospa0114 Middle Course of Someș in Sălaj County, Annals of the University of Petrosani, Mining Engineering, 23 (2022), ISSN 1454-9174, UNIVERSITAS PUBLISHING HOUSE Petroșani – ROMÂNIA, 2022
5. George I. Acatrinei, Ioel Vereș, Sanda M. Naș, **Raluca C. Gâlgău**, -Topographic and photogrammetric monitoring of the Trotuș Mine – Târgu Ocna Salt Mine and the implications on regional development, Proceedings Of The International Conference 9th CERS - Central European Conference in Regional Science “Sustainability-driven territorial development. Challenges for CEECs”, ISBN 978-606-737-808-5, 27-29 November 2025, Cluj-Napoca, Romania
6. **Gâlgău. Raluca**, Vereș. Ioel, Isac. Ramona Alina, Fazacaș Răzvan, - Implementation of the Green Spaces Register using GIS technologies and UAV photogrammetry for sustainable urban management, Proceedings Of The International Conference 9th CERS - Central European Conference in Regional Science “Sustainability-driven territorial development. Challenges for CEECs”, ISBN 978-606-737-808-5, 27-29 November 2025, Cluj-Napoca, Romania

F. Granturi / Proiecte castigate prin competitie

1. Contract de Cercetare, Dezvoltare, Inovare National (N-C-CDI): Urmărirea fenomenelor de instabilitate aferente exploatării zăcămantului Fetele Targului, Targu Ocna, Mina Trotuș. Măsură de diminuare a acestora - Prognoza evoluției și influența acestora asupra desfășurării activității de exploatare și de turism în condiții de siguranță pentru personal, vizitatori echipamente și utilaje, Beneficiar: Societatea Națională a Sării S.A. București Sucursala Salina Targu Ocna, Contract: N-C-CDI 12/29.04.2026, Director contract

2. Contract de Cercetare, Dezvoltare, Inovare National (N-C-CDI): Urmărirea fenomenelor de instabilitate aferente exploatarei zăcămantului Fetele Targului, Targu Ocna, Mina Trotus. Masuri de diminuare a acestora - Prognoza evolutiei si influenta acestora asupra desfasurarii activitatii de exploatare si de turism in conditii de siguranta pentru personal, vizitatori echipamente si utilaje, Beneficiar: Societatea Nationala a Sării S.A. Bucuresti Sucursala Salina Targu Ocna, Contract: N-C-CDI 2025, Membru in colectiv
3. Contract de Cercetare, Dezvoltare, Inovare National (N-C-CDI): Urmărirea fenomenelor de instabilitate aferente exploatarei zăcămantului Fetele Targului, Targu Ocna, Mina Trotus. Masuri de diminuare a acestora - Prognoza evolutiei si influenta acestora asupra desfasurarii activitatii de exploatare si de turism in conditii de siguranta pentru personal, vizitatori echipamente si utilaje, Beneficiar: Societatea Nationala a Sării S.A. Bucuresti Sucursala Salina Targu Ocna, Contract: N-C-CDI 16508/20.05.2024, Director contract
4. Contract de Cercetare, Dezvoltare, Inovare National (N-C-CDI): Urmărirea fenomenelor de instabilitate aferente exploatării zăcămantului Gura-Slănic Tg. Ocna, sare în soluție și influența acestora asupra suprafeței și construcțiilor din zona de influență și Urmărirea fenomenelor de instabilitate aferente exploatării zăcămantului Fețele Târgului, Târgu Ocna, Mina Trotuș. Măsuri de diminuare a acestora – prognoza evoluției și influența asupra desfășurării activității de exploatare a zăcămantului , Beneficiar: Societatea Nationala a Sării S.A. Bucuresti Sucursala Salina Targu Ocna, Contract: N-C-CDI 15422/24.05.2022, Membru in colectiv
5. Contract terți: Măsurători topogeodezice și raport anual pentru urmărirea tasării-deplasării construcțiilor hidrotehnice la Depozitul de zgură și cenușă Panic , Beneficiar: Citadin Zalău SRL, Contract: C-CDI 22507/19.07.2022, Membru în colectiv
6. Contract terți: Monitorizarea lucrărilor de sprijin ale structurilor din pamant armat pe autostrada Deva-Lugoj, Beneficiar: Creativ Val SRL, Contract: C-25A-2017, 2017, Membru in colectiv

Data: 06.04.2026

Semnătura,
Conf.dr.ing. Raluca Gălgău