

## LIST OF PAPERS

### a) Papers considered by the candidate to be most relevant (10 papers) - published after getting PhD degree

1. **Grecea Carmen** - *Geodetic engineering - important tool for Romanian seismicity study- SSE '09: PROCEEDINGS OF THE CONFERENCE ON SUSTAINABILITY IN SCIENCE ENGINEERING*, Timișoara, Romania 2009, pag. 102-107, **(ISI Proceedings)**;
2. **Grecea Carmen** - *Geoinformation support - impact on Urban Planning, Environment and Society - LATEST TRENDS ON URBAN PLANNING AND TRANSPORTATION UPT 09- Rodos Greece 2009*, pag 136-141 **(ISI Proceedings)**;
3. **Grecea Carmen, Bala AC** - *Geospatial Information – Modern tool for an efficient administration of Cemeteries in Timisoara - REVCAD - JOURNAL OF GEODESY AND CADASTRE – Alba Iulia 2009, Romania, (BDI, Copernicus);*
4. **Grecea Carmen, Ienciu I, Dimen L, Bălă A, Oprea L** - *Impact of Surveying Engineering on the Environmental Protection problems - JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY – 2009* pag. 352-361 **(ISI Journal)**;
5. **Grecea Carmen, Bala AC, Herban S,** - *Cadastral Requirements for Urban Administration, key component for an efficient Town Planning- JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY – 2010* pag. 363-371 **(ISI Journal)**;
6. **Grecea Carmen, Vilceanu CB,** - *Using Geographic Information System analysis in the management of Flood Risk Areas - 13TH INTERNATIONAL MULTIDISCIPLINARITY SCIENTIFIC GEOCONFERENCE - SGEM 2013 – Albena, Bulgaria (SCOPUS, Engineering Village);*
7. **Grecea Carmen, Rusu G, Mușat CC, Moscovici AM,** - *Challenges in implementing the systematic land registration in Romania - EUROPEAN CONFERENCE OF GEODESY AND GEOMATICS ENGINEERING GENG'13, Antalya, Turkey 2013 (SCOPUS);*
8. **Grecea Carmen, Vilceanu CB,** - *Geomatics – Possible solution for an efficient management of environmental problems – Research Journal of Agricultural Science, RJAS vol.44 (3), 2012* pag. 199-207, **(BDI, Copernicus)**;
9. **Grecea Carmen, Herban S, Vilceanu CB,** - *Creating 3D models of heritage objects using Photogrammetric Image Processing - ICNAAM 2013: 11TH INTERNATIONAL CONFERENCE ON NUMERICAL ANALYSIS AND APPLIED MATHEMATICS, Rhodes Island Greece, (ISI Proceedings);*
10. **Grecea Carmen, Herban S, Bala AC, Babuca IN,** - *Application of Laser Scan Technology to Landslide Monitoring, Volumetric Calculus and DEM - 13<sup>TH</sup> INTERNATIONAL MULTIDISCIPLINARITY SCIENTIFIC GEOCONFERENCE SGEM 2013 - Geodesy and Mine Surveying, Albena, Bulgaria, (SCOPUS, Engineering Village)*

## b) PhD Thesis

Author	Title	University	Nr. of pages	Year	Obs.
<b>Grecea Carmen</b>	Topographic technologies using Global Positioning System for control cadastral networks	Technical University of Civil Engineering, Bucharest	250	1999	<b>Domain:</b> Geodesy, Fotogrammetry, Cartography and Remote Sensing

## c) Books

## 1. Published books/chapters in books

Nr. Crt.	Author	Title	Publishing House	Nr. of pages	Year	Obs.
1	B. Hofmann Wellenhof, Herbert Lichtenegger, <b>Grecea Carmen</b>	Satellite Geodesy (Geodezie Satelitară (ediție bilingvă EN-RO))	Litografie TU Graz	60	1997	International
2	B.Hofmann Wellenhof, Herbert Lichtenegger, <b>Grecea Carmen</b>	Geodezie satelitară (Satellite Geodesy) ediție bilingvă RO-EN)	Litografie TU Graz	70	1997	International
3	<b>Grecea Carmen</b>	Basics in satellite geodesy	Mirton Timișoara	174	1999	National
4	<b>Grecea Carmen</b>	Geodesy	Mirton Timișoara	202	2005	National
5	<b>Grecea Carmen,</b> C. Mușat, M. Sturza	Complements of terrestrial measurements (Vol 1), Ediția I	Politehnica Timișoara	460	2006	National
6	<b>Grecea Carmen,</b> M. Sturza, C. Mușat	Complements of terrestrial measurements) (Vol 1), Ediția II	Politehnica Timișoara	490	2009	National
7	<b>Grecea Carmen,</b> S. Herban, M. Sturza, V. David, A. Bălă, F. Brebu	Terrestrial measurements – Concepts - Vol.I	Politehnica Timișoara	522	2012	National
8	C. Mușat, Gh. Belea, D. Pinte, <b>Grecea Carmen,</b> B. Vîlceanu, R. Gridan	Terrestrial measurements – Concepts - Vol.II	Politehnica Timișoara	544	2012	National
9	<b>Grecea Carmen,</b> Alina-Corina Bălă	Geodesy – Concepts	Politehnica Timișoara	450	2013	National

## 2. Editor / Co-editor Proceedings

Nr. Crt	Editors	Title	Publishing House	ISBN ISSN	Year	Nr. pag.	Obs.
1	Lucaci Gheorghe, <b>Grecea Carmen</b>	Monography, Civil Engineering Faculty	Orizonturi Universitare	978-973- 638-488-2	2011	540	National
2	Ana Badea, Fernando Reinaldo Ribeiro, <b>Grecea Carmen</b> , Ioel Veres	Recent Advances in Geodesy and Geomatics Engineering	WSEAS Press	ISSN 2227- 4359 ISBN 978-960- 474-335-3	2013	255	International

## 3. E-books

Nr. Crt.	Author	Title	Web	Year	Nr. Pag.	Obs.
1	<b>Grecea Carmen</b>	Algorithms for geodetic networks analysis	<a href="http://www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea">www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea</a>	2009	60	National
2	<b>Grecea Carmen</b>	Adjustment theory	<a href="http://www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea">www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea</a>	2012	75	National
3	C-tin Marcu <b>Carmen Grecea</b>	Physical Geodesy basis	<a href="http://www.geodesy-instruct.ro">www.geodesy-instruct.ro</a>	2011	80	National
4	V.Danciu <b>Carmen Grecea</b>	Adjustment theory and statistics	<a href="http://www.geodesy-instruct.ro">www.geodesy-instruct.ro</a>	2011	75	National
5	<b>Grecea Carmen</b>	Gravimetry I	<a href="http://www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea">www.ct.upt.ro/Departamente/CCTFC/Personal/Carmen_Grecea</a>	2013	72	National

## 4. Tutorials for practical applications

Nr. Crt	Author	Title	Publishing House	ISBN ISSN	Year	Nr. pag.	Obs.
1	<b>Carmen Grecea</b> , Gabriela Arcereanu	<i>Topographic Instruments for Cadastr</i>	UPT	C-111	1999	108	National
2	<b>Carmen Grecea</b> , A. Bălă, S. Herban, C. Mușat, Roberta Gridan	<i>Guide for Geodetic practice</i>	UPT	978-606- 554-701- 8/	2013	170	National

**d) Articles published in journals from main international scientific flux (ISI, BDI)**

<b>Nr. Crt</b>	<b>Author</b>	<b>Title</b>	<b>Conference (volume)</b>	<b>Vol / ISBN</b>	<b>Year</b>	<b>Pag.</b>	<b>Obs.</b>
1	Oprea L, Ienciu I, <b>Grecea Carmen,</b> Popa D	Protection and inclusion of nature reserve areas into the Romanian General Cadastre	Journal of Environmental Protection and Ecology (JEPE)	Vol 12 / ISSN 1311-5065	2011	1935-1940	ISI Journal
2	Ienciu I, Popa M, <b>Grecea Carmen,</b> Oprea L, Varvara S.	Topographic surveys to re-integrate waste-rock into the natural cycle	Journal of Environmental Protection and Ecology (JEPE)	Vol 12 / ISSN 1311-5065	2011	1925-1934	ISI Journal
3	Gridan, MR, Jianu, SF, <b>Carmen Grecea</b>	Implication of Forestry Cadastre in the national strategy of Environmental Protection	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	2283-2290	ISI Journal
4	Herban S, <b>Grecea Carmen,</b> Musat C	Using a Geographic Information System (GIS) to model, manage and develop urban data of Timișoara city	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	1616-1624	ISI Journal
5	<b>Grecea Carmen,</b> Ienciu I, Dimen L, Bălă A, Oprea L.	Impact of surveying engineering on the Environmental Protection problems	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	352-360	ISI Journal
6	Bala, AC; <b>Carmen Grecea;</b> Brebu, FM; David, V	Monitoring mining dumps in relation with Environmental Protection	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	2433-2438	ISI Journal
7	<b>Grecea Carmen,</b> Ienciu I, Dimen L, Bălă A, Oprea L.	Cadastral support for an efficient Town Planning in Timisoara, Romania	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	1099-1107	ISI Journal
8	I.Ienciu, L.Dimen, N.Ludușan, <b>Grecea Carmen,</b>	Dynamics of the rill and gully erosion using GIS technologies	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2012	345-351	ISI Journal
9	<b>Carmen Grecea,</b> Bala AC; Herban S.	Cadastral Requirements for Urban Administration, key	Journal of Environmental Protection and Ecology (JEPE)	Vol 13 / ISSN 1311-5065	2013	363-371	ISI Journal

		component for an efficient Town Planning					
10	<b>Carmen Grecea, A. Moscovici, B. Vilceanu</b>	Comparative overview of Cadastre and Land Information Systems in some countries from Europe – efficient tool to understand and manage urban development	Journal of Environmental Protection and Ecology (JEPE)	Vol 15 / Issue 2 ISSN 1311-5065	2014	678-685	ISI Journal
11	<b>S. Herban, B. Vilceanu, A. Alionescu, Carmen Grecea</b>	Studying the movement of buildings and developing models to determine real settlements	Journal of Environmental Protection and Ecology (JEPE)	Vol 15 / Issue 2 ISSN 1311-5065	2014	789-796	ISI Journal
12	<b>Carmen Grecea, Alina Bala</b>	High Performance Virtual GPS Permanent Stations	REVCAD - Journal of Geodesy and Cadastre	Vol 7/ 1583-2279	2007	25-33	BDI B+, Copernicus
13	<b>Carmen Grecea</b>	Cadastral Systems, New Trends and Experiences	REVCAD - Journal Of Geodesy And Cadastre	Vol 7/ 1583-2279	2007	19-25	BDI B+, Copernicus
14	<b>Carmen Grecea, Alina Bala</b>	Present trends and experiences in Cadastral Engineering context	Research Journal of Agricultural Sciences (RJAS)	Vol 40(2) / 2066-1843	2008	297-304	BDI Copernicus
15	Herban Sorin, <b>Grecea Carmen</b>	Studies and research in developing models for movements and deformations in constructions	Acta Technica Napocensis	Vol IV ISSN 1221-5848	2008	165-173	BDI B+
16	<b>Carmen Grecea, Alina Corina Bălă, Eugen Oros</b>	Studies and Geodetic Solutions for future evaluations and monitoring crustal movements in Banat County	REVCAD - Journal of Geodesy and Cadastre	Vol 8/ 1583-2279	2008	47-55	BDI B+, Copernicus
17	<b>Carmen Grecea, Alina Corina Bălă, Huba Marton</b>	Geospatial Information- Modern tool for an efficient administration of cemeteries in Timișoara	REVCAD - Journal of Geodesy and Cadastre	Vol 9/ 1583-2279	2009	141-149	BDI B+, Copernicus

18	Herban Sorin, <b>Grecea Carmen,</b> Muşat Cosmin Constantin	The importance of Topographical Works for Buildings Rehabilitation and Maintenance in the Urban Planning	Research Journal of Agricultural Sciences (RJAS)	42(3) 1 - 908 (2010)	2010	587-595	BDI Copernicus, CABI
19	Alina Corina Bălă, Floarea Maria Brebu, <b>Carmen Grecea</b>	Impact of geodetic studies and measurements on the preservation and rehabilitation of forestry heritage	Research of Agricultural Sciences (RJAS)	Vol 42(3) 1 - 908 (2010)	2010	397-405	BDI Copernicus, CABI
20	<b>Carmen Grecea,</b> Alina Corina Bălă, Claudiu Ioan Bota	Spatial Planning - Modern Tool of Urban Management and Control	REVCAD - Journal of Geodesy and Cadastre	Vol 10/ 1583-2279	2010	91-99	BDI B+, Copernicus
21	<b>Carmen Grecea,</b> Alina Corina Bălă	Spatial Planning - Modern Tool of Urban Management and Control	REVCAD - Journal of Geodesy and Cadastre	Vol 10/ 1583-2279	2010	91-99	BDI B+, Copernicus
22	Herban Sorin, Muşat Cosmin Constantin, <b>Carmen Grecea</b>	Romanian Road Network and GIS, a necessity to engendering sustainable development	Research of Agricultural Sciences (RJAS)	Vol 43(3) 1 - 529 (2011)	2011	362-367	BDI Copernicus, CABI
23	<b>Grecea Carmen,</b> Herban S., Muşat C.	Possible evaluation and monitoring of agricultural potential on border areas	Research of Agricultural Sciences (RJAS)	Vol 43(3) 1 - 529 (2011)	2011	351-357	BDI Copernicus, CABI
24	Roberta Maria Gridan, Alina Corina Bălă, <b>Carmen Grecea</b>	DAM Monitoring - a modern method in environmental engineering	Research of Agricultural Sciences (RJAS)	Vol 43(3) 1 - 529 (2011)	2011	358-361	BDI Copernicus, CABI
25	<b>Carmen Grecea,</b> M.R. Gridan	Geospatial Technology for 3D City and Urban Modelling	REVCAD - Journal of Geodesy and Cadastre	Vol 11/ 1583-2279	2011	69-75	BDI B+, Copernicus, CABI
26	<b>Carmen Grecea,</b> M. R. Gridan	Monitoring Special Constructions Behaviour using Topographical Modern methods	Buletinul Ştiinţific al UPT- Seria Hidrotehnică	Vol 57 (71) / 1224-6042	2012	51-56	BDI B+
27	R.Gridan, <b>Carmen Grecea</b>	SURFER Solution, tool for terrain modelling	Journal of Geodesy And Cadastre	Vol 12/ 1583-2279	2012	85-90	BDI B+, Copernicus
28	<b>Carmen Grecea,</b> B. Vilceanu	Geomatics – possible solution for an efficient	Research of Agricultural Sciences Journal	Vol 43(3) 1 - 529	2012	199-207	BDI Copernicus, CABI

		management of environmental problems	(RJAS)	(2012)			
29	<b>Carmen Grecea</b> , Clara – B.Vilceanu	Possibilities of monitoring the areas affected by natural calamities using Intergraph technology	Research of Agricultural Sciences Journal (RJAS)	Vol 43(3) 1 - 529 (2012)	2012	199-207	BDI Copernicus, CABI
30	M.R.Gridan , <b>Carmen Grecea</b>	Monitoring Petrimanu Dam horizontal displacements using topographical methods	Revista Română de Inginerie Civilă, București	Vol 4(2) / 2068-3987	2013	162-169	BDI B+

e) Articles published in international conferences

Nr. Crt	Author	Title	Conference (volume), etc.	Vol / ISBN	Year	Pag.	Obs.
1	<b>Grecea Carmen</b> , Buhai M.	Present and future drafts of GIS planning for Cadastre in Romania	International Conference "ELIS 96" Varşovia, Polonia (Proceedings)	<b>ISBN 83-86980-15-X</b>	1996	10	GIS Conference
2	Buhai M., <b>Grecea Carmen</b>	Traditional and modern aspects of Romanian Cadastre	International Conference "ELIS" 97 Bratislava, Slovacia 1997 (Proceedings)	<b>ISBN 83-86980-15-X</b>	1997	6	GIS Conference
3	<b>Grecea Carmen</b>	Using spatial GPS measurements for modernizing the control geodetic network in the western side of Romania	International Conference "220 years of Geodetic Education in Russia" Moscova, 24-29 mai 1999	<b>ISBN 91 86988-16</b>	1999	14	GIS Conference
4	<b>Grecea Carmen</b>	Present experiences in Romanian Cadastral Engineering	International Conference <b>GIS OPEN</b> , Szekesfehervar, Ungaria, 2008	www.geo.info.hu/gisopen/gisopen 2008	2008	6	GIS Conference
5	<b>Grecea Carmen</b>	Modern Concepts of Urban Cadastre	SSE '09: Proceedings of The 11 <sup>th</sup>	ISSN 978-960-474-080-2	2009	114-120	ISI Proceedings

			WSEAS International Conference on Sustainability in Science Eng.				
6	<b>Grecea Carmen</b>	Geodetic engineering - important tool for Romanian seismicity study	Proceedings of The 11 <sup>th</sup> WSEAS International Conference on Sustainability in Science Eng.	ISSN 978-960- 474-080-2	2009	102- 108	ISI Proceedings
7	<b>Grecea Carmen</b>	Geodetic Education at the „Politehnica” University of Timisoara	Proceeding FIG Commission 2 Conference, Vienna, Austria <i>Österreichische zeitschrift für Vermesung &amp; Geoinformation</i>	ISSN 0029- 9650	2009	25-33	FIG Conference
8	<b>Grecea Carmen</b>	Geoinformation support - impact on urban planning, environment and society	Latest Trends on Urban Planning and Transportation (WSEAS)	ISSN 978-960- 474-204-2	2010	136- 141	ISI Proceedings
9	Beatrice Vilceanu, Sorin Herban, <b>Carmen Grecea</b>	Creating 3D Models of Heritage objects using photogrammetric Image Processing	ICNAAM, 11 <sup>th</sup> International Conference on Numerical Analysis and Applied Mathematics, Grecia	ISSN: 0094- 243X	2013	1598- 1602	ISI Proceedings
10	Herban Sorin, <b>Grecea Carmen,</b> Bărlă Gigi Aureliu	Using Laser Scanning for Research and Conservation of Cultural Heritage Sites	BENA Conference - Journal of Environmental Protection And Ecology (JEPE)	ISBN 978-606- 554-210-5	2011	8	B+, Copernicus (indexing ISI)
11	<b>Grecea Carmen,</b> Gridan Maria Roberta, Bălă Alina Corina	Model of Ecological and Economic Spatial Analysis of Multifunctional Resources Exploitation	BENA Conference - Journal of Environmental Protection And Ecology (JEPE)	ISBN 978-606- 554-210-5	2011	10	B+, Copernicus (indexing ISI)
12	Gridan M, <b>Grecea Carmen</b>	Medieval Ruins'Garden - 3D Modelling using Terrestrial Laser	BENA Conference - Journal Of Environmental Protection And	ISBN 978-606- 554-210-5	2011	6	B+, Copernicus (indexing ISI)



		Scanning Technology	Ecology (JEPE)				
13	<b>Grecea Carmen,</b> Herban S, Muşat C, Bălă AC, David V, Gridan M.	New technologies used for conservation of cultural heritages sites	International Conference <b>GIS OPEN,</b> Szekesfehervar, Hungary, 2011	www.geo.info.hu/gisopen/gisopen 2011	2011	6	GIS Conference
14	<b>Grecea Carmen,</b> Herban IS, Muşat CC, Bălă AC, David V, Jianu SF, Gridan M	Geospatial Information - modern tool for efficient inventorying the game on a hunting territory	GIS Open 2011 Conference - Szekesfehervar, Hungary	www.geo.info.hu/gisopen/gisopen 2011	2011	8	GIS Conference
15	Sorin Herban, <b>Grecea Carmen,</b> Dimen Levente	Managing Spatial Data regarding the Romanian Road Network using GIS technology	12 <sup>th</sup> Geoconferences SGEM 2012	Vol II ISSN 1314-2704 <b>DOI:</b> 10.5593 Sgem 2012	2012	1095-1103	Scopus, Engineering Village, (ISI - 2015)
16	<b>Carmen Grecea,</b> Cosmin Muşat, Beatrice Vîlceanu	GIS - An Efficient Support for Urban Planning-Framework of Timisoara, Romania	12 <sup>th</sup> Geoconferences SGEM 2012	Vol II ISSN 1314-2704 <b>DOI:</b> 10.5593/Sgem 2012	2012	1057-1064	Scopus, Engineering Village, (ISI - 2015)
17	Maria-Roberta Gridan, <b>Carmen Grecea</b>	3D Modeling using laser scanning technology	12 <sup>th</sup> Geoconferences SGEM 2012	Vol II ISSN 1314-2704 <b>DOI:</b> 10.5593/sgem 2012	2012	671-677	Scopus, Engineering Village, (ISI - 2015)
18	Vilceanu CB., <b>GRECEA Carmen</b> Herban S.	Engineering Surveying Used for Monitoring the behaviour of Hydro-Technical construction	INDIS 2012 Internationas Scinetific Conference INDIS 2012 Novi Sad,Serbia	<b>ISBN 978-86-7892-451-4</b>	2012	584 - 593	INDIS Conference
19	Beatrice Vîlceanu, <b>Carmen Grecea</b>	Using Geographic Information system analysis in the	13 <sup>th</sup> International Multidisciplinari ty Scientific	Vol I ISBN 978-954-	2013	1049-1057	Scopus, Engineering Village, indexing ISI

		management of flood risk areas	Geoconference - SGEM 2013	91818-9-0 <b>DOI:</b> 10.5593/s gem			
20	<b>Carmen Grecea,</b> Cosmin Constantin Muşat, AM Moscovici	Noise Management and Noise Monitoring with Geographical Information Systems	13 <sup>th</sup> International Multidisciplinarity Scientific Geoconference - SGEM 2013	Vol I ISBN 978-954-91818-9-0 <b>DOI:</b> 10.5593/s gem	2013	797-805	Scopus, Engineering Village, (indexing ISI)
21	<b>Carmen Grecea,</b> Ioan Sorin Herban	Real Time Positioning - Solution for automation Process and monitoring land management	13 <sup>th</sup> International Multidisciplinarity Scientific Geoconference - SGEM 2013	Vol II ISBN 978-619-7105-01-8 <b>DOI:</b> 10.5593/s gem 2013	2013	373-381	Scopus, Engineering Village, (indexing ISI)
22	Maria-Roberta Gridan, <b>Carmen Grecea</b>	Geodetic Engineering - support for monitoring special constructions behaviour	13 <sup>th</sup> International Multidisciplinarity Scientific Geoconference - SGEM 2013	Vol II ISBN 978-619-7105-01-8 <b>DOI:</b> 10.5593/s gem 2013	2013	213-221	Scopus, Engineering Village, (indexing ISI)
23	Ioan Sorin Herban, <b>Carmen Grecea,</b> Alina Bălă, Nicolae Băbucă	Application of LASER SCAN Technology to landslide monitoring, volumetric calculus and DEM	13 <sup>th</sup> International Multidisciplinarity Scientific Geoconference - SGEM 2013	Vol II ISBN 978-619-7105-01-8 <b>DOI:</b> 10.5593/s gem 2013	2013	49-57	Scopus, Engineering Village, (indexing ISI)
24	<b>Carmen Grecea,</b> Georgiana Rusu, Cosmin Muşat, Anca Moscovici	Challenges in Implementing the Systematic Land Registration in Romania	1 <sup>st</sup> European Conference Of Geodesy And Geomatics Engineering, GENG' 13	ISBN 978-960-474-335-3	2013	98-106	Scopus, (indexing ISI)
25	Ioan Sorin Herban, Adrian Alionescu, <b>Carmen Grecea,</b> Beatrice Vîlceanu	Using Accurate Geodetic Technologies for the rehabilitation of a railroad section in Romania, part of Pan-European Corridor IV	1 <sup>st</sup> European Conference Of Geodesy And Geomatics Engineering, GENG' 13	ISBN 978-960-474-335-3	2013	212-218	Scopus, (indexing ISI)
26	<b>Carmen Grecea,</b> Anca-Maria Moscovici	Phonic pollution and strategic acoustic mapping with GIS	ICEEM'07, 2013, Austria	ISBN 978-973-621	2013	8 55-56 Book of Abs.	BDI Copernicus

27	<b>Grecea Carmen,</b> Herban IS,	E-Terra – the implementation stages of the new cadastral system in Romania	International Conference <b>GIS OPEN,</b> Szekesfehervar, Hungary, 2013	www.geo.info.hu/gi sopen/gis open 2013	2013	6	GIS Conference
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#### f) Articles published in national journals

Nr. crt.	Author	Title	Publication	Year	Pag.
1	<b>Grecea Carmen</b>	3D systems in Satellite Geodesy	Scientific Bulletin UTT-1993	1993	10-15
2	<b>Grecea Carmen</b>	Spatial constellations and their use in geodetic measurements	Scientific Bulletin UTT-1993	1993	29-36
3	<b>Grecea Carmen,</b> Buhai M.	Threedimensional nets using spatial informations	Scientific Bulletin UPT, Timișoara, Tom 41(55), fasc.1	1996	105-110
4	<b>Grecea Carmen</b>	Satellite Navigation Systems	Scientific Bulletin UPT, Timișoara, Tom 41(55), fasc.1	1996	99-105
5	<b>Grecea Carmen,</b> Buhai M.	GIS Planning for Cadastre in Romania	Scientific Bulletin UPT, Timișoara, Tom 42(56), fasc.1	1997 ISSN 1224-6026	81-87
6	<b>Grecea Carmen</b>	The Cadastre as basis for local Land Information System	Scientific Bulletin UPT, Timișoara, Tom 42(56), fasc.2	1997 ISSN 1224-6018	109-115
7	<b>Grecea Carmen,</b> Domboș S.	Integration of GPS measurements of Timisoara district in the national network	Scientific Bulletin UPT Timișoara, 1998	1998	16-25
8	<b>Grecea Carmen</b>	Geo-Positioning Resource Management	Scientific Bulletin UPT Timișoara, Tom 44(58), fasc. 1-2	1999	152-158
9	<b>Grecea Carmen</b>	Information Cadastral System requirements for Urban Administration	Scientific Bulletin UPT Timișoara, Tom 44(58), fasc. 1-2	1999	138-144
10	<b>Grecea Carmen</b>	Modern aspects concerning the cadastral data processing in Romania	Scientific Bulletin Iași, Simposium: "Hidrotehnica XXI", tom.XLVII (LI), Fasc.1-4, 2001 <b>ISSN 1224-3892</b>	2001	109-115
11	<b>Grecea Carmen,</b> C.Mușat	Foresight for cadastral works using Gantt method	<b>Journal of Cadastre</b> RevCAD nr.3-2003, <b>ISSN 1583-2279</b>	2003	95-105
12	<b>Grecea C.,</b> A. Bălă, Stud.A.Baciu	Influence of multipath error on satellite positioning	<b>Journal of Cadastre</b> RevCAD nr.4-2004, <b>ISSN 1583-2279</b>	2004	57-65

13	<b>Grecea Carmen</b>	Surveying for construction use	<b>Journal:</b> ”Construct Design”, Timișoara, sept. 2004	2004	4
14	<b>Grecea Carmen</b>	Model of ecological and economic spatial analysis of multifunctional resources exploitation on urban and regional area	Scientific Bulletin UPT, HIDROTECHNICS, Tom 49(63), Fasc. 1, 2005 <b>ISSN 1224-6042</b>	2005	290-296
15	<b>Grecea Carmen, C. Mușat</b>	Considerations regarding the organization of cadastral works	<b>Journal</b> of Geodesy, Cartography and Cadastre, Bucharest 2005, <b>ISSN 1454-1408</b>	2005	307-319
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19	<b>Grecea Carmen</b>	Road Information Management System	Scientific Bulletin UPT, Tom 53(67), Timișoara, ISSN 1224-6026	2006	101-106
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1	<b>Grecea Carmen</b>	Technologies for deformation measurements in construction	Conference : ” Hydro-technical systems with environmental impact ”, UPT	1991	8
2	<b>Grecea Carmen</b>	Eliminate great errors in geodetic networks	Conference : ” Hydro-technical systems with environmental impact”, UPT	1991	6
3	Guțescu D., <b>Grecea Carmen</b>	Remote Sensing - solution for environment and resources	Symposium ” Environmental protection, land use and unconventional energy in agriculture”	1992	8
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5	Neamțu M., <b>Grecea Carmen</b>	New technologies for designing control networks	Symposium ” 45 years of higher education in hydraulic engineering”, Iași	1993	6
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7	<b>Grecea Carmen,</b> Ritt C.	New aspects of application the Global Positioning System in geodetic networks	National Symposium for Geography and Geoinformation, Timișoara , UVT	1995	10
8	Neamțu M., <b>Grecea C.,</b> Ciobanu F.	Results conversion from GPS data	International Symposium : ”The use of GPS technology”, Bucharest	1995	89-97

9	<b>Grecea Carmen</b>	GPS - from theory to practice	Scientific seminar TU Timișoara - TU Graz, Timișoara UPT '95	1995	4
10	<b>Grecea Carmen</b>	Geodetic systems in present market economy	Scientific seminar TU Timișoara - TU Munchen, UPT '96	1996	4
11	<b>Grecea Carmen</b>	Improving surveying networks by using GPS technology	Scientific seminar, Oradea <b>ISSN 1453-9497</b>	1997	10
12	Neamțu M., <b>Grecea Carmen</b>	Technical aspects for surveying applications in Civil Engineering	Scientific seminar, Oradea <b>ISSN 1453-9497</b>	1997	12
13	<b>Grecea Carmen,</b> Domboș S.	GPS evaluation in Timis County	International Symposium Geodesy Faculty Bucharesti, 1998	1998	12
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15	C.Ritt, <b>Grecea Carmen</b>	Advantages of geometric levelling	Scientific seminar, Iași – 25-26 oct. 2000, (volume)	2000	6
16	<b>Grecea Carmen</b>	Global Positioning in Geodetic Engineering	Scientific seminar USAMVB, Timișoara <b>ISBN-1221-5279</b>	2000	75-85
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18	<b>Grecea Carmen,</b> S. Domboș	Connecting threedimension networks to the official national system	International Symposium , Alba Iulia <b>ISSN 1582-5574</b>	2001	17-25
19	S. Domboș, <b>Grecea Carmen</b>	Use of Kalman filter in satellite geodesy	International Symposium , Alba Iulia <b>ISSN 1582-5574</b>	2001	61-66
20	<b>Grecea Carmen</b>	Present and future geodesy	ZAT, Timișoara, <b>ISBN 973-8247-29-2</b>	2001	154-160
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23	<b>Grecea Carmen</b>	Tendencies in modern Geodetic Engineering	International Conference: "Moderne Ingenieurvermessung und geodatische Trends aus Sicht der TUM", UPT- TU München	2001	6

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25	<b>Grecea Carmen</b>	Considerations on designing a control network for a GPS permanent station	Scientific international symposium GeoCAD'05, University of Alba Iulia, 5-6 may 2005 <b>Journal: RevCAD nr.5- 2005, ISSN 1583-2279</b>	2005	19-24
26	<b>Grecea Carmen,</b> C. Muşat	Present aspects of real estate cadastre	ZAT, Timișoara, 26-27 may 2005, UPT <b>ISBN 973-661-652-5</b>	2005	539-544
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