

Curriculum Vitae

Surname: Paulette

First name: Laura Eugenia

Nationality: Romanian

Sex: Female

Work address: University of Agricultural Sciences and Veterinary Medicine, Romania

County: Cluj

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Education and Work Experience:

2014 – Present: Professor of Pedology/Soil Classification/Land Use & Technical and Soil Science Department, USAMV, Cluj Napoca, RO.

2008 – 2014: Associate Professor of Pedology/Soil Classification/Land Use & Technical and Soil Science Department, USAMV, Cluj Napoca, RO.

2004 – 2008: Lecturer of Pedology/Soil Classification/Land Use & Technical and Soil Science Department, USAMV, Cluj Napoca, RO.

1998 – 2002: Assistant Professor of Pedology&Technical and Soil Science Department, USAMV, Cluj Napoca, RO.

2017: Habilitation, Agronomy, USAMV, Cluj Napoca, RO

2004: Ph.D. Agronomy, USAMV, Cluj Napoca, RO

1995: B.S. Horticulture, USAMV, Cluj Napoca, RO

Membership of professional and scientific associations:

- Soil Science Society of America (SSSA)
- International Soil Tillage Research Organization (ISTRO)
- European Society for Soil Conservation (ESSC)
- Centre International du Engrais Chimique (CIEC)
- International Union of Soil Sciences (IUSS)
- Society of Ecological Restoration (SER)
- EURACHEM
- Romanian National Society of Soil Science (RNSSS)
- Romanian Agronomic Center, Cluj branch (secretary)
- Romanian Professional Association of Environmental Protection (APPM)
- National Society of Peats Preservation (NSPP -founding member)
- Promediu – Environmental, Hunting and Fishing Association

Courses Taught:

- Pedology
- Soil Classification/Morphology
- Land Use Planning and Management
- Soil Quality
- Ecological Reconstruction of Soils/Bioremediation
- Conservation des sols (French, M.Sc)

- Geology and Geomorphology (English)

Awarded Grants and Contracts

- Paulette L. 2008. Methods of recovery of sludges derived from biodegradable waste (from hydro storage tanks and treatment plants) to reduce environmental pollution. National Program II Grant, contract no.32-105/09.2008. [\$23,810]
- Paulette L. 2007. Sustainable exploitation of soil resources in protected spaces (greenhouses) through the implementation of green technologies and the development of methods for monitoring and analyzing compliant with the European Union standards. National Program II Grant, contract no. 51-045/17.09.2007 [\$33,550]
- Paulette L. The use of some plant species as hyperaccumulators of heavy metals. CNCSIS AT, contract no. 27665/2005, cod 93 [\$3,303]

Total awarded grants/contracts: \$60,663

Honors:

- 2021. Award for scientific paper *Characterization of Gellols in northern Alaska, USA*, SSSA vol. 84 :818-832. Autumn A., D.C. Weindorf, J.M. Galbraith, N.A. Jelinski, L. Paulette. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2021, Award granted by Academy of Agricultural Sciences and Forestry, Mircea Moțoc award for book: Tehnologii de remediere a solurilor/Technologies for soils remediation, autori: Laura Paulette, Ioan Oroian.
- 2020, Award for scientific paper *Soil Classification in Romanian Catenas via Advanced Proximal Sensors*. Geoderma, vol. 377. Autumn Acree, Laura Paulette, Natasja Van Gestel, Somsubhra Chakraborty, Titus Man, Cynthia Jordan, Jose Prieto. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2019, Award for scientific paper *Determination of base saturation percentage in agricultural soils via portable X-ray fluorescence spectrometer*. Rawal A., Chakraborty S., Bin Li, Lewis K., Godoy M., Paulette L., Weindorf D.C. Geoderma 338(2019):375-382. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2019, Award for scientific paper *Soil Reclamation of Abandoned Mine Lands by Revegetation in North-Western part of Transylvania: a 40-Years Retrospective Study*. 127. Mihai Buta, Gheorghe Blaga, Laura Paulette, Ioan Păcurar, Sanda Roșca, Orsolya Borsai, Florina Grecu, Pauliuc Ecaterina Sînziana, Cornel Negrușier Sustainability, 11(12). Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2018, Award for scientific paper *Elemental Assessment of Vegetation via Portable X-ray Fluorescence (PXRF) Spectrometry*. McGladdery C., D. C. Weindorf, S. Chakraborty, Bin Li, L. Paulette, B.Duda, D. Pearson, D. Podar, Nana Yaw O. Kusi. Journal of Environmental Management 210:210-225. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2018, Award for scientific paper *Soil Mapping Via Diffuse Reflectance Spectroscopy Based On Variable Indicators: An Ordered Predictor Selection Approach*. Raj A., S. Chakraborty, B.M. Duda, D. C. Weindorf, Bin Li, S.Roy¹ M.C. Sarathjith, B. S. Das, L. Paulette. Geoderma 314(2018):146-159. . Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2017, Award for scientific paper *Rapid assessment of smelter/mining soil contamination via portable X-ray fluorescence spectrometry and indicator kriging*. Chakraborty S., T. Man, L. Paulette, S. Deb, B. Li , D.C. Weindorf,, M. Frazier. Geoderma 306(2017):108-119. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2017, Award for scientific paper *Soil characterization across catenas via advanced proximal sensors*. Duda B.M., D.C Weindorf., S. Chakraborty, Bin Li, T. Man, L. Paulette. Shovik Deb.

Geoderma 298 (2017):78-91. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.

- 2015, Invited Speaker – Soil Science Society of America International Meetings. Minneapolis, Minnesota.
- 2015, Award for scientific paper *Rapid assessment of soil and contaminant variability via portable x-ray fluorescence spectroscopy: Copsa Mica, Romania*. 2015. Paulette L., D.C. Weindorf, T. Man, T. Person. Geoderma 243-244 (2015):130-140. Granted by UEFSCDI. Executive Unit for Funding of Higher Education, Research Development and Innovation.
- 2013, Award for scientific paper *In-situ assessment of metal contamination via portable x-ray fluorescence spectroscopy: Zlatna, Romania*. Weindorf, D.C., L. Paulette, T. Man. Environmental Pollution 182(2013):92-100. Granted by UEFSCDI.
- Diploma of Excellence and Gold medal for Nutraceutical Compound enriched in organic selenium, Authors: R. Csaba-Pal, I. Oroian, A. Odagiu, L. Paulette, L. Holonec, C. Iederan, I. Brasovean - 2014. Granted by International Exhibition of Inventions PROINVENT, Cluj Napoca. 12th edition.

Notable Institutional Service:

- Technical and Soil Science Departmental Chair Search Committee
- Coach, Intercollegiate Soils Judging Team (2013, 2015, 202)
- Faculty Council Executive Committee (since 2008)

Outreach and Professional Service

- Editorial Board Member – Soil Science Journal 2012-present
- Editorial Board Member – Bulletin USAMV 2012-present
- Editorial Board Member – ProEnvironment 2008-present
- Editorial Board member – SCIREA 2017-present

Journals Reviewer: Geoderma, Catena, Waste Management, Precision Agriculture, Environmental Engineering and Management Journal, Sustainability, Agronomy, Applied Science, Land, Compaq, Journal of Environmental Quality, Sensors, Water, Environmental International, Journal of Agricultural Research, Asian Journal of Soil Science and Plant Nutrition, Environmental Monitoring and Assessment, Environmental Pollution, Applied Ecology and Environmental Research, Science of the total Environment, Journal of Hazardous Materials, ProEnvironment, Journal of Agricultural Science, Horizon, Universal Journal of Agricultural Research, INMATEH-Agricultural Engineering, Annual Research & Review in Biology.

Research Affiliations

Erasmus scholarship, 25th January – 25th June 2002, Bournemouth University, School of Service Industry, Department of Soil Conservation, United Kingdom.

Visiting scholar, 31st May – 5th June 2016, Ecole Supérieur D'Agriculture, Angers, France.

Summer course 51908 NRM, Alaska Soil Geography Field Trip, 14-30 iulie 2018, University of Fairbanks, Alaska.

Graduate and Post Graduate Students Supervision: 79

Hirsch Index: h= 11 Web of Science, h=10 Scopus, h= 16 Google Scholar

Publications:

Peer Reviewed Publications:

1. Vlăduț-Ionuț ȘTER, Vasile-Adrian HORGA, Beniamin-Emanuel ANDRAS1, Alexandru-D. COSTIN, **Laura PAULETTE**. Research on the influence of chemical fertilization and soil type on soil characteristics in different cultivated maize areas of Mureș County. 2026. Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca. Agriculture, VOLUME 83 ISSUE 1 | MAY.pg 59-67, file:///C:/Users/Admin/Downloads/15390-Article%20Text-58414-1-10-20260510-1.pdf
2. Rusu Teodora Maria, Odagiu A., Rusu T., **Paulette L.** Assessing the Environmental Reporting Maturity of Companies in Romania According to the CSRD. 2026. Sustainability, vol.18 (4). <https://www.mdpi.com/2071-1050/18/4/1990> IF:3.3 WOS:001701274300001.
3. BARTHA Istvan, Cornel NEGRUȘIER, Mihai BUTA, Orsolya NEGRUȘIER, Ioan BRAȘOVEAN, **Laura PAULETTE**. 2024. Land capability and suitability analysis for vineyards in Sălaj county, Romania. Scientific Papers. Series A. Agronomy, Vol. 67, Issue 2. Page19-30 <https://agronomyjournal.usamv.ro/index.php/29-articles/articles-2024-issue-2/1834-land-capability-and-suitability-analysis-for-vineyards-in-salaj-county-romania> IF:0.4 WOS: 001369756100002
4. Rusu Teodora, Antonia Odagiu, Horia Pop, **Laura Paulette**. 2024. Sustainability Performance Reporting. Sustainability. 16(19):8538 .<https://www.mdpi.com/2071-1050/16/19/8538> IF: 3.30 WOS:001333053800001
5. Rusu Teodora, Tania Mihăiescu, Antonia Odagiu, **Laura Paulette**. 2023. Effects of the Eating Habits of Romanian Residents on the Water Footprint. Water 2023, 15(8), 1622; IF : 3.530 WOS:000979531000001
6. Bartha Istvan, Bogdan Jurj, Mihai Buta, Cornel Negrușier, **Laura Paulette**. 2021. Analysis of terroir components in the vineyard of silvania. Proenvironment 14(2021):7-19
7. Autumn Acree, Laura Paulette, Natasja Van Gestel, Somsubhra Chakraborty, Titus Man, Cynthia Jordan, Jose Prieto. 2020. Soil Classification in Romanian Catenas via Advanced Proximal Sensors. Geoderma, vol. 377 IF=4,848 WOS:000560363900014
8. Autumn A., D.C. Weindorf, J.M. Galbraith, N.A. Jelinski, **L. Paulette**. 2020. Characterization of Gellols in northern Alaska, USA. Soil Science Society of America Journal. vol. 84, nr. 3, p. 818-832. IF=2,311 WOS:000591662400013
9. Buta, M., **Paulette Laura**; Man T., Bartha I., Negrusier C., Bordea C. 2019. Spatial assessment of soil salinity by electromagnetic induction survey. Environmental Engineering And Management Journal Volume: 18 Issue: 9 Pages: 2073-2081.
10. Buta Mihai, Gheorghe Blaga, **Laura Paulette**, Ioan Păcurar, Sanda Roșca, Orsolya Borsai, Florina Grecu, Pauliuc Ecaterina Sînziana, Cornel Negrușier.. 2019. Soil Reclamation of Abandoned Mine Lands by Revegetation in North-Western part of Transylvania: a 40-Years Retrospective Study. Sustainability, 11(12), 3393.
11. Rawal A., Chakraborty S., Bin Li, Lewis K., Godoy M., **Paulette L.**, Weindorf D.C. 2019. Determination of base saturation percentage in agricultural soils via portable X-ray fluorescence spectrometer. Geoderma 338:375-382.
12. McGladdery C., D. C. Weindorf, S. Chakraborty, Bin Li, **L. Paulette**, B.Duda, D. Pearson, D. Podar, Nana Yaw O. Kusi. 2018. Elemental Assessment of Vegetation via Portable X-ray Fluorescence (PXRF) Spectrometry. . Journal of Environmental Management 210:210-225.
13. Raj A., S. Chakraborty, B.M. Duda, D. C. Weindorf, Bin Li, S.Roy¹ M.C. Sarathjith, B. S. Das, **L. Paulette**. 2018. Soil Mapping Via Diffuse Reflectance Spectroscopy Based On Variable Indicators: An Ordered Predictor Selection Approach. Geoderma 314 (2018): 146-159.
14. Chakraborty S., T. Man, **L. Paulette**, S. Deb, B. Li , D.C. Weindorf,, M. Frazier. 2017. Rapid assessment of smelter/mining soil contamination via portable X-ray fluorescence spectrometry and indicator kriging. Geoderma 306(2017):108-119.

15. Duda B.M., D.C Weindorf., S. Chakraborty, Bin Li, T. Man, **L. Paulette**. Shovik Deb. 2017. Soil characterization across catenas via advanced proximal sensors. *Geoderma* 298:78-91.
16. Man T., **L. Paulette**, M.Frazier, A. Sharma, D. C. Weindorf. 2016. Rapid assessment of smelter/mining soil contamination via portable X-ray fluorescence spectrometry. **Pedoshere** [Under revision].
17. Weindorf, D.C., S. Chakraborty, A. Aldabaa, **L. Paulette**, G. Corti, S. Cocco, E. Michéli, D. Wang, B. Li, T. Man, A. Sharma, and T. Person. 2015. Lithologic discontinuity identification via proximal sensors. **Soil Science Society of America Journal** doi:10.2136/sssaj2015.04.0160.
18. Weindorf, D.C., T. Man, **L. Paulette**, and T. Person. 2015. Soil heavy metal contamination in Baia Mare, Romania: An exploratory study. **International Journal of Bioresource Science** 2(1):1-5.
19. **Paulette, L.**, T. Man, D.C. Weindorf, and T. Person. 2015. Rapid assessment of soil and contaminant variability via portable x-ray fluorescence spectroscopy: Copșa Mică, Romania. **Geoderma** 243-244:130-140. doi:10.1016/j.geoderma.2014.12.025.
20. **Paulette, L.**, Filipov F., I. Oroian, M. Mihalache, Antonia Odagiu, M. Buta. 2014. Use of soil conditioners in greenhouses soils. **ProEnvironment** 7(2014):185-189.
21. Weindorf, D.C., **L. Paulette**, and T. Man. 2013. In-situ assessment of metal contamination via portable x-ray fluorescence spectroscopy: Zlatna, Romania. **Environmental Pollution** 182:92-100. doi: 10.1016/j.envpol.2013.07.008.
22. Buta, M., I. Pacurar, **L. Paulette**, E. Buta. 2013. The Assessment of Carbon Dioxide Emissions in the Peatlands of the Apuseni Mountains, Romania. **Journal of Food, Agriculture & Environment** 11(3-4):2601-2604.
23. Oroian I, A. Odagiu, I. Covrig, **L. Paulette**, T. Rusu. 2013. Testing multiregression model in predicting *Phytophthora infestans* L. attack degree on potato culture developed in climatic conditions from Transylvania, Romania. **Journal of Food, Agriculture & Environment** 11 (1): 449-453.
24. Odagiu A., I. Oroian, I. Covrig, **L. Paulette**. 2013. Carbon Footprint and Shale Gaze Emissions. **Bulletin USAMV** serie Agriculture 70(2):309-312.
25. Petrescu-Mag R. M., T. Mihăiescu, **L. Paulette**, V. Dan. 2013. The function of law in connection with sustainable development. AES Bioflux - **International Journal of the Bioflux Society** 5(3):300-305.
26. Odagiu A., I. Oroian, T. Mihăiescu, **L. Paulette**, R. Mihăiescu, A. Fleșeriu. 2013. Is Hydraulic Fracturing a Threat for Drinking Water Resources? **ProEnvironment** 6(13): 89-92.
27. Petrescu D. C., I. Oroian, M. Proorocu, T. Mihăiescu, **L. Paulette**, V. Dan. 2013. Organic products: consumption habits and perceptions. AES Bioflux – **International Journal of the Bioflux Society** 5(1):1-9.
28. Petrescu-Mag R. M., V. Dan, M. Proorocu, **L. Paulette**, T. Mihăiescu, I. V. Petrescu-Mag. 2013. The “Common but Differentiated Responsibility” viewed as a soft law instrument and its reflection in some international environmental acts. AES Bioflux – **International Journal of the Bioflux Society** 5(1):10-14.
29. Moraru, P., T. Rusu, **L. Paulette**, M. Buta, I. Oroian, A. Odagiu, D. Clapa, S. Cosma. 2013. Reducing energy consumption and soil conservation by tillage system. **ProEnvironment** 6(14):164-170.
30. **Paulette, L.**, I. Oroian, M. Buta, A. Odagiu. 2012. Soils inventory of Cluj Napoca as background study for different use. **ProEnvironment** 5(2012):243-247.
31. Oroian I., O. Viman, T. Mihăiescu, A. Odagiu, **L. Paulette**. 2012. The air microelemental pollution and trees health status. A case study: quantification of air pollution with Pb, using trees as bioindicators. **Bulletin USAMV** 69(2):461-463.
32. Buta, E., **L. Paulette**, M. Buta, T. Mihaiescu, M. Cantor. 2011. The influence of heavy metals on growth and development of *Eichhornia crassipes* species, cultivated in contaminated water. **Notule Botanicae Horti Agrobi** 39(2):135-141.
33. Oroian I., **L. Paulette**, I. Covrig, A. Odagiu, C. Iederan. 2011. Research concerning organic solutions suitable for fertilizing permanent pasture. **Bulletin USAMV-CN** Agriculture 68(2):124-129.

34. **Paulette, L.**, F. Filipov, R.Sima, I. Cătiņaș, M. Buta. 2010. Unconventional methods to improve the quality of greenhouses' soils. **Analele Universității Craiova** XL/1:541-547.
35. **Paulette, L.**, G. Morar, I. Oroian, C. Sârbu, O. Gheolțan, C. Neag. 2009. Protection and conservation of the soils properties influenced by the organic agriculture system. **Bulletin USAMV-CN** 66 (1):425-433.
36. **Paulette, L.**, C. Crăciun, A. Todoran. 2008. Caracterizarea morfologică, fizică, chimică și mineralogică a solurilor poluate cu metale grele din Zlatna. *Lucrările celei de-a XVIII-a Conferință Națională pentru Știința Solului* 1:300-310.
37. **Paulette, L.**, 2008. Lead accumulation in soil and the correlations between lead concentrations and soil properties. **Scientific Papers of Agriculture** 40(2):131-136.
38. **Paulette, L.** 2007. Characterization of soil degradation and the ecological impact phenomena in the Zlatna area, Romania. 42nd Croatian and 2nd International Symposium on Agriculture 1:84-87.
39. **Paulette, L.**, C. Chiper. 2007. Corelația dintre reacția solului, humus și conținut în argilă și nivelul acumulării metalelor grele pe solurile degradate prin poluare industrială din zona Zlatna. **Compactarea solurilor, procese și consecințe** 1:253 – 263.
40. **Paulette, L.**, C. Chiper, M. Rusu, I. Oroian, Gh. Blaga. 2007. Heavy metals accumulation (Pb, Cu, Zn and Cd) on the soil profile. **Bulletin USAMV-CN**, 63-64(A):345.
41. **Paulette, L.**, I. Oroian, M. Rusu, A.Todoran. 2007. Principalele trasee de degradare și tehnologii pedoameliorative ale solurilor poluate cu metale grele. **Scientific papers USAMV Bucharest series A**, L:330-336.
42. **Paulette, L.**, A. Todoran, I. Oroian. 2006. The fertility state of the soils polluted with heavy metals. **Journal of Central European Agriculture** 7(3):510 – 511.
43. Rusu, T., P. Guș, I. Bogdan, I. Oroian, **L. Paulette**. 2006. Influence of minimum tillage systems on physical and chemical properties of soil. **Journal of Food, Agriculture & Environment** 4 (3&4):262-265.
44. Oroian, I., **L. Paulette**, T. Rusu, A.Dumitras. 2007. The effects of environmental factors on the quality of human life and ecosystems in Romania. **Journal of Food, Agriculture and Environment** 5(1): 248-256.
45. Buta, M., Gh. Blaga, I. Cătiņaș, **L. Paulette**, I. Păcurar. 2005. Evaluation of degraded fields because of mining exploitation on Băbeni (Sălaj) and waste dumps (Entiantrosoils). **Bulletin USAMV-CN**, Seria A, 61: 197-200.
46. **Paulette L.**, A. Todoran, 2004. Changes of Alluvial soils properties under pollution in Zlatna area, Romania. Zlatna. **Scientific papers USAMV București, seria A, XLC**.
47. **Paulette L.** 2004. The modification of brown luvisc pseudogleyed soil in the industrial conditions from Zlatna area. **Bulletin USAMV-CN**, Seria A, 60: 424.
48. **Paulette, L.**, Gh. Blaga, M. Rusu. 2003. The effect of the heavy metals pollution upon the morphological, physical and chemical characteristics of the brown luvisc rhodic soil from the Zlatna industrial area. **Bulletin USAMV-CN**, serie A, 59: 163-167.
49. Păcurar, I., V. Bunescu, Gh. Blaga, H. Bunescu, **L. Paulette**, M. Dârja, D. Clapa. 2002. Species from the indicative spontaneous flora of certain soil characteristics. **Bulletin USAMV-CN** 57:211-214.
50. Rusu, M., M. Mărghitaș, **L. Paulette**, I. Oroian, A. Todea, I. Oltean, M. Toader. 2002. The effect of foliar fertilization in context of differentiated fertilization system. **Bulletin USAMV-CN** 57:284 – 286.
51. Mărghitaș, M., M. Rusu, **L. Paulette**, I. Oltean, M. Toader. 2002. The effect of differentiated mineral fertilization at potato regarding soil reaction and nitrates evolution on carbonated mollic alluvial soil. **Bulletin USAMV-CN** 57:205 – 206.

Research Abstracts:

1. Autumn Acree, D. Weindorf, S. Chackraborty, **L. Paulette**, T. Man, C. Jordan, J.L. Prieto. 2019. Soil Classification in Romanian Catenas Via Advanced Proximal Sensors. ASA-CSSA-SSSA International Annual Meeting | Nov. 10- 13 | San Antonio, Texas.
2. Autumn Acree, D. Weindorf, J. Galbraith, N. Jelinski, **L. Paulette**. 2019. Characterization of Gelolls in Northern Alaska, USA. ASA-CSSA-SSSA International Annual Meeting | Nov. 10- 13 | San Antonio, Texas.
3. Autumn A., T. Blackman, D. Brumm, C. Duball, H.A.S. Dolliver, J. C. Fiola, A. Kholodov, J. Kraklow, R. Lybrand, V. Monsaint-Queeney, D. Nicolsky, **L. Paulette**, A. Pennino, J. Peralta, E. Rooney, B. Scharenbroch, D. G. Schulze, K. L. Vaughan, D. C. Weindorf. 2019. Experiential Learning in the Arctic. Soil Science Society of America International Meeting, 6-9 ianuarie, San Diego, USA.
4. **Paulette L.**, N. Florea. 2015. Romanian System of Soil Taxonomy (RSST) - Uniqueness in a Crowded Taxonomic World. Synergy in Science: Partnering for solutions. ASA, CSSA and SSSA International Annual Meeting, 15-18 Nov. Minneapolis, MN. <https://www.acsmeetings.org/program> [INVITED SPEAKER]
5. Weindorf, D.C., S. Chakraborty, **L. Paulette**, E. Micheli, B. Li, and T. Man. 2015. Proximal sensor identification of lithologic discontinuities in Eastern Europe. 8th International Symposium – Soil Minimum Tillage Systems. 25-26 June, Cluj-Napoca, Romania. <http://www.usamvcluj.ro/SMDT/symposium2015/index.php>
6. Weindorf, D., **L. Paulette**, and T. Man. 2014. Portable x-ray fluorescence spectrometry for elemental soil characterization. Proceedings of the 20th World Congress of Soil Science. 8-13 June, Jeju, South Korea.
7. Weindorf, D.C., **L. Paulette**, and T. Man. 2013. Soil science applications of field portable x-ray fluorescence spectrometry. Soil-Water J. 2(2-1):875-884. ISSN: 2146-7072. 1st Central Asia Congress on Modern Agricultural Techniques and Plant Nutrition. 1-3 October, Bishkek, Kyrgyzstan. <http://scisoc.confex.com/scisoc/2012am/webprogram/Paper71982.html>
8. Moraru P., T. Rusu, **L. Paulette**, M. Buta, I. Oroian, A. Odagiu, D. Clapa, Smar.a Cosma. 2013. Reducing energy consumption and soil conservation by tillage system. *In* Abstracts, 7th International Symposium – Soil Minimum Tillage Systems. 2-3 May, Cluj-Napoca, Romania. <http://www.usamvcluj.ro/SMDT/symposium2015/index.php>
9. Oroian I., O. Viman, T. Mihăiescu, A.Odagiu, **L. Paulette**. 2012. The air microelemental pollution and trees health status. A case study: quantification of air pollution with Pb, using trees as bioindicators. *In* Abstracts, 11th International Symposium Prospects for the 3rd Millennium Agriculture International Meetings, 27-29 September, USAMV Cluj-Napoca. <http://www.usamvcluj.ro/symposium2012/program%20simpozion.pdf>
10. Oroian I., **L.Paulette**, I. Covrig, Antonia Odagiu, C. Iederan. 2011. Research concerning organic solutions suitable for fertilizing permanent pasture. *In* Abstracts, 10th International Symposium Prospects for the 3rd Millennium Agriculture International Meetings, 29 September – 1st October, USAMV Cluj-Napoca. <http://www.usamvcluj.ro/files/final%20programe.pdf>
11. **Paulette L.**, F. Filipov, R. Sima, I. Cătinaș, M. Buta. 2010. Unconventional methods to improve the quality of greenhouses' soils. 6th Annual Meeting "Durable Agriculture – Agriculture of the Future. 19-20 November, Craiova.
12. Cacoveanu H., D. Gheaja, H. Fodor, **L. Paulette**, M. Buta. 2010. Ecologia cernoziomului argic și agricultura durabilă în Câmpia Transilvaniei. *In* Abstracts, International Symposium „Factori și procese pedogenetice din zona temperată”, organized by Romanian Academy, Iași Branch.

Practical application Natural and Anthropical Degradation of Soils, 9-12 September, Iasi.
<http://www.geo.uaic.ro/factori/volumfinal.pdf>.

13. Buta M., Gh. Blaga, I. Păcurar, **L. Paulette**, I. Cătinaş, E. Buta. 2009. The Classification of agricultural lands from Didactical Farm Cojocna depending on their favorability for cultures. 9th International Symposium Prospects for the 3rd Millennium Agriculture International Meetings, 7-8 October, USAMV Cluj-Napoca.
14. Blaga Gh., **L. Paulette**, I. Cătinaş, I. Păcurar, M. Buta, A. Şotropa, M. Mărginean. 2009. Enzymatic activity of soils and waste dump material (Entiantrosols) from Letca surface Exploitation, Sălaj District. 9th International Symposium Prospects for the 3rd Millennium Agriculture International Meetings, 7-8 October, USAMV Cluj-Napoca.
15. **Paulette L.**, G. Morar, I. Oroian, C. Sârbu, O. Gheolţan, C. Neag. 2009. Protection and conservation of the soils properties influenced by the organic agriculture system. 9th International Symposium Prospects for the 3rd Millennium Agriculture International Meetings, 7-8 October, USAMV Cluj-Napoca.
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