

LISTA LUCRĂRILOR ȘTIINȚIFICE

Conf. univ. dr. ing. HERBEI MIHAI VALENTIN

A. Teza de doctorat

**„Realizarea unui Sistem Informatic Geografic în zonele afectate de
exploatările miniere utilizând tehnici și tehnologii moderne”
2006 - 2009**

**Coordonator: Prof univ. dr. ing. DIMA NICOLAE
DOMENIUL DE DOCTORAT MINE, PETROL ȘI GAZE**

B. Cărți, manuale, îndrumătoare de laborator

Nr. Crt	Autori	Titlul cartii	Editura	ISBN și / sau ISSN	Anul	Nr pagini
1	Herbei M.	<i>GIS SI MODELARE CARTOGRAFICA</i>	Universitas, Petrosani	978-973-741- 434-2	2015	255
2	Popescu C.A. Copacean L. Herbei M.	<i>Teledeteție fundamente teoretice</i>	Eurostampa Timișoara	978-606-32- 0080-9	2015	187
3	Herbei O. Herbei M.	<i>PROIECȚII CARTOGRAFICE</i>	Universitas Petroșani	979-774-143	2012	207
4	Samfira I. Moisuc A. Sarateanu V, Marusca T. Harmanescu M. Popescu C.A. Herbei M.	<i>Elemente metodologice aplicate în cercetarea pajiștilor</i>	Mirton Timișoara	978-973-52- 1028-1	2011	270

5	Hebei M. Smuleac A. Popescu C.	Cartografie digitala & Mobile GIS	Mirton Timișoara	978-973-52- 1839-3	2018	218
6	Smuleac A. Herbei M. Popescu C	Metode moderne de achizitie si prelucrare a datelor topogodezice	Mirton Timișoara	978-973-52- 1840-9	2018	318
7	Popescu G. Dragomir L. Popescu C. Herbei M.	Tehnologia UAV - Fundamente teoretice	Mirton Timișoara	978-973-132- 690-0	2020	200
8	Hebei M. Popescu G. Bertici R.	TEORIA GENERALA A PROIECTIILOR CARTOGRAFICE	Eurobit Timișoara	978-973-132- 791-4	2021	228
9	Herbei O. Herbei M.	SISTEME INFORMATICE GEOGRAFICE. FUNDAMENTE TEORETICE ȘI APLICAȚII.	Universitas Petroșani	979774143	2010	216
10	Herbei M. Ular R.	ÎNTOCMIREA ȘI REDACTAREA HĂRȚILOR ȘI PLANURILOR TOPOGRAFICE	Dalami, Caransebeș	978-973-1717- 42-5	2011	96
11	Herbei M.	TEHNOLOGIA INFORMATIEI – Curs pentru studentii IFR	Agroprint Timisoara		2013	114
12	Herbei M.	GRAFICA ASISTATA DE CALCULATOR – Curs pentru studentii IFR	Agroprint Timisoara		2013	105

13	Colectiv	Teste grila pentru examenul de licenta. Specializarea Masuratori Terestre si Cadastru	Agroprint Timisoara	978-606-785-044-4	2017	293
14	Colectiv	Teste grila pentru examenul de licenta. Specializarea Masuratori Terestre si Cadastru	Agroprint Timisoara	978-606-785-044-4	2018	293
15	Herbei M.	SISTEME INFORMATICE GEOGRAFICE. APLICAȚII.	Universitas Petroșani	978-973-741-333-8	2013	235
16	Herbei M. Herbei R.	Lucrari de Topografie miniera – Indrumar de laborator	Agroprint Timisoara	9-786067-850000	2015	152
17	Popescu C., Copacean L. Herbei M.	Teledetecție – Aplicații practice	Eurostampa Timisoara	978-606-32-0134-9	2015	140
18	Popescu G. Dragomir L. Popescu C. Herbei M.	APLICATII ALE TEHNOLOGIEI UAV IN MASURATORI INGINERESTI	Mirton Timișoara	978-973-132-691-7	2020	250

C. Lucrări indexate ISI/BDI

1. Lucrări științifice publicate în reviste indexate ISI

Nr. Crt	Autori	Titlul lucrării	Conferința, Simpozionul, Denumirea volumului, Localitatea, etc.	Anul	Pag.	Vol (Nr.)/ISBN	Factor de impact
1	Herbei M. Nemes I.	Using GIS analysis in transportation network http://sgem.org/sgemlib/spip.php?article2079&language=en	12TH INTERNATIONAL MULTIDISCIPLINARY SCIENTIFIC GEOCONFERENCE, SGEM 2012, VOL. II	2012	1193 - 1200	Vol. 2, ISSN 1314-2704	0
2	Dragomir L. Herbei M.	Monitoring the subsidence phenomenon in Petrosani city using modern methods and technologies http://omicron.ch.tuiasi.ro/EEMJ/issues/vol11/vol11no7.htm	Environmental Engineering and Management Journal	2012	1379-1355	Vol.11, No.7, ISSN: 1582-9596, eISSN: 1843-3707	1,17
3	Oncia S. Herbei M. Popescu C	Sustainable Development of the Petrosani City, the Hunedoara County Based on GIS Analysis http://www.jepe-journal.info/vol-14-no1	Journal of Environmental Protection and Ecology WOS:000317437400028	2013	232-239	Vol. 14, No 1, ISSN 1311-5065	0,338
4	Oncia S. Herbei M. Popescu C.	Study of territorial and infrastructure development in the Petrosani city - The Hunedoara county using GIS elements http://www.jepe-journal.info/vol-14-no1	Journal of Environmental Protection and Ecology WOS:000317437400027	2013	225-231	Vol. 14, No 1, ISSN 1311-5065	0,338
5	Oncia S. Copacean L. Herbei M.	Geographical dimension of land degradation and quantitative evaluation of surface erosion, for the territory of Traian Vuia municipality, using geographic information systems http://sgem.org/sgemlib/spip.php?article2914 DOI:	Geoconference on Informatics, Geoinformatics and Remote Sensing - Conference Proceedings, Vol I in 2013	2013	737 - 744	Vol. 1, ISBN 978-954-91818-9-0 / ISSN 1314-2704	0

		10.5593/SGEM2013/BB2.V1/S11.016					
6	Smuleac A Popescu C. Herbei M. Barliba L Smuleac L.	Topographic surveys and compensations with toposys applied at the B.U.A.S.V.M. TIMISOARA, ROMANIA http://www.sgem.org/sgemlib/spip.php?article4191&lang=en	GEOCONFERENCE ON INFORMATICS, GEOINFORMATICS AND REMOTE SENSING, VOL II	2014	615-622	Vol. 2, ISBN 978-619-7105-11-7 / ISSN 1314-2704	0
7	Herbei R. Herbei M. Matei A. Moraru R.	Use of Modern Technology for Adapting the Tourist Areas Affected by the Mining Exploitation	INZYNIERIA MINERALNA-JOURNAL OF THE POLISH MINERAL ENGINEERING SOCIETY ISSN 1640-4920	2014	Page 178-183	Issue 2	0
8	Herbei R. Matei A. Herbei M. Avram C.	Determining The Best Use Of Land Mined - Case Study - Paroseni Ash Deposit http://sgem.org/sgemlib/spip.php?article4727 DOI: 10.5593/SGEM2014/B51/S20.027	GEOCONFERENCE ON ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL I	2014	195-200	Vol. 1, ISBN 978-619-7105-17-9 / ISSN 1314-2704	0
9	Herbei M. Sala F. Boldea M.	Using Mathematical Algorithms for Classification of LANDSAT 8 Satellite Images http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4912899 DOI: 10.1063/1.4912899	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM-2014)	2015	670004	Volume number: 1648, ISBN: 978-0-7354-1287-3	0
10	Herbei M. Sala F. Boldea M.	Relation of Normalized Difference Vegetation Index with Some Spectral Bands of Satellite Images http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4912898 DOI: 10.1063/1.4912898	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM-2014)	2015	670003	Volume number: 1648, ISBN: 978-0-7354-1287-3	0

11	Herbei M. Sala F.	Use Landsat Image to evaluate vegetation stage in sunflower crops http://agrolifejournal.usamv.ro/index.php/scientific-papers/188-use-landsat-image-to-evaluate-vegetation-stage-in-sunflower-crops-188	AGROLIFE SCIENTIFIC JOURNAL Volume 4, Number 1,	2015	79-86	ISSN 2285-5718; 2015	0
12	Herbei M. Herbei R, Radulov I.	Topology of Spatial Data http://www.sgem.org/sgemlib/spip.php?article5892&lang=en DOI: 10.5593/SGEM2015/B22/S11.146	ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION, VOL III	2015	1175- 1182	Book2 Vol. 2, ISBN 978-619- 7105-35-3 / ISSN 1314- 2704	0
13	Dragomir L. Popescu C.A. Herbei M. Bertici R. Popescu G.	Evaluation Of Annual Soil Loss Through Surface Erosion In The Territory Bara, Romania http://sgem.org/sgemlib/spip.php?article8482&lang=en	INFORMATICS, GEOINFORMATICS AND REMOTE SENSING CONFERENCE PROCEEDINGS, SGEM 2016, VOL III	2016	199- 206	Book2 Vol. 3, ISBN 978- 619-7105- 60-5 / ISSN 1314-2704	0
14	Teche Constantinescu A. Herbei M. Lalescu D. Borlea F. Oncia S.	VEGETATION ANALYSIS IN CARANSEBES-ROMANIA, USING MODERN METHODS AND TECHNOLOGIES https://www.sgem.org/sgemlib/spip.php?article8633	SGEM2016 Conference Proceedings, ISBN 978-619-7105-60-5 / ISSN 1314-2704 Ecology, Economics, Education and Legislation, Vol Iii in 2016	2016	659 - 666	Book2 Vol. 3	0
15	Herbei M. Sala F.	Biomass Prediction Model in Maize Based on Satellite Images http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4952132 DOI: 10.1063/1.4952132	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM-2015)	2016	35000 9	Volume number: 1738 ISBN:978-0- 7354-1392- 4	0
16	Dragomir L Popescu C. Herbei M. Filip L. Ursu C. Chis C.	Mathematical modeling of measurements obtained by topogeodesical methods http://www.sciencedirect.com/science/article/pii/S0168165616306320 http://www.journals.elsevier.com/journal-of-biotechnology DOI:	Journal of Biotechnology	2016	S106	Volume 231, Supplement , 10 August 2016, ISSN: 0168-1656	2,667

		10.1016/J.JBIOTEC.2016.05.369					
17	Dragomir L. Ursu A. Popescu C. Herbei M. Chis C.	Considerations regarding the estimation of a linear movement trajectory of some material points under the action of some forces http://www.sciencedirect.com/science/article/pii/S0168165616306307 http://www.journals.elsevier.com/journal-of-biotechnology DOI: 10.1016/J.JBIOTEC.2016.05.367	Journal of Biotechnology	2016	S105	Volume 231, Supplement, 10 August 2016, ISSN: 0168-1656	2,667
18	Dragomir L. Herbei M. Bertici R. Popescu G.	Reducing Surface Soil Erosion Through Different Crop Types http://sgem.org/sgemlib/spip.php?article7296&lang=en	ECOLOGY, ECONOMICS, EDUCATION AND LEGISLATION CONFERENCE PROCEEDINGS, SGEM 2016, VOL I	2016	561-568	Book5 Vol. 1, ISBN 978-619-7105-65-0 / ISSN 1314-2704	0
19	Herbei M. Herbei R.	Modern Methods Of Optimization Underground Topographic Networks http://sgem.org/sgemlib/spip.php?article8344&lang=en DOI: 10.5593/SGEM2016/B22/S09.058	INFORMATICS, GEOINFORMATICS AND REMOTE SENSING CONFERENCE PROCEEDINGS, SGEM 2016, VOL II	2016	449-456	Book2 Vol. 2, ISBN 978-619-7105-60-5 / ISSN 1314-2704	0
20	Imre K.Sala C. Morar A. Ilie M. Plutzer J. Imre M. Hora F. Badea C., Herbei M. Dărăbuș G.	Giardia duodenalis and Cryptosporidium spp. as contaminant protozoa of the main rivers of western Romania: genetic characterization and public health potential of the isolates https://www.ncbi.nlm.nih.gov/pubmed/28653194 DOI: 10.1007/S11356-017-9543-Y	Environmental science and pollution research	2017	1-8	ISSN: 0944-1344 (Print) 1614-7499 (Online)	2,741

21	Imre K. Morar A. Ilie M. Plutzer J. Imre M. Tîrziu E. Herbei M. Dărăbuş G.	Survey of the Occurrence and Human Infective Potential of Giardia duodenalis and Cryptosporidium spp. in Wastewater and Different Surface Water Sources of Western Romania http://online.liebertpub.com/doi/abs/10.1089/vbz.2017.2155 https://doi.org/10.1089/vbz.2017.2155	Vector-Borne and Zoonotic Diseases	2017	685-691	Vol 17, August 2017, ISSN: 1530-3667 • Online ISSN: 1557-7759	2,045
22	Herbei R. Herbei M. Matei A. Dunca E.	Spatial Analysis Methods of Raster Data Used into the Geographical Information Systems DOI: 10.29227/IM-2018-01-25	INZYNIERIA MINERALNA-JOURNAL OF THE POLISH MINERAL ENGINEERING SOCIETY	2018	151-158	Vol. 19	0
23	Constantinescu C. Herbei M. Rujescu C. Sala F.	Characterization of the Interdependency Relations between the Spectral Information, Vegetation Indices and the Number of Classes for the Analyzed Territory https://aip.scitation.org/doi/abs/10.1063/1.5043986 DOI: 10.1063/1.5043986	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM)	2018	39000 2	Volume 1978, Issue 1	0
24	Constantinescu C. Herbei M. Rujescu C. Sala F.	Model Prediction of Chlorophyll and Fresh Biomass in Cereal Grasses Based on Aerial Images https://aip.scitation.org/doi/abs/10.1063/1.5043987 DOI: 10.1063/1.5043987	INTERNATIONAL CONFERENCE OF NUMERICAL ANALYSIS AND APPLIED MATHEMATICS (ICNAAM)	2018	39000 3	Volume 1978, Issue 1	0
25	Nicolin A. Popescu C. Rujescu C. Herbei M. Sala F.	Interdependence Relations between Biometric Indices in the Fruits of Quercus rubra L.	AIP CONFERENCE PROCEEDINGS	2019	37000 6	Volume 2116 Published 2019	0
26	Nicolin A. Popescu C. Rujescu C. Herbei M. Sala F.	Fractal Characterisation of the Cork Cambium in Fraxinus angustifolia Vahl. Depending on Image Caption Distance	AIP CONFERENCE PROCEEDINGS	2019	37000 5	Volume 2116 Published 2019	0

27	Sala F.Popescu C. Herbei M.Rujescu C.	Model of Color Parameters Variation and Correction in Relation to "Time-View" Image Acquisition Effects in Wheat Crop https://www.mdpi.com/2071-1050/12/6/2470	Sustainability 2020, https://doi.org/10.3390/su12062470 ISSN 2071-1050	2020	2470	12(6)	2,5920
28	Popescu C.A. Herbei M. Sala F.	REMOTE SENSING IN THE ANALYSIS AND CHARACTERIZATION OF SPATIAL VARIABILITY OF THE TERRITORY. A STUDY CASE IN TIMIS COUNTY, ROMANIA http://managementjournal.usamv.ro/pdf/vol.20_1/volume_20_1_2020.pdf	SCIENTIFIC PAPERS SERIES "MANAGEMENT, ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT" ISSN 2284-7995	2020	505-515	Volume 20 Issue 1/2020	0
29	Herbei M. Sala F.	EVALUATION OF URBAN AREAS BY REMOTE SENSING METHODS IN RELATION TO CLIMATIC CONDITIONS: CASE STUDY CITY OF TIMISOARA http://www.cjees.ro/viewTopic.php?topicId=859	Carpathian Journal of Earth and Environmental Sciences, August 2020, Vol. 15, No. 2, p. 327 – 337; Doi:10.26471/cjees/2020/015/133	2020	327-337	Vol. 15, No. 2, 2020	0,907
30	Sala F. Popescu C. Herbei M.	Fractal analysis in estimating the fragmentation degree of agricultural lands	SCIENTIFIC PAPERS SERIES "MANAGEMENT, ECONOMIC ENGINEERING IN AGRICULTURE AND RURAL DEVELOPMENT" ISSN 2284-7995	2020	517-524	Volume 20 Issue 3/2020	0
31	POPESCU G., POPESCU C.A., HERBEI M. , HORABLAGA A., SMULEAC A.	3D MODELING OF WASTE DUMPS IN ORDER TO ECOLOGY OF MINING AREAS http://agrolifejournal.usamv.ro/pdf/vol.IX_2/summary.pdf	Agrolife Scientific Journal ISSN 2286-0126	2020	240-250	Vol. 9, No. 2 2020	0
32	BADALUTA MINDA C. HERBEI M.	ASSESSMENT OF WATER RESOURCES USING LANDSAT SATELLITE IMAGERY http://www.eemj.eu/index.php/EEMJ/article/view/4281	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	2021	301-308	Vol. 20, Issue 2, 2021	0,806

33	BERTICI R. DICU D. HERBEI M. SALA F.	AGRICULTURAL LANDS SPATIAL VARIABILITY EVALUATION BASED ON AGROCHEMICAL INDICES FOR DIFFERENTIATED FERTILIZATION MANAGEMENT	Scientific Papers Series Management, Economic Engineering in Agriculture and Rural Development ISSN 2284-7995	2021	93- 100	Volume 21 Issue 2/2021	0
34							
34	SALA F., HERBEI M. , RUJESCU C.	RWLMod-Potential Model to Study Plant Tolerance in Drought Stress Conditions https://www.mdpi.com/2223-7747/10/12/2576/htm	Plants 2022, https://doi.org/10.3390/plants10122576	2021	2576	10(12)	3,935
35	HERBEI M. , HERBEI R., SALA F.	MODEL OF DESCRIBING THE DIVING PHENOMENON AND THE DIVING DISTANCE OF THE LAND UNDER THE INFLUENCE OF MINING ACTIVITY. CASE STUDY JIU VALLEY, ROMANIA http://landreclamationjournal.usamv.ro/pdf/2021/Art6.pdf	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering	2021	44-54	10	0
36	HERBEI M. , BERTICI R., SALA F.	GEOMATIC METHODS FOR MANAGEMENT PLANNING OF PROTECTED AREAS. CASE STUDY: PANIOVA FOREST, TIMIS COUNTY, ROMANIA http://landreclamationjournal.usamv.ro/index.php/scientific-papers/current	Scientific Papers. Series E. Land Reclamation, Earth Observation & Surveying, Environmental Engineering	2021	301- 311	10	0
37	HERBEI M. , BERTICI R., Badaluta- Minda C., Popescu G., SALA F.	THE MANAGEMENT OF LAND USE CHANGES IN PERI-URBAN AREA OF TIMISOARA CITY USING GIS AND REMOTE SENSING TECHNOLOGIES http://managementjournal.usamv.ro/pdf/vol.21_3/Art48.pdf	Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development	2021	421- 430	21(3)	0
38	DICU D., BERTICI R., HERBEI M. , SALA F.	MODEL FOR MONITORING AND PRODUCTION PREDICTING IN SUNFLOWER CROP BASED ON SATELLITE IMAGES http://managementjournal.usamv.ro/pdf/vol.21_4/Art21.pdf	Scientific Papers: Management, Economic Engineering in Agriculture & Rural Development	2021	175- 182	21(4)	0

39	BERTICI R. DICU D. HERBEI M., SALA F.	The Potential of Pig Sludge Fertilizer for Some Pasture Agricultural Lands' Improvement: Case Study in Timiș County, Romania https://www.mdpi.com/2073-4395/12/3/701	Agronomy https://doi.org/10.3390/agronomy12030701	2022	701	12(3)	3,417
	BADALUTA MINDA C. HERBEI M.	MODELLING THE SURFACE RUNOFF IN THE BARZAVA BASIN BASED ON GEOGRAPHIC INFORMATION SYSTEMS AND HEC GEOHMS http://www.eemj.icpm.tuiasi.ro/pdfs/accepted/48_371_Minda_21.pdf	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL ACCEPTATA - IN CURS DE PUBLICARE	2022			0,806
	SALA F., DOBREI A., HERBEI M.	Leaf Area Calculation Models for Vines Based on Foliar Descriptors https://www.mdpi.com/2223-7747/10/11/2453	Plants 2022, https://doi.org/10.3390/plants10122576 <u>IN CURS DE INDEXARE</u>	2021	2453	10(11)	3,935
	DRAGOMIR L. HERBEI M., HERBEI R.	The use of modern technologies in the surveying field https://www.proquest.com/openview/51440c0c2a1ea4b92594ace7471dce07/1?pq-origsite=gscholar&cbl=2040549	MATEC Web of Conferences <u>IN CURS DE INDEXARE</u>	2021	44348	Vol. 342 / 2021	0

2. *Lucrări științifice publicate în reviste indexate BDI*

Nr. Crt	Autori	Titlul lucrării	Revista/ Conferinta	BDI (Baza de date internațională)	Anul
1	Herbei O. Herbei M. Ular R.	The Principles of Surfaces Modeling and Their Protection http://www.arhiconoradea.ro/JAES/Journal_Archives/Istoric/Abstracts_TMPMIII_2009.pdf	Analele Universității din Oradea, Fascicula Construcții și Instalații hidroedilitare	Copernicus	2009
2	Herbei M. Herbei O. Ular R.	Performing a G.I.S. in the areas affected by the underground mining exploitations http://www.uab.ro/reviste_recunoscute/revcad/cuprins_1_2010.htm	RevCAD Journal of Geodesy and Cadastre	Copernics, Scirus	2010
3	Herbei O. Herbei M. Ular R.	Performing the data used in a G.I.S. http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20(XXXVIII).pdf	Annals of the University of Petrosani - MINING ENGINEERING	Ulrich's Periodicals Directory, Ebsco Publishing Inc., Periodicals.Ru, Suweco	2010
4	Herbei M. Herbei O. Ular R	The sustenable development of the areas affected by the underground mining http://www.upet.ro/annals/mining/pdf/Annals%20of%20UPET%20-%20Mining%20Engineering%20Vol%2011-2010%20(XXXVIII).pdf	Annals of the University of Petrosani - MINING ENGINEERING	Ulrich's Periodicals Directory, Ebsco Publishing Inc., Periodicals.Ru, Suweco	2010

5	Smuleac A. Popescu C. Ciolac V. Herbei M.	Topographic and land survey measurements at the didactic experimental station farm no.5 Timisoara http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010
6	Popescu C. Balbo P. Herbei M. Oncia S. Smuleac A.	A study on the georeference of the cadastral map for inventory of environment resources http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010
7	Popescu C. Smuleac A. Ciolac V. Herbei M.	The analysis of the vector system of the topographic map for the creation of a GIS project http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010
8	Herbei O. Popescu C. Herbei M.	Underground mining exploitation influence on the sustainable development of Jiu Valley Microregion http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010
9	Herbei M. Ciolac V. Smuleac A. Nistor E. Ciolac L.	Georeferencing of topographical maps using the software ArcGis http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010

10	Herbei M. Ciolac V. Herbei O. Popescu C. Ciolac L.	Modelling of surfaces in order to protect them http://www.rjas.ro/volume_detail/15	Research Journal of Agricultural Science	Cabi , Ulrich's Periodicals Directory Index Copernicus International Monsanto Missouri Library	2010
11	Herbei O. Herbei M. Ular R.	The optimization of the decision process in order to a sustainable development of the localities using G.I.S. instruments http://frmm.ubm.ro/Buletin/Buletin/Vol.%20XXIV%20Nr.%201%20-%202010.pdf	Buletinul Științific al Facultății de Resurse Minerale și Mediu din Universitatea de Nord din Baia Mare, Seria D, Exploatări Miniere, Prepararea Substanțelor Minerale Utile, Metalurgie Neferoasă, Geologie și Ingineria Mediului	ProQuest	2010
12	Herbei O. Herbei M. Ular R.	Managing the data used in a G.I.S. http://arhiconoradea.ro/Arhiva%20manifestarilor/Abstracts_Volum%2013_iulie2010.rtf.pdf	Analele Universității din Oradea, Fascicula Construcții și Instalații hidroedilitare	Index Copernicus	2010
13	Herbei M.	The use of G.I.S. in order to a sustainable development of the localities http://arhiconoradea.ro/Arhiva%20manifestarilor/Abstracts_Volum%2013_iulie2010.rtf.pdf	Analele Universității din Oradea, Fascicula Construcții și Instalații Hidroedilitare	Index Copernicus	2010
14	Herbei O. Herbei M. Ular R.	Modern technologies for monitoring the subsidence phenomenon http://www.arhiconoradea.ro/JAES/Journal_Archives/Istoric/vol.nov_2010supl.II.pdf	Analele Universității din Oradea, Fascicula Construcții și Instalații Hidroedilitare	Index Copernicus	2010

15	Herbei M. Ular R. Dragomir L.	Map overlay in G.I.S. http://www.ct.upt.ro/buletinhidro/Files/23-Herbei_1.pdf	Buletinul Științific al Universității "POLITEHNICA" din Timișoara, Seria HIDROTEHNICA - TRANSACTIONS on HYDROTECHNICS	VINITI Database RAS, SUWECO	2011
16	Herbei M. Herbei O.	Using spatial and 3D analysis instruments in a G.I.S. project http://www.ct.upt.ro/buletinhidro/Files/content_11_1.pdf	Buletinul Științific al Universității "POLITEHNICA" din Timișoara, Seria HIDROTEHNICA - TRANSACTIONS on HYDROTECHNICS	VINITI Database RAS, SUWECO	2011
17	Herbei M. Ular R.	Using Geographic Informatic Systems to monitor the areas affected by mining exploitation in order to a sustainable development of these areas	Special Issue dedicated to „The XIIIth International Symposium Young People and Multidisciplinary Research ISYPMR	EBSCO, ProQuest	2011
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19	Herbei M. Dragomir L Oncia S	Using satellite images LANDSAT TM for calculating normalized difference indexes for the landscape of Parang mountains http://www.uab.ro/geocad/upload/32_292_Paper12_RevCAD13_2012.pdf	RevCAD	Index Copernicus, Scirus	2012

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33	Bertici R. Herbei M. Popescu C. Oncia S. Smuleac L.	Comparative analysis of Mercator and U.T.M. map projections http://www.rjas.ro/volume_detail/28	Research Journal of Agricultural Science,	Cabi , Ulrich's, Index Copernicus, Monsanto Missouri Library	2014
34	Herbei M. Dragomir L. Popescu C. Pirsan R.	Processing and interpretation of satellite images Landsat 8 http://anale.agro-craiova.ro/index.php/aamc/article/viewFile/78/74	Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series	Index Copernicus	2014
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36	Herbei M., Sala F.	Using GIS technology in processing and analyzing satellite images – case study Cheile Nerei Beusnița National Park, Romania http://www.journal-hfb.usab-tm.ro/romana/2014/Lista%20lucrari%20PDF/Vol%2018(4)%20PDF/26Herbei%20Mihai.pdf	JOURNAL of Horticulture, Forestry and Biotechnology,	INDEX COPERNICUS, CABI – PUBLISHING WEBSITE SERIALS CITED SUBMISSION	2014

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44	Roxana Herbei Aronel MateiMihai Herbei Maria Gâf-Deac Cicerone Nicolae Marinescu Ion Iulian HurloiuMihai- Marius Nedelea Georgian Lăcătuș	The Use Of Landsat 8 Program In Jiu Valley Area http://www.e-editura.ro/jetk/pdf/JETK_No_2_February_2015.pdf#page=76	The Journal of Economics and Technologies Knowledge	ECONIS-ZBW/EconBiz, (http://www.zbw.eu/); RePEC	2015

45	GHERGHELAS ANDROO Paul Mihai Herbei Roxana HERBEI	Using the ArcGIS spatial and 3d analysis tools for a sustainable development of localities http://www.rjas.ro/volume_detail/35	Research Journal of Agricultural Science	Cabi , Ulrich's, Index Copernicus, Monsanto Missouri Library	2015
46	Herbei M. Sala F.	Classification of land and crops based on satellite images Landsat8: Case Study SD Timisoara http://journals.usamvcluj.ro/index.php/agriculture/article/view/12007/9850	BULLETIN OF UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE CLUJ- NAPOCA. AGRICULTURE	AGRICOLA, AGRIS, ASCI , CABI, DOAJ, EBSCO, Biomedical Reference Collection: Corporate, Central & Eastern European Academic Source, FAOBIB FAO, Google Scholar, INDEX COPERNICUS, SOCOLAR, Thomson Reuters Master Journal list (Zoological Records), VINITI	2016
47	Popescu G., Popescu C. A. Herbei M. Jucsor T.	Efficient use of modern technologies for cadastral works http://rjas.ro/volume_detail/36	Research Journal of Agricultural Science	Cabi , Ulrich's, Index Copernicus, Monsanto Missouri Library	2016
48	Popescu C.A. Smuleac A. Herbei M.	THE USE OF LIDAR REMOTE-SENSING DATA TO OPTIMISE ROUTES IN INFRASTRUCTURE PROJECTS https://www.rjas.ro/volume_detail/36	Research Journal of Agricultural Science	Cabi , Ulrich's, Index Copernicus, Monsanto Missouri Library	2016

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52	Constantinescu C.A. Herbei M.V. Sala F.	Characterization of some varieties of cereal grasses on the basis of spectral information from aerial images http://www.rjas.ro/volume_detail/40	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2017
53	Constantinescu C.A. Herbei M.V. Manea D. Sala F.	Analysis of some deficiencies in crops of wheat and barley based on terrestrial and aerial images http://www.rjas.ro/volume_detail/40	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2017
54	Smuleac A. Popescu C. Barliba L. Ciolac V. Herbei M.	USING THE GNSS TECHNOLOGY TO THICKEN GEODESIC NETWORK IN SECAȘ, TIMIȘ COUNTY, ROMANIA https://www.rjas.ro/volume_detail/42	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2017
55	Burescu F. Morariu O. Herbei M.	CREATING AND USING GIS DATABASES FOR THE INVENTORY OF TREE SPECIES FROM CAMPUS OF BUSAMV "KING MICHAEL I OF ROMANIA" FROM TIMISOARA https://www.rjas.ro/volume_detail/43	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2017

56	Neda A. Stoiconi A. Herbei M.	ANINA LOCAL PROJECTION SYSTEM AND THE CONNECTION TO GAUSS KRUGER AND STEREOGRAPHIC 1970 SYSTEMS https://www.rjas.ro/volume_detail/43	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2017
57	Sala F. Rujescu C. Herbei M	Morphology characterization of a plowed land through fractal analysis http://www.journal-hfb.usab- tm.ro/2017/Lucrari%20PDF21(1)/29S ala%20Florin.pdf	JOURNAL of Horticulture, Forestry and Biotechnology	CABI, COPERNICUS	2017
58	PĂUNESCU V. SĂLĂGEAN T. CĂLIN M. MOSCOVICI A. ȘUBA E. POPESCU C. HERBEI M. DRAGOMIR L.	ASPECTS REGARDING THE TRACKING OF THE BEHAVIOR IN TIME OF VÂLSAN DAM, ARGES COUNTY, ROMANIA http://journals.usamvcluj.ro/index.p hp/horticulture/article/view/12790	Bulletin UASVM Horticulture Cluj Napoca	AGRICOLA, AGRIS, ASCI , CABI, DOAJ, EBSCO, Biomedical Reference Collection: Corporate, Central & Eastern European Academic Source, FAOBIB FAO, Google Scholar, INDEX COPERNICUS, SOCOLAR, Thomson Reuters Master Journal list (Zoological Records), VINITI	2017
59	Herbei M. Popescu G. Smuleac A. Popescu C.A.	ACQUIRING AND PROCESSING OF FIELD INFORMATION BASED ON UAV, GNSS AND GIS TECHNOLOGIES http://revcad.uab.ro/upload/42_653 _Herbei.pdf	RevCAD Journal of Geodesy and Cadastre	Index Copernics, Scirus	2017

60	TENCHE C. A. HERBEI M. BORLEA F.	RESTORATION OF JUPA PARK - LANDSCAPE AND WOOD SPECIES ANALYSIS USING GIS TECHNOLOGY http://anale.agro-craiova.ro/index.php/aamc/issue/view/15/showToc	Analele Universității din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series)	CABI, COPERNICUS	2018
61	TENCHE C. A. HERBEI M. BORLEA F.	THE USE OF THE GEOGRAPHIC INFORMATION SYSTEMS FOR INVENTORING AND MONITORING THE GREEN AREAS IN CARANSEBEȘ http://anale.agro-craiova.ro/index.php/aamc/issue/view/15/showToc	Analele Universității din Craiova, seria Agricultură – Montanologie – Cadastru (Annals of the University of Craiova - Agriculture, Montanology, Cadastre Series)	CABI, COPERNICUS	2018
62	Rujescu C. Constantinescu C. Herbei M. Sala F.	An approximate method of evaluating the distances in some aerial images https://www.cabdirect.org/cabdirect/abstract/20183195721	Lucrări Științifice, Universitatea de Științe Agricole și Medicină Veterinară a Banatului, Timisoara,	CABI, COPERNICUS	2018
63	Imre M.Herbei M. Oprescu I.Morariu S.Mederle N. Ilie M.Imre K.Sîrbu C. Suici T. Barna N. Dărăbuș G.	LONG TERM STUDY OF THE SPATIAL EXPANSION OF CANINE BABESIOSIS IN TIMIȘ COUNTY https://www.usab-tm.ro/utilizatori/medicinaveterinara/Volum%20LI%20(3)%202018.pdf#page=67	LUCRĂRI ȘTIINȚIFICE MEDICINĂ VETERINARĂ	CABI, COPERNICUS	2018
64	Stuleanec A. Herbei M.	CAN I BE TRACKED BY GOOGLE? https://www.rjas.ro/issue_detail/47	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2018

65	Popescu L. Selariu R. Stuleanec A. Herbei M.	ARE THE GEOGRAPHICAL COORDINATES IMPORTANT?	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2018
66	SALA Florin HERBEI Mihai , CONSTANTINE SCU Cristian	Model to Estimate Soil Erosion Based on Imaging Analysis	Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture	AGRICOLA, AGRIS, ASCI , CABI, DOAJ, EBSCO, Biomedical Reference Collection: Corporate, Central & Eastern European Academic Source, FAOBIB FAO, Google Scholar, INDEX COPERNICUS, SOCOLAR, Thomson Reuters Master Journal list (Zoological Records), VINITI	2019
67	Roxana Herbei, Mihai Valentin Herbei, Radu Bertici	Methods of Determination of a Point where a Gallery Breaks Through a Deposit	RevCAD Journal of Geodesy and Cadastre	Copernicus	2019
68	Lavinia POPESCU, Andreea STULEANEC, O. TIMBOTA, R. BERTICI, M.V. HERBEI	The inventory and GIS mapping of heritage objectives from Timisoara	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2019

69	Roxana SELARIU, Andreea STULEANEC, Radu BERTICI, Mihai HERBEI	The use of remote sensing images in land monitoring	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2019
70	Florina MANCIU, O TIMBOTA , V. BELIN, R. BERTICI, M.V. HERBEI	THE USE OF GIS TECHNOLOGY IN HYDROGRAPHIC MANAGEMENT	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2019
71	Florina MANCIU, D. BEUTURA, O TIMBOTA, R. BERTICI, M.V. HERBEI	THE CONVERSION OF TOPOGRAPHIC DATAS IN GIS FORMAT	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2019
72	STĂNCESCU A.M., M.V. HERBEI, F. SALA	COMPARATIVE ANALYSIS OF 2 SATELLITE SYSTEMS IN SERVICES FOR AGRICULTURE CASE STUDY: THE USAMVBT DIDACTIC STATION	Research Journal of Agricultural Science 51(2) ISSN 2066-1843	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2019

73	George POPESCU, Cosmin Alin POPESCU, Mihai HERBEI, Lucian DRAGOMIR, Ionel SAMFIRA and Costel BARLIBA	Implementation of Aerial Monitoring Technology in Permanent Grassland Management	BulletinUASVM Horticulture	AGRICOLA, AGRIS, ASCI , CABI, DOAJ, EBSCO, Biomedical Reference Collection: Corporate, Central & Eastern European Academic Source, FAOBIB FAO, Google Scholar, INDEX COPERNICUS, SOCOLAR, Thomson Reuters Master Journal list (Zoological Records), VINITI	2019
74	George POPESCU, Cosmin Alin POPESCU, Mihai HERBEI, Lucian DRAGOMIR, Adrian SMULEAC and Silviu DOROBANTU	Monitoring of Excavation Works Using Modern Measuring Technology	BulletinUASVM Horticulture	AGRICOLA, AGRIS, ASCI , CABI, DOAJ, EBSCO, Biomedical Reference Collection: Corporate, Central & Eastern European Academic Source, FAOBIB FAO, Google Scholar, INDEX COPERNICUS, SOCOLAR, Thomson Reuters Master Journal list (Zoological Records), VINITI	2019

75	Dorobantu S. Herbei R. Bertici R. Popescu G. Dicu D. Herbei M.	THE USE OF GEOMATICS TECHNOLOGIES IN MONITORING THE EARTH'S SURFACE COVER https://rjas.ro/issue_detail/52	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
76	Sala F. Popescu C.A. Herbei M.	ASSESSMENT OF TEMPORAL VARIABILITY FOR AGRICULTURAL LAND BY FRACTAL ANALYSIS OF SATELLITE IMAGERY https://rjas.ro/issue_detail/52	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
77	Svestac C. Herbei M. Sala F.	LAND COVER CHANGE DETECTION IN TIMIS COUNTY BASED ON CORINE LAND COVER DABASES FROM 1990 - 2018 https://rjas.ro/issue_detail/54	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
78	Costaniuc A. Beleiu A. Herbei M. Sala F.	Monitoring of forest areas based on remote sensing images	JOURNAL of Horticulture, Forestry and Biotechnology	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020

79	Gherga B. Timbota O. Bertici R. Popescu G. Herbei M.	METHODS FOR GENERATING THE DIGITAL TERRAIN MODEL, DIGITAL SURFACE MODEL AND ORTHOMOSAIC USING UAV AND GNSS TECHNOLOGY https://rjas.ro/issue_detail/55	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
80	Rosca A. Juca I. Timbota O. Belin V. Bertici R. Herbei M.	METHODS FOR DIGITALIZING INFORMATION FROM ANALOGIC SUPPORT AND CREATING GIS DATABASES https://rjas.ro/issue_detail/55	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
81	Mita R. Simon M. Smuleac A. Copacean L. Popescu G. Herbei M.	USING GEOGRAPHICAL SYSTEMS IN ORDER TO ACHIEVE THE URBAN CADASTRE IN THE SUBCETATE NEIGHBORHOOD OF ARAD WITH THE HELP OF MODERN TECHNOLOGIES https://rjas.ro/issue_detail/55	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
82	Langhe S. Herbei M. Sala F.	USE OF REMOTE SENSING IMAGES IN CROP MONITORING CASE STUDY: SOYBEAN CROP https://rjas.ro/issue_detail/55	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2020
83	Herbei M. Herbei R. Filip L.	Spatial representation of useful minerals deposits https://sciendo.com/pdf/10.2478/minrv-2021-0019	Revista Minelor/Mining Revue	EBSCO, WorldCat s.a.	2021

84	Bertici R. Dicu D. Nita L. Smuleac L. Lato A. Herbei M. Herbei R.	SOIL DEGRADATIONS IN RICE (BANLOC, TIMIS COUNTY) https://rjas.ro/issue_detail/56	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2021
85	Anghel E., Nicola M., Vuculescu D., Herbei M. , Sala F.	METHODS FOR MONITORING LOCALITIES BASED ON REMOTE SENSING IMAGES. CASE STUDY: DUMBRAVITA, TIMIS COUNTY	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2021
86	Maran P., Herbei M.	USING GIS TECHNOLOGIES FOR SPATIAL ANALYSIS OF LANDSLIDES CASE STUDY SIGHETU MARMATIEI MUNICIPALITY	Scientific Bulletin Series D: Mining, Mineral Processing, Non-Ferrous Metallurgy, Geology and Environmental Engineering	ProQuest	2021
87	Voinov M., Isfan A., Ursci V., Bertici R., Herbei M.	USE OF SENTINEL 2 IMAGES IN LAND MANAGEMENT https://rjas.ro/issue_detail/58	Research Journal of Agricultural Science	Cabi (Sectiunea Plant Sciences), Ulrich's Periodicals Directory Index Copernicus International (I.C. Journals Master List IC= 3.93), Monsanto Missouri Library	2021
88	Herbei M. , Sala F.	MODEL FOR ESTIMATING RAPESEED PRODUCTION BASED ON REMOTE SENSING http://www.lssd- journal.com/index.php/lssd/article/v iew/127	LIFE SCIENCE AND SUSTAINABLE DEVELOPMENT	Google Scholar	2021

89	Rosu S., Herbei M. , Sala F.	MODEL FOR ESTIMATING OF SOME SHOOTS BIOMETRIC PARAMETERS IN THE CASE OF WOODY SPECIES http://lssd-journal.com/index.php/lssd/article/view/126	LIFE SCIENCE AND SUSTAINABLE DEVELOPMENT	Google Scholar	2021
90	Herbei M. , Sala F.	CHARACTERIZATION OF THE PERI-URBAN AREA OF TIMISOARA MUNICIPALITY BASED ON THE LST INDEX http://lssd-journal.com/index.php/lssd/article/view/125	LIFE SCIENCE AND SUSTAINABLE DEVELOPMENT	Google Scholar	2021

D. Granturi / Proiecte

Director / Responsabil

1	Herbei Mihai DIRECTOR	REALIZAREA HĂRȚII INTERACTIVE A CAMPUSULUI UNIVERSITĂȚII DE ȘTIINȚE AGRICOLE ȘI MEDICINĂ VETERINARĂ A BANATULUI "REGELE MIHAI I AL ROMÂNIEI" DIN TIMIȘOARA UTILIZÂND TEHNOLOGIA SISTEMELOR INFORMATICE GEOGRAFICE	Competiția internă de Proiecte de cercetare a USAMVBT / Beneficiar USAMVB Timisoara (20.000 lei)	2754/30. 04.2015	2015- 2017
2	Tenche A. - Director, Herbei Mihai - Responsabil proiect Membri: Bazavan R., Corcan S., Ivan R., Borlea F., Chiselita I., Banu C., Tota C., Popescu C., Banu T., Lalescu D., Tenche R..	ELABORAREA REGISTRULUI LOCAL AL SPATIILOR VERZI DIN MUNICIPIUL CARANSEBES	Contract de prestari servicii de cercetare -proiectare – documentare / Primaria Mun. Caransebes (130.000 lei)	17251/24 .06.2016	2016

3	<p>Popescu C. - Director contract</p> <p>Herbei M. - Responsabil tema cercetare</p> <p>Membri: Oncia S., Ciolac V., Dragomir L., Filip L., Smuleac A., Bertici R., Barliba L., Barliba C., Spilca M.</p>	<p>Întocmirea unei baze grafice geospatiale prin georeferențierea datelor cartografice</p>	<p>Contract de cercetare</p> <p>Agenția Națională de Cadastru și Publicitate Imobiliară -ANCPI și S.C. Silurus S.R.L. (25.000 Euro)</p>	<p>2188/15.04.2014</p>	<p>2015 - 2017</p>
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Membru

1	<p>Tenche A., Borlea F., Pirsan P., Oncia S., Hernea C., Chiselita i., Szekely G., Herbei M., Popescu C., Lalescu D., Tenche R.</p>	<p>Studiu privind Strategia de Dezvoltare a Spațiilor Verzi din Municipiul Caransebes (66.700 Lei)</p>	<p>9450/30.12.2013</p>	<p>2013</p>	<p>Primăria Municipiului Caransebes</p>
2	<p>Tenche A., Pirsan P., Dobrei A., Oncia S., Hernea C., Chisalita C., Sarac I., Becherescu A., Szekely G., Berar C., Silvasan M., Herbei M., Popescu C., Lalescu D., Tota C., Tenche R.</p>	<p>Studiu privind strategia de dezvoltare a spațiilor verzi din comuna Giroc, jud. Timis (12.400 Euro)</p>	<p>6058/30.09.2015</p>	<p>2015</p>	<p>Primăria Comunei Giroc</p>
3	<p>Dragomir L., Herbei M., Smuleac A. s.a.</p>	<p>Reabilitarea clădirii Muzeului Mineritului și amenajare muzeistică - Digitizarea obiectivului de patrimoniu Muzeul Mineritului (52.000 Lei)</p>	<p>10753/21.07.2017</p>	<p>2017</p>	<p>Primăria Municipiului Petrosani</p>

E. Premii

Premii Academia Romana

Nr. Crt	Premiu	Anul
1	PREMIILE ACADEMIEI ROMANA Premiul „Gheorghe Ionescu-Șișești” pentru cartea CARTOGRAFIE DIGITALA & MOBILE GIS	2020

Premii internationale in domeniu

Nr. Crt	Premiu	Anul
1	MEDALIA DE BRONZ - International Festival of Innovation, knowledge and Creations Novi Sad - Serbia BIOMASS PREDICTION MODEL IN MAIZE BASED ON SATELLITE IMAGES	2018
2	MEDALIA DE AUR - Salonul International de Inventii Inovatii "Traian Vuia" Timisora - 2018 BIOMASS PREDICTION MODEL IN MAIZE BASED ON SATELLITE IMAGES	2018
3	MEDALIA DE ARGINT - Salonul International de Inventii Inovatii "Traian Vuia" Timisora - 2018 USE LANDSAT IMAGE TO EVALUATE VEGETATION STAGE IN SUNFLOWER CROPS	2018
4	MEDALIA DE ARGINT - EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION - EUROINVENT IASI 2018 USE LANDSAT IMAGE TO EVALUATE VEGETATION STAGE IN SUNFLOWER CROPS	2018
5	MEDALIA DE AUR - INTERNATIONAL SALON OF RESEARCH, INNOVATION AND TECHNOLOGICAL TRANSFER - INVENTICA 2018 - IASI BIOMASS PREDICTION MODEL IN MAIZE BASED ON SATELLITE IMAGES	2018
6	MEDALIE DE BRONZ - TARGUL INTERNATIONAL DE INVENTICA SI EDUCATIE CREATIVA PENTRU TINERET - UNIVERSITATEA STEFAN CEL MARE, SUCEAVA BIOMASS PREDICTION MODEL IN MAIZE BASED ON SATELLITE IMAGES	2018

7	MEDALIE DE ARGINT - TARGUL INTERNATIONAL DE INVENTICA SI EDUCATIE CREATIVA PENTRU TINERET - UNIVERSITATEA STEFAN CEL MARE, SUCEAVA USE LANDSAT IMAGE TO EVALUATE VEGETATION STAGE IN SUNFLOWER CROPS	2018
8	MEDALIA DE ARGINT - EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION - EUROINVENT IASI 2020 MODEL OF COLOUR PARAMETERS VARIATION AND CORRECTION IN RELATION TO TIME VIEW IMAGE AQUISITION EFFECTS IN WHEAT CROP	2020
9	MEDALIA DE ARGINT - EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION - EUROINVENT IASI 2020 USING GIS TECHNOLOGY IN PROCESSING AND ANALYZING SATTELITE IMAGES	2020
10	MEDALIA DE AUR - Salonul International de Inventii Inovatii "Traian Vuia" Timisora - 2020 MODEL OF COLOUR PARAMETERS VARIATION AND CORRECTION IN RELATION TO TIME VIEW IMAGE AQUISITION EFFECTS IN WHEAT CROP	2020
11	DIPLOMA DE EXCELENTA SI MEDALIE DE AUR - PROINVENT CLUJ NAPOCA EVALUAREA ZONELOR URBANE PRIN METODE DE TELDETECTIE IN RELATIE CU CONDITIILE CLIMATICE . STUDIU DE CAZ ORSUL TIMISOARA	2021
12	MEDALIA DE AUR - Salonul International de Inventii Inovatii "Traian Vuia" Timisora - 2021 EVALUAREA VARIABILITATII TEMPORALE PENTRU TERENURILE AGRICOLE PRIN ANALIZA FRACTALA A IMAGINILOR DIN SATELIT	2021

Premii nationale in domeniu

Nr. Crt	Premiu	Anul
1	Premiul USAMVB „CEA MAI VALOROASA CARTE 2013” pentru Cartea "SISTEME INFORMATICE GEOGRAFICE - APLICATII"	2013
2	Diploma Excelenta Agronomiada 2017 - USAMVB TIMISOARA	2017

3	<p>Medalia de Argint Salonul "Cadet INOVA'18" Academia Forțelor Terestre "Nicolae Bălcescu" SALONUL INTERNAȚIONAL AL INOVĂRII ȘI CERCETĂRII ȘTIINȚIFICE STUDENȚEȘTI „Cadet INOVA'18” BIOMASS PREDICTION MODEL IN MAIZE BASED ON SATELLITE IMAGES http://cadetino.ro/index.php/ro/organizare/catalog/catalog-inova-18</p>	2018
4	<p>DIPLOMA DE EXCELENTA - FORUMUL INVENTATORILOR ROMANI - 2018 USE LANDSAT IMAGE TO EVALUATE VEGETATION STAGE IN SUNFLOWER CROPS</p>	2018
5	<p>UEFISCDI - Premiarea rezultatelor cercetării - Articole, Competitia 2017 pentru articolele: - Giardia duodenalis and Cryptosporidium spp. as contaminant protozoa of the main rivers of western Romania: genetic characterization and public health potential of the isolates, Environmental science and pollution research, IF 2,741, 2017 - Survey of the Occurrence and Human Infective Potential of Giardia duodenalis and Cryptosporidium spp. in Wastewater and Different Surface Water Sources of Western Romania, Vector-Borne and Zoonotic Diseases, IF 2,045, 2017</p>	2017
6	<p>UEFISCDI - Premiarea rezultatelor cercetării - Articole, Competitia 2020 pentru articolele: Model of Color Parameters Variation and Correction in Relation to "Time-View" Image Acquisition Effects in Wheat Crop Revista Sustainability www.mdp.com</p>	2020

Timisoara,

Întocmit:

Conf. dr. ing. HERBEI MIHAI VALENTIN

