

**LIST OF PAPERS / LISTA DE LUCRĂRI**

Candidate: **Caius DIDULESCU**, PhD from **2003**, Assoc Profesor from **2013**

Candidat: **Caius DIDULESCU**, Doctor din anul **2003**, Conferențiar din anul **2013**

**A. Papers considered by the candidate to be most relevant (10 papers) / Lucrări considerate de candidat a fi cele mai relevante (10 lucrări)**

1. **Caius Didulescu**, „Some aspects of spatial data acquisition using total stations”, Journal of Geodesy, Cartography and Cadastre, nr. 6, Bucharest, 2017
2. **Didulescu Caius**, Savu Adrian, Badea Ana Cornelia, Badea Gheorghe, Bădescu Gabriel – „Modeling and Visualization Objects from Point Cloud Data Surveyed With Terrestrial Laser Scanner” Recent Researches In Manufacturing Engineering, Proceedings of the 3rd WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '11), Braşov, Romania, WSEAS Press, ISBN: 978-960-474-294-3, pag. 193-198.
3. **Didulescu Caius**, Savu Adrian, Badea Ana Cornelia, Badea Gheorghe – „Using 3D terrestrial laser scanning technology to obtain 3D deliverables” Advanced Science Letters, American Scientific Publishers, Vol. 19, Number 1 pag 70-74, Adv. Sci. Lett. 19, 70-74 (2013), ISSN: 1936-6612 (Print): EISSN: 1936-7317 (Online) <http://www.aspbs.com/science.htm>
4. **Caius Didulescu** - „A Study Concerning the Possibility of Apply Different Queries on Textual Cadastral Database”, RevCAD nr. 10, Alba Iulia, 57-64, 2010
5. **Didulescu, C.**; Savu, A; Cosarcă, C.; Saracin, A.; Negrilă, A.F.C.; – „Querying the Component Data of a Graphical Cadastral Database Using Visual LISP Program”, RevCAD Journal of Geodesy and Cadaster, nr. 16, pag 48-55, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2014
6. **Didulescu, C.**; Savu, A. – „Aspects of volume calculation”, Journal of Applied Engineering Sciences, Volume 1 (16). Issue 1, University of Oradea Publishing House, pag. 31-34, ISSN 2247-3769, 2013
7. **Didulescu Caius**, Savu Adrian – „Study on the use of dem to the achievement of risk and hazard maps”, Revista Geographia Napocensis, Anul V, nr. 1 din 2011, Academia Română, Filiala Cluj-Napoca, <http://geographianapocensis.acad-cluj.ro/>

8. **Didulescu, C.**; Savu, A.; Cosarca, C.; Negrilă, A.F.C. - **Modelling a Hydrographic Basin using Geospatial Data**, RevCAD Journal of Geodesy and Cadastre, nr. 15, pag 75-84, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2013
9. **Didulescu, C.** – **Some aspects of making landslide hazard map in Romania**, Recent Advanced in Geodesy and Geomatics Engineering, Conference Proceedings of the 1st European Conference of Geodesy & Geomatics Engineering (GENG '13), Published by WSEAS Press, ISSN 2227-4359, ISBN 978-960-474-335-3, 2013
10. **C. Didulescu, A. Savu, C. Cosarca, P. Dumitru, A. Calin** - **Information System Regarding the Environment Changes in the Case of Landslides**, 16th International Multidisciplinary Scientific GeoConference SGEM 2016, vol. I, pag. 713-720 , ISSN 1314-2704, ISBN:978-619-7105-58-2, Accession Number: WOS:000395499400089

#### B. Teza de doctorat / *PhD Thesis*

| Autor<br>(Author)      | Titlul lucrării<br>(Title)                                                                                                                    | Universitatea<br>(University)                                                                                      | An<br>(Year) | Obs.                                                                   |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------|------------------------------------------------------------------------|
| <b>Didulescu Caius</b> | Unele contribuții la realizarea planurilor numerice cadastrale<br><br><i>(Some Contributions in Achievement of Numerical Cadastral Plans)</i> | Universitatea Tehnică de Construcții București<br><br><i>(Technical University of Civil Engineering Bucharest)</i> | 2003         | <b>Domeniul:</b><br>Inginerie Civilă<br><br><i>(Civil Engineering)</i> |

#### C. Cărți și capitole din cărți / *Books and book chapters*

**Cb1. „Sisteme informatice de evidență cadastrală”** – carte universitară pentru cursurile postuniversitare de perfecționare – apărută la Editura Conspress, București în anul 2004, Volumul II – autori Didulescu Caius și Constantin Săvulescu (modulul C, disciplina “Baze de date” – autor Didulescu Caius), ISBN 973-7797-05-1

**Cb2. „Infografică pentru măsurători terestre și cadastru – note de curs și lucrări practice”**, Editura Conspress, 2009, București, ISBN 978-973-100-091-6 - autor Didulescu Caius

**Cb3. „Caiet de practică topografică”**, Editura Conspress, 2011, București, ISBN 978-973-100-170-8, autori: Didulescu Caius, Ana Cornelia Badea, Adrian Savu, Andreea Florentina Jocea, Dragoș Badea

**Cb4. „Îndrumător de practică”**, Editura CONSPRESS, București, 2014, ISBN 978-973-100-338-2, autori: Didulescu, C.; Badea, A.C.; Savu, A.; Negrila, A.F.C.; Jocea, A.F

**Cb5. „Planificare spatia la si GIS pentru dezvoltare durabila - Sinteze”,**  
Editura Matrix Rom, Bucuresti, 2017, DIDULESCU CAIUS, et.al. cap. 11, ISBN: 978-606-25-0378-9, ISBN-VOL. 1:978-606-25-0379-6

**Cb6. „Planificare spatia la si GIS pentru dezvoltare durabila - Aplicații”,**  
Editura Matrix Rom, Bucuresti, 2017, DIDULESCU CAIUS, et.al , cap. 11, ISBN: 978-606-25-0378-9, ISBN VOL. 2:978-606-25-0380-2

**D. Articole / studii in extenso, publicate în reviste din fluxul științific internațional principal (ISI, BDI) / Articles published in journals from main international scientific flux**

| Nr. crt. | Articole in reviste cotate ISI Thomson Reuters și în volume indexate ISI proceedings                                                                                                                                                                                                                                                                                                                                                                                            |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1        | Savu, A.; <u>Didulescu, C.</u> ; Badea A.C.; Badea G. – <b>“Laser Scanning Airborne Systems – a New Step in Engineering Surveying.”</b> , SUSTAINABILITY IN SCIENCE ENGINEERING, Proceedings of the 11th WEAS International Conference on Sustainability in Science Engineering (SSE '09), Published by WSEAS Press, Volume 1, pag 224-229, Timișoara, Romania, 2009, ISSN 1790-2769, ISBN: 978-960-474-080-2, Accession Number: WOS:000269057100037                            |
| 2        | Ovidiu Ștefan, Gabriel Bădescu, Rodica Bădescu, Gheorghe Badea, Ana-Cornelia Badea, <u>Caius Didulescu</u> – <b>„GIS Applications on the Field of the Maramures Subterranean Mining Exploitations”</b> , RECENT ADVANCES IN REMOTE SENSING, Proceedings of the 5th WEAS International Conference on Remote Sensing (Remote '09), Genova, Italia, WSEAS Press, ISSN: 1790-2769, ISBN: 978-960-474-129-8, pag. 27-32                                                              |
| 3        | Gabriel Bădescu, Ovidiu Ștefan, Rodica Bădescu, Gheorghe Badea, Ana-Cornelia Badea, <u>Caius Didulescu</u> – <b>„Air-borne Photogrammetric Systems Used in Topographic and Cadastral Works in Romania”</b> , RECENT ADVANCES IN REMOTE SENSING, Proceedings of the 5th WEAS International Conference on Remote Sensing (Remote '09), Genova, Italia, WSEAS Press, ISSN: 1790-2769, ISBN: 978-960-474-129-8, Included in ISI/SCI Web of Science and Web of Knowledge, pag. 22-26 |
| 4        | Badescu Gabriel, Badescu Rodica, Stefan Ovidiu, <u>Didulescu Caius</u> , Veres Ioel Samuel, Paunescu Cornel- <b>„Studies and research on the use of Virtual Reference Station (VRS) and Precise Point Positioning (PPP) GPS in Romania”</b> MECHANICAL, INDUSTRIAL, AND MANUFACTURING ENGINEERING Book Series: Lecture Notes in Information Technology, Melbourne, Australia, pag.: 414-417, 2011                                                                               |

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| 5  | Badescu Rodica, Badescu Gabriel, Stefan Ovidiu, <u>Didulescu Caius</u> , Badea Gheorghe, Badea Ana Cornelia „ <b>Positioning System GPS and RTK VRS type, using the Internet as a base, a network of multiple stations</b> ” MECHANICAL, INDUSTRIAL, AND MANUFACTURING ENGINEERING Book Series: Lecture Notes in Information Technology, Melbourne, Australia, pag. 548-551, 2011 |
| 6  | C.Cosarca, A. Savu, A. Saracin, <u>C. Didulescu</u> , P. Dumitru - <b>The Importance of Geodetic Measurements Techniques in the Execution and Modernization of Tunnels</b> , Multidisciplinary Scientific GeoConference SGEM 2016, vol. II, pag. 625-632, ISSN 1314-2704, ISBN:978-619-7105-59-9, Accession Number: WOS:000395499500081                                           |
| 7  | A.Savu, <u>C.Didulescu</u> , A.Saracin, P.Dumitru, A.F.Negrila - <b>Points of Reference Concerning Adaptation of Materials, Teaching and Learning Tools in Geodetic Engineering</b> , Multidisciplinary Scientific GeoConference SGEM 2016, vol. III, pag. 939-946 , ISSN 1314-2704, ISBN:978-619-7105-67-4, Accession Number: WOS:000391520200120                                |
| 8  | A.Saracin, A.Negrila, C. Cosarca, <u>C.Didulescu</u> , A. Savu - <b>Investigations on the Use Terrestrial Radar Interferometry for Bridges Monitoring</b> , Multidisciplinary Scientific GeoConference SGEM 2016, vol. II, pag. 375-382, ISSN 1314-2704, ISBN:978-619-7105-59-9, Accession Number: WOS:000395499500048                                                            |
| 9  | Dumitru Onose, Gheorghe Badea, Ana-Cornelia Badea, <u>Caius Didulescu</u> , Adrian Savu, Tudorel Clinci - <b>Integrating Sustainability Thinking and Environmental Issues in Engineering Master Curriculum</b> , Environmental Engineering and Management Journal, Vol. 15, Nr. 6, pag. 1305-1310, 2016, ISSN 1582-9596, Accession Number: WOS:000383100900013                    |
| 10 | <u>C.Didulescu</u> , A. Savu, C. Cosarca, P. Dumitru, A. Calin - <b>Information System Regarding the Environment Changes in the Case of Landslides</b> , 16th International Multidisciplinary Scientific GeoConference SGEM 2016, vol. I, pag. 713-720 , ISSN 1314-2704, ISBN:978-619-7105-58-2, Accession Number: WOS:000395499400089                                            |
| 11 | L.A. Calin, P. D. Dumitru, <u>C. Didulescu</u> , A. Savu, A. Negrila - <b>Geographic Information System for Sustainable Development in Rural Areas</b> , 16th International Multidisciplinary Scientific GeoConference SGEM 2016, vol. III, pag. 247-254 , ISSN 1314-2704, ISBN:978-619-7105-60-5, Accession Number: WOS:000395499600032                                          |

| Nr. crt. | Articole în reviste și volumele unor manifestări științifice indexate în alte BDI                                                                                                                                                                                                                                    | Indexare                               |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 1        | Caius Didulescu “Programs for Automatic Calculation of Volumes in Land Surveys”, Annals of University of Oradea”, „Constructions and Hydro-Utility Installations Fascicle”, Volume XII, ISSN: 1454-4067, University of Oradea Publishing House, pag. 365-376, 2009,                                                  | COPERNICUS                             |
| 2        | Andreea-Florina Jocea, Caius Didulescu „Theoretical and Applied Aspects on 3D Measurements Using Terrestrial Laser Scanning”, Annals of University of Oradea”, „Constructions and Hydro-Utility Installations Fascicle”, Volume XII, ISSN: 1454-4067, University of Oradea Publishing House, pag. 465-472, 2009      | COPERNICUS                             |
| 3        | Caius Didulescu, Andreea-Florina Jocea „Data Components Handling of a Graphical Cadastral Database Using the Visual Lisp Program, Annals of University of Oradea”, „Constructions and Hydro-Utility Installations Fascicle”, Volume XII, ISSN: 1454-4067, University of Oradea Publishing House, pag. 577-578, 2009. | COPERNICUS                             |
| 4        | Caius Didulescu „Interactive Vectorization – a Useful Tool in Creating Digital Maps”, Annals of University of Oradea”, „Constructions and Hydro-Utility Installations Fascicle”, Volume XIII, ISSN: 1454-4067, University of Oradea Publishing House, pag.151-158, 2010.                                             | COPERNICUS                             |
| 5        | Caius Didulescu „Automation of Cadastral Works Using Visual LISP Routines”, Annals of University of Oradea”, „Constructions and Hydro-Utility Installations Fascicle”, Volume XIII-2, ISSN: 1454-4067, University of Oradea Publishing House, pag.93-98, 2010.                                                       | COPERNICUS                             |
| 6        | Coșarcă Constantin, Johan Neuner, Caius Didulescu: „Utilizarea tehnicilor moderne de măsurare la inventarierea siturilor istorice”, RevCAD nr. 5, Alba Iulia, ISSN 1583 – 2279, pag. 261-270, 2005.                                                                                                                  | COPERNICUS, ULRICHs WEB, DRJI, SCIPIO, |
| 7        | Didulescu Caius, Brișan Marcel Costel: „Culegerea datelor din teren cu ajutorul stației totale folosind un sistem de coduri caracteristice ca alternativă la programele de reprezentare grafică”, RevCAD nr. 5, Alba Iulia, ISSN 1583 – 2279, pag. 261-270, 2005.                                                    | COPERNICUS, ULRICHs WEB, DRJI, SCIPIO, |
| 8        | Brișan Marcel Costel, Didulescu Caius: „ Utilizarea captorilor electronici în măsurători topo-geodezice industriale”, RevCAD nr. 5, Alba Iulia, ISSN 1583 – 2279, pag. 193-202, 2005                                                                                                                                 | COPERNICUS, ULRICHs WEB, DRJI, SCIPIO, |
| 9        | G. Bădescu, M. Palamariu, C. Didulescu – “Studiu comparativ privind măsurătorile utilizând tehnologia GPS și a stațiilor totale în extravilanul comunei Valul lui Traian județul Constanța” RevCAD nr. 7, Alba Iulia, pag. 57-64, 2007.                                                                              | COPERNICUS, ULRICHs WEB, DRJI, SCIPIO, |

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| 10 | C. Didulescu – “Tehnici de optimizare a interogărilor asupra unei baze de date textuale cadastrale folosind limbajul SQL”, RevCAD nr. 7, Alba Iulia, pag. 93-96, 2007.                                                                                                                                                                                                              | COPERNICUS,<br>ULRICHS<br>WEB, DRJI,<br>SCIPIO,             |
| 11 | C. Didulescu - QUERYING GRAPHICAL CADASTRAL DATABASES USING VISUAL LISP, Scientific bulletin series D: mining, mineral processing, non-ferrous metallurgy, geology and environmental engineering, Vol. 24, nr. 1, North University of Baia Mare: Department of Mineral Resources and Environment, 2010                                                                              | COPERNICUS,<br>ULRICHS<br>WEB, DRJI,<br>SCIPIO,             |
| 12 | Caius Didulescu “A Study Concerning the Possibility of Apply Different Queries on Textual Cadastral Database” RevCAD nr. 10, Alba Iulia, pag. 57-64, 2010                                                                                                                                                                                                                           | COPERNICUS,<br>ULRICHS<br>WEB, DRJI,<br>SCIPIO,             |
| 13 | Caius Didulescu “The 3D Urban Model, a New Tool in Support of Urban Planning” RevCAD nr. 10, Alba Iulia, pag. 65-70, 2010.                                                                                                                                                                                                                                                          | COPERNICUS,<br>ULRICHS<br>WEB, DRJI,<br>SCIPIO,             |
| 14 | Didulescu, C.; Savu, A. – Some aspects regarding the implementation of the integrated system on cadastre and real estate publicity e-Terra, RevCAD nr. 12, pag. 53-58, Editura Aeternitas Alba Iulia, ISSN 2068-5203, 2012                                                                                                                                                          | COPERNICUS                                                  |
| 15 | Dragomir, P.I.; Onose, D.; Saracin, A.; Badea, G.; Didulescu, C.; Badea, A.C.; Savu, A.; Negrilă, A.F.C; Clinci, T. – Modernization of study programs – goal of Romanian geodetic education, RevCAD nr. 13, pag. 48-56, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2012                                                                                                 | COPERNICUS                                                  |
| 16 | Didulescu, C.; Savu, A. – “Study on the use of dem to the achievement of risk and hazard maps”, Revista Geographia Napocensis, Anul V, nr. 1, pag 111–124, Editura Academia Romana - Filiala Cluj Colectivul de Geografie, ISSN 1843-5920, 2011                                                                                                                                     | COPERNICUS,<br>ULRICHS<br>WEB, DOAJ,<br>SCIPIO,<br>WORLDCAT |
| 17 | Savu A.; Didulescu C.; Badea A.C.; Badea G.; Bădescu G. – „Measurements in dynamic system of railway tunnels” RECENT RESEARCHES IN MANUFACTURING ENGINEERING Proceedings of the 3rd WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '11), Published by WSEAS Press, pag 147-151, Braşov, Romania, ISBN: 978-960-474-294-3, 2011 | EBSCO                                                       |

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| 18 | Didulescu C.; Savu A.; Badea A.C.; Badea G.; Bădescu G. – „Modeling and Visualization Objects from Point Cloud Data Surveyed With Terrestrial Laser Scanner Measurements in dynamic system of railway tunnels” RECENT RESEARCHES IN MANUFACTURING ENGINEERING Proceedings of the 3rd WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '11), Published by WSEAS Press, pag 193-198, Braşov, Romania,ISBN: 978-960-474-294-3, 2011 | EBSCO                                                      |
| 19 | Badea, A.C.; Badea, G.; Didulescu, C.; Savu, A.; Bădescu, G. – „Some Features of Project Management Using Dedicated Software in the Land Surveying Works „MATHEMATICS & COMPUTERS IN BIOLOGY, BUSINESS & ACOUSTICS Proceedings of the 12th WSEAS International Conference on Mathematics and Computers in Business and Economics (MCBE '11), Published by WSEAS Press, pag 76-81, Braşov, Romania,ISBN: 978-960-474-293-6, 2011                                                     | EBSCO, ACM                                                 |
| 20 | Savu, A.; Didulescu, C. – Processing, analysis and interpretation softwares Used for laser scanning. Comparative study, RevCAD, nr. 14, pag. 164-168, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2013                                                                                                                                                                                                                                                                   | COPERNICUS                                                 |
| 21 | Didulescu, C.; Savu, A.; Cosarca, C.; Negrilă, A.F.C. - MODELLING A HYDROGRAPHIC BASIN USING GEOSPATIAL DATA, RevCAD Journal of Geodesy and Cadaster, nr. 15, pag 75-84, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2013                                                                                                                                                                                                                                                | COPERNICUS                                                 |
| 22 | Savu, A.; Didulescu, C.; Onose, D.; Cosarcă, C.; Negrilă, A.F.C. – Terrestrial Laser Scanning of the Hydrotechnical objectives in hydrographic space Dobrogea – Litoral, RevCAD Journal of Geodesy and Cadaster, nr. 15, pag 271-278, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2013                                                                                                                                                                                   | COPERNICUS                                                 |
| 23 | Cosarcă, C.; Dumitru, P.D.; Savu, A.; Negrilă, A.F.C.; Calin, A.; Saracin, A.; Didulescu, C. – Geodesic Technical Assistance for Hazard and Flood Risk Maps in Hydrographic Space Prut – Barlad, RevCAD Journal of Geodesy and Cadaster, nr. 15, pag 296-310, Aeternitas Publising House Alba Iulia, ISSN 2068-5203, 2013                                                                                                                                                           | COPERNICUS                                                 |
| 24 | Didulescu C.; Savu A.; Badea A.C.; Badea G. – Using 3D terrestrial laser scanning technology to obtain 3D deliverables, Advanced Science Letters, American Scientific Publishers, Vol. 19, Number 1 pag 70-74, ISSN: 1936-6612, EISSN: 1936-7317, 2013,                                                                                                                                                                                                                             | ELSIVER,<br>Scopus,<br>CROSSREF,<br>WORLDCAT               |
| 25 | Savu, A.; Didulescu C. – „3D modelling using laser scanning technique”, Journal of Applied Engineering Sciences, Volume 1 (16). Issue 1, University of Oradea Publishing House, pag. 119-124,ISSN 2247-3769, 2013                                                                                                                                                                                                                                                                   | EBSCO,<br>COPERNICUS,<br>ULRICHS<br>WEB, DRJI,<br>SCIPPIO, |

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| 26 | Didulescu, C.; Savu, A. – „Aspects of volume calculation”, Journal of Applied Engineering Sciences, Volume 1 (16). Issue 1, University of Oradea Publishing House, pag. 31-34, ISSN 2247-3769, 2013                                                                                                                                                                                                                                                                                                   | EBSCO,<br>COPERNICUS,<br>ULRICH<br>WEB, DRJI,<br>SCIPPIO, |
| 27 | Coșarcă, C.; Didulescu C.; Savu, A.; Sărăcin, A.; Badea, G.; Badea, A.C.; Negrilă, A.F.C. – „Mathematical Models Used in Processing Measurements Made By Terrestrial Laser Scanning Technology”, RECENT ADVANCES in APPLIED MATHEMATICS and COMPUTATIONAL METHODS in ENGINEERING, Proceedings of the 2013 International Conference on Applied Mathematics and Computational Methods in Engineering (AMCME 2013), Published by WSEAS Press, pag 184-188, ISSN 2227-4588, ISBN: 978-1-61804-200-2, 2013 | EBSCO                                                     |
| 28 | Didulescu C.; Savu, A.; Coșarcă, C.; Sărăcin, A.; Badea, G.; Badea, A.C.; Negrilă, A.F.C. – „A Modern Support For Training Geodetic Students In Romania”, RECENT ADVANCES in EDUCATION and EDUCATIONAL TECHNOLOGIES, Proceedings of the 2013 International Conference on Education and Educational Technologies (EET 2013), Published by WSEAS Press, pag 162-165, ISSN 2227-4618, ISBN: 978-1-61804-203-3, 2013                                                                                      | EBSCO                                                     |
| 29 | Didulescu, C. – Some aspects of making landslide hazard map in Romania, Recent Advanced in Geodesy and Geomatics Engineering, Conference Proceedings of the 1st European Conference of Geodesy & Geomatics Engineering (GENG '13), Published by WSEAS Press, ISSN 2227-4359, ISBN 978-960-474-335-3, 2013                                                                                                                                                                                             | EBSCO                                                     |
| 30 | Badea, A. C.; Badea, G.; Didulescu, C.; Savu, A. - Aspects of Cadastral Data Management Using GIS and 3D Software–Advances in Environmental Development, Geomatics, Engineering and Tourism, 2nd European Conference of Geodesy & Geomatics Engineering (GENG'14), Published by WSEAS Press, pag 110-115,ISSN 2227-4359, ISBN 978-960-474-335-8, 2014                                                                                                                                                 | SCOPUS                                                    |
| 31 | Negrilă, A.F.C; Coșarcă, C.; Didulescu C.; Sărăcin, A.; Savu, A. - Modern Technologies for Management of Historic Sites, Advances in Environmental Development, Geomatics, Engineerinf and Tourism, 2nd European Conference of Geodesy & Geomatics Engineering (GENG '14), Published by WSEAS Press, pag 125-131, ISSN 2227-4359, ISBN 978-960-474-335-8, 2014                                                                                                                                        | SCOPUS                                                    |
| 32 | Sărăcin, A.; Coșarcă, C.; Didulescu C.; Savu, A.; Negrilă, A.F.C - Using InSAR Technology for Monitoring vertical Deformation of the Earth Surface - Advances in Environmental Development, Geomatics, Engineerinf and Tourism, 2nd European Conference of Geodesy & Geomatics Engineering (GENG '14), Published by WSEAS Press, pag 41-48, ISSN 2227-4359, ISBN 978-960-474-335-8, 2014                                                                                                              | SCOPUS                                                    |

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| 33 | Savu, A.; Didulescu, C.; Badea, A. C.; Badea, G. - Information System for Real Estate and Utility Network - Advances in Environmental Development, Geomatics, Engineering and Tourism, 2nd European Conference of Geodesy & Geomatics Engineering (GENG '14), Published by WSEAS Press, pag 80-87, ISSN 2227-4359, ISBN 978-960-474-335-8, 2014   | SCOPUS     |
| 34 | Didulescu, C.; Savu, A; Cosarcă, C.; Saracin, A.; Negrilă, A.F.C.; – QUERYING THE COMPONENT DATA OF A GRAPHICAL CADASTRAL DATABASE USING VISUAL LISP PROGRAM, RevCAD Journal of Geodesy and Cadaster, nr. 16, pag 48-55, Aeternitas Publishing House Alba Iulia, ISSN 2068-5203, 2014                                                             | COPERNICUS |
| 35 | Savu, A; Coșarcă, C.; Didulescu, C; Saracin, A; Sălăgean, T; - MAKING DATA BANK FOR OPERATING TUNNELS , RevCAD Journal of Geodesy and Cadaster, nr. 19, pag 71-78, Aeternitas Publishing House Alba Iulia, ISSN 2068-5203, 2015                                                                                                                   | COPERNICUS |
| 36 | Badescu, G., Calina, A., Calina, J., Didulescu, C., Badescu, R., The use of the romanian position determination system (ROMPOS) and GNSS in identifying parcels for the agriculture payments and intervention agency, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2017         | SCOPUS     |
| 37 | Badea, G., Didulescu, C., Badea, A., Savu, A., Vasilca, D., Proposals for increasing the university educational performance at the Faculty of Geodesy, Technical University of Civil Engineering Bucharest, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2017                   | SCOPUS     |
| 38 | C. Didulescu, G. Badea, A.C. Badea, A. Savu - Specific Issues Applying the Law 165/2013 REVCAD Vol 23/2017, pp 93-100                                                                                                                                                                                                                             | COPERNICUS |
| 39 | Aurel Saracin, Constantin Cosarca, Adrian Savu, Aurel Florentin Catalin Negrila, Caius Didulescu, Telematics and intelligent transport, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2018, Vol. 18, pp 427-434, ISSN: 1314-2704, DOI: 10.5593/sgem2018/2.2/S08.054.             | SCOPUS     |
| 40 | Aurel Florentin Catalin Negrila, Adrian Savu, Constantin Cosarca, Caius Didulescu, Aurel Saracin, Modeling Bridges Using Terrestrial Laser Scanning, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM 2018, Vol. 18, pp 875-882, ISSN: 1314-2704, DOI: 10.5593/sgem2018/2.2/S09.111 | SCOPUS     |

**E. Publicații în extenso, apărute în lucrări ale principalelor conferințe internaționale și naționale de specialitate / Articles published in international and national conferences**

| Nr. crt. | Publicații în extenso în conferințe internaționale și naționale                                                                                                                                                                                        |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1        | <u>Didulescu Caius</u> : „Culegerea datelor din teren cu ajutorul stației totale folosind un sistem de coduri caracteristice ca alternativă la programele de reprezentare grafică”, Simpozionul Științific Internațional "GeoCAD'05", Alba Iulia, 2005 |
| 2        | <u>Didulescu Caius</u> – „Tehnici de optimizare a interogărilor asupra unei baze de date textuale cadastrale folosind limbajul SQL”, Simpozionul Științific Internațional "GeoCAD'07", Alba Iulia, 2007                                                |
| 3        | <u>Didulescu Caius</u> - “Programs for Automatic Calculation of Volumes in Land Surveys”, Conferința Națională tehnico – științifică (cu participare internațională) „Tehnologii moderne pentru mileniul III”, Oradea, 2009                            |
| 4        | <u>Didulescu Caius</u> “A Study Concerning the Possibility of Apply Different Queries on Textual Cadastral Database” Simpozionul Științific Internațional "GeoCAD'09", Alba Iulia, 2009                                                                |
| 5        | <u>Didulescu Caius</u> “The 3D Urban Model, a New Tool in Support of Urban Planning”, Simpozionul Științific Internațional "GeoCAD'10", Alba Iulia, 2010.                                                                                              |
| 6        | <u>Didulescu Caius</u> „Interactive Vectorization – a Useful Tool in Creating Digital Maps”, Conferința Națională tehnico – științifică (cu participare internațională) „Tehnologii moderne pentru mileniul III”, Oradea, 2010                         |
| 7        | <u>Didulescu Caius</u> „Automation of Cadastral Works Using Visual LISP Routines”, Conferința Națională tehnico – științifică (cu participare internațională) „Tehnologii moderne pentru mileniul III”, Oradea, 2010                                   |
| 8        | <u>Didulescu Caius</u> “Achieving Quality in the Education of Surveyors in Romania”, Simpozionul internațional ‘GeoPreVi’ al Facultatii de Geodezie, Bucuresti, 2011                                                                                   |
| 9        | <u>Didulescu Caius</u> “Automation of cadastral plans for the location and delimitation of properties in Romania using AutoLISP routines”, Simpozionul internațional ‘GeoPreVi’ al Facultatii de Geodezie, Bucuresti, 2011                             |
| 10       | <u>Didulescu Caius</u> „Modeling and Visualization Objects from Point Cloud Data Surveyed With Terrestrial Laser Scanner” Simpozion internațional WEAS International Conference on Sustainability in Science Engineering, Braşov, 2011                 |
| 11       | <u>Didulescu Caius</u> „Some aspects regarding the implementation of the integrated system on cadastre and real estate publicity e-Terra” Simpozionul Științific Internațional "GeoCAD'12", Alba Iulia, 2012                                           |

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| 12 | <u>Didulescu C.</u> , D. Păunescu, C. Popescu „ <i>Advantages of deformation measurements for a deep excavation of an unstable slope in order to implement a hydropower development</i> ”, The 3rd Joint International Symposium on Deformation Monitoring, Vienna, 30th March–1st April 2016, publicat pe site-ul FIG:<br><a href="https://www.fig.net/resources/proceedings/2016/2016_03_jisdms_pdf/nonreviewed/JISDM_2016_submission_80.pdf">https://www.fig.net/resources/proceedings/2016/2016_03_jisdms_pdf/nonreviewed/JISDM_2016_submission_80.pdf</a> |
| 13 | <u>Didulescu Caius</u> „Some aspects of spatial data acquisition using total stations”, Simpozionul Științific Internațional "GeoPREVI 2015", publicat în Journal of Geodesy, Cartography and Cadastre, Vol 6/2017, <a href="http://www.ugr2014.ro/Revista-UGR">http://www.ugr2014.ro/Revista-UGR</a>                                                                                                                                                                                                                                                          |

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**Conf.dr.ing. Caius DIDULESCU**

