

**LISTA PUBLICAȚIILOR REZULTATE ÎN URMA CERCETĂRII DOCTORALE,
PUBLICATE SAU ACCEPTATE SPRE PUBLICARE, SUB AFILIERE UPT**

Dr. Ing. Adrian ȘMULEAC

1. Lucrări științifice publicate în reviste indexate Web of Science-WoS (ISI)

1.1. Laura Șmuleac, Florin Imbrea, Ioana Corodan, Anișoara Ienciu, **Șmuleac Adrian**, Dan Manea, " The Influence of Anthropogenic Activity on Somes River Water Quality", *AgroLife Scientific Journal* - Volume 6, Number 2, 2017 ISSN 2285-5718; ISSN CD-ROM 2285-5726; ISSN ONLINE 2286-0126; ISSN-L 2285-5718, WOS:000423885500025

2. Lucrări științifice publicate în volumele unor manifestări științifice (Proceedings) indexate Web of Science-WoS (ISI) Proceedings

2.1. **Șmuleac Adrian**, Teodor Eugen Man, Laura Șmuleac, Daniela Cristina Untaru, "Achievement of 3D models using UAV and handling cloud points from aerial photographs in order to determine volumetric calculations using GCP", *Modern Technologies for the 3rd Millennium – 8-9 mai 2020*, în curs de publicare (în curs de indexare WoS; conferința anterioară, 2018, indexată WoS)

2.2. **Smuleac Adrian**, Nicoleta S. Nemes, Ioana A. Cretan, "Consideration Regarding Air Quality Issues In Relation To The Pm 10 Particulate Matter Fractions For The Municipality Of Timisoara", *SGEM2017 Conference Proceedings*, ISBN 978-619-7408-09-6 / ISSN 1314-2704 Romania, 17th International Multidisciplinary Scientific GeoConference SGEM 2017, 22 -31 August 2017, www.sgem.org, 29 June - 5 July, 2017, Vol. 17, Issue 52, 217-224 pp, DOI: 10.5593/sgem2017/52/S20.029 (în curs de indexare WoS; conferința anterioară, 2016, indexată WoS)

2.3. **Șmuleac Adrian**, I. Nemes, Laura Smuleac, Ioana A. Cretan, Nicoleta S. Nemes, "Comparisons Between Classic Topographic Measurements Methods And Lidar Method On The Corridor Of 400 Kv Power Line, Parta-Sag Sector", 17th International Multidisciplinary Scientific GeoConference SGEM 2017, 22 -31 August 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-03-4 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 23, 439-448 pp, DOI: 10.5593/sgem2017/23/S11.054 (în curs de indexare WoS; conferința anterioară, 2016, indexată WoS)

2.4. L. Smuleac, A. Ienciu, R. Bertici, **Smuleac Adrian**, D. Daniel, "Anthropogenic Impact on Groundwater Quality In North-West Banat's Plain, Romania", 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgemviennagreen.org, SGEM2017 Vienna GREEN Conference Proceedings, ISBN 978-619-7408-27-0 / ISSN 1314-2704, 27 - 29 November, 2017, Vol. 17, Issue 33, 35-42 pp; DOI: 10.5593/sgem2017H/33/S12.005 (în curs de indexare WoS; conferința anterioară, 2016, indexată WoS)

2.5. L. L. Barliba, C. Hedrea, C. Barliba, **Smuleac Adrian**, F. C. Barliba, "The Execution Of Topographic Works Towards The Development And Modernisation Of The Central Park In Health Resort Baile Herculane", 17th International Multidisciplinary Scientific GeoConference SGEM 2017, www.sgem.org, SGEM2017 Conference Proceedings, ISBN 978-619-7408-02-7 / ISSN 1314-2704, 29 June - 5 July, 2017, Vol. 17, Issue 22, 645-652 pp, DOI: 10.5593/sgem2017/22/S09.081 (în curs de indexare WoS; conferința anterioară, 2016, indexată WoS)

2.6. **Smuleac Adrian**, I. Nemeș, Ioana Alina Cretan, Nicoleta Sorina Nemeș, Laura Șmuleac, "Comparative Study Of The Volumetric Methods Calculation Using Gns Measurements", *WMCAUS*, 12-16 June, 2017 – Prague, Czech Republic Prezentare 13 iunie 2017 orele 14.30-16.00, p. 57, *IOP Conf. Series: Materials Science and Engineering* 245 (2017) 052020 doi:10.1088/1757-899X/245/5/052020, WOS:000419056402102

2.7. L. Smuleac, S. Nita, A. Ienciu, **Smuleac Adrian**, D. Dicu, "Topographic Survey For The Monitoring Of The Impact Of The Brua/Rohuat Pipe On Water Flow In The Irrigation System At Fântânele, Arad County, Romania", 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM Vienna GREEN Extended Scientific Sessions, SGEM2016 Conference Proceedings, ISBN 978-619-7105-81-0 / ISSN 1314-2704, 2 - 5 November, 2016, Book 3 Vol. 3, 333-340pp, DOI: 10.5593/SGEM2016/HB63/S02.043, WOS:000391653600043

2.8. **Șmuleac Adrian**, C. Popescu, F. Imbrea, G. Popescu, L. Smuleac, "Topographic And Cadastre Works For The Establishment Of An Animal Farm With Nprd Funds, Measure 121, Varadia, Caras-Severin County, Romania", 16th International Multidisciplinary Scientific GeoConference SGEM 2016, SGEM Vienna GREEN

3. Lucrări științifice publicate în reviste de specialitate indexate BDI (cu specificarea BDI)

- 3.1. **Șmuleac Adrian**, Teodor Eugen Man, Laura Șmuleac, Mariana Antonia Pasc, "Use of 3D terrestrial scanning (TLS) technology in the field of hydrotechnics", Scientific Bulletin of Politehnica University of Timișoara, în curs de publicare 2020 (Index Copernicus, Ulrich's, Cabell's, Electronic Journal Library)
- 3.2. **Șmuleac Adrian**, Man T.E., Herban S., Beillici R., Șmuleac L., Untaru D, "Photogrammetric Processing Applied To Water Management For NH Topolovatu Mic", Timiș County, Analele Universității din Oradea Natural Resources and Sustainable Development, pp. 211-220, ISSN 2065-3476, vol. XXXIII, 2019 (Cabi, Directory of Research Journals Indexing, Academic Resource Index, Social Science Research Network, Research Papers in Economics)
- 3.3. Coruț G.A.L., **Șmuleac Adrian**, "Topographic Lifting Of The Proposed Area Of Interest For The Modernization Of The Network Of Local Roads-Dc70a And Streets", Research Journal of Agricultural Science, vol. 51, No 4 (2019), pg. 248-253, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.4. Suhai L.M., **Șmuleac Adrian**, "Road Lifting From Bigar, UAT Berzeasca, Caras-Severin County", Research Journal of Agricultural Science, vol. 51, No 4 (2019), pg. 190-196, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.5. Petrescu R., **Șmuleac Adrian**, "Topographic Lifting Of A Sewerage Network In Santamaria Orlea Commune, Hunedoara County", Research Journal of Agricultural Science, vol. 51, No 4 (2019), pg. 142-149, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.6. Carțiș T., **Șmuleac Adrian**, Simon M., "Topographic Measurement And Construction Stake Out P+2f, Territorial Administrative Unit (U.A.T.) Giroc, Village Giroc, County Timiș", Research Journal of Agricultural Science, vol. 51, No 3 (2019), pg. 65-74, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.7. Buliga D., **Șmuleac Adrian**, "Update of Land Books: "Moduat" Inter-County, Following Modification of the Atu Limit, As Well As The County Limit", Research Journal of Agricultural Science, vol. 51, No 3 (2019), pg. 30-38, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.8. Casian A., **Șmuleac Adrian**, Simon M., "Possibilities Of Using The UAV Photogrammetry In The Realization of the Topo-Cadastral Documentation", Research Journal of Agricultural Science, vol. 51, No 2 (2019), pg. 96-106, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.9. Boșneag G., **Șmuleac Adrian**, "Use Of Modern Topographic Technologies to Create a Bicycle Track", Research Journal of Agricultural Science, vol. 51, No 2, 2019, pg. 107-113, Ed. Agroprint, 2019, ISSN:2066-1843(Cabi, Ebsco)
- 3.10. **Șmuleac Adrian**, Naidin A.L., Smuleac Laura, "Realizing a Work Flow With E-Terra 3 Program for Registration of Data at the Cadastral and Imobiliar Advertising Office", Research Journal of Agricultural Science, vol. 51, No 1 (2019), pg. 247-255, Ed. Agroprint, 2019, ISSN:2066-1843 (Cabi, Ebsco)
- 3.11. **Șmuleac Adrian**, Popescu C., Man T.E., Șmuleac L., "Establishing a Geodesy Network with the Satellite Technology Used in Water Management", Proceedings of the "Multidisciplinary Conference on Sustainable Development", Filodiritto Editore – Proceedings, Romania, PP. 943-951, 2019 (Ebsco)
- 3.12. Șmuleac L., Cordan I., Imbrea F., Bănățean-Dunea I., **Șmuleac Adrian**, Ienciu A., Bertici R., Dicu D., Lațo A., Pașcalău R., Bojinescu F.N., "Influence Of Various Anthropic Activities On The Quality Of Groundwater In Timis County", Proceedings of the "Multidisciplinary Conference on Sustainable Development", Filodiritto Editore – Proceedings, Romania, PP. 952-959, 2019 (Ebsco)
- 3.13. **Șmuleac Adrian**, Herbei M., Popescu G., Popescu T., Popescu C.A., Șmuleac L., "3d Modeling of Patrimonium Objectives Using Laser Technology", Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Horticulture, Vol 76 (I), pp. 106-113, 2019, DOI: <http://dx.doi.org/10.15835/buasvmcn-hort:2018.0025> (Cabi, DOAJ, Ebsco, Index Copernicus)
- 3.14. **Șmuleac Adrian**, Popescu C.A., Șmuleac L., Popescu G., Bârliba L., Beillici R., Man T.E., "Processing Airline Pictures from UAV Using GCP, Cloud Processing of Point (Point Cloud) And Orthomosaic Applied In Water Management", Proceedings of the " Proceedings of the "International Conference on Life Sciences", Filodiritto Editore – Proceedings, Romania, pp. 1015-1024, 2018 (Ebsco)

- 3.15. Simon M., Todiruta A., Popescu C.A., Copocean L., **Șmuleac Adrian**, "The Geodesic Network Thickening by Satellite Measurements In Bara Commune, Timis County", Research Journal of Agricultural Science, 50 (1), pp. 150-158, 2018 (Cabi, Ebsco)
- 3.16. Șmuleac Laura, Ienciu Anișoara, Horablaga Adina, **Șmuleac Adrian**, "Study Regarding the Impact of Anthropogenic Activities on Water Quality of Bega River", International Symposia "Risk Factors for Environment and Food Safety" & "Natural Resources and Sustainable Development", November 15-16, 2017, Oradea, pp. 269-274, ISSN 2065-3476, vol. XXXI, 2017, Analele Universității din Oradea (Cabi, Directory of Research Journals Indexing, Academic Resource Index, Social Science Research Network, Research Papers in Economics)
- 3.17. Laura Șmuleac, Lavinia Ștefanca, Anișoara Ienciu, R. Bertici, **Șmuleac Adrian**, "Influence Of Anthropogenic Activities On Mures River Water Quality", Research Journal of Agricultural Science, vol. 49, No 3, pg. 51-56, Ed. Agroprint, 2017, ISSN:2066-1843, 2017 (Cabi, Ebsco)
- 3.18. **Șmuleac Adrian**, Teodor Eugen Man, Sorin Herban, "The Multiplication Of The Geodesy Network By Satellite Methods For Hidrotehnic Node Topolovatu Mic, Timis County", Annals of the University of Oradea, Fascicle: Environmental Protection Vol. XXIX, pp. 261-268, 2017 (Cabi, Directory of Research Journals Indexing, Academic Resource Index, Social Science Research Network, Research Papers in Economics)
- 3.19. Adrian-Vasile Vlad, **Șmuleac Adrian**, George Popescu, "Land Surveys In Order to Calculate The Volume Of A Decontaminated Land", Research Journal of Agricultural Science, 49 (4), pp. 355-360, 2017, (Cabi, Ebsco)
- 3.20. **Șmuleac Adrian**, C. Popescu, L. Bărliba, V. Ciolac, M. Herbei, "Using The Gns Technology To thicken Geodesic Network In Secaș, Timiș County, Romania", Research Journal of Agricultural Science, vol. 49, No 3, pg. 57-68, Ed. Agroprint, 2017, ISSN:2066-1843, 2017 (Cabi, Ebsco)
- 3.21. Beáta Kincses, A. Armaș, **Șmuleac Adrian**, "The Importance Of Updating The Borders Of Towns, Based On The Topographic And Cadastral Checks", Reserch Journal of Agricultural Science, vol. 48, No 4 (), pg. 171-178, Ed. Agroprint, ISSN:2066-1843, 2016, (Cabi, Ebsco)
- 3.22. Armaș Andrei, Man Teodor Eugen, Mazăre Veaceslav, Beilicci Robert, Cuzic Ovidiu, **Șmuleac Adrian**, "Land Degradation: From Dryness To Desertification", Reserch Journal of Agricultural Science, vol. 48, No 1, Ed. Agroprint, 2016, ISSN:2066-1843, pg. 9-15, 2016, (Cabi, Ebsco)

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