

Portofoliu de lucrări științifice considerate relevante de către candidat, elaborate în domeniul de doctorat vizat

- 1) *Heritage Studies in Spatial Planning; Development and Environmental Policies*, Autori: **Vilceanu, C. B.**; Alionescu, A.; Grecea, C.; et al., Conferință: 18th International Technical-Scientific Conference on Modern Technologies for the 3rd Millennium, Oradea, Romania, Apr 04-05, 2019, Modern Technologies for the 3rd Millennium, pp: 79-84, Accession Number: WOS:000617030100014, Publicat: 2019.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000617030100014>

- 2) *3D Modelling of Cultural Heritage Objective in Timisoara using precise LiDAR*, Autori: Alionescu, Adrian; Herban, Sorin; **Vilceanu, Clara-Beatrice**, Conferință: International Conference on Numerical Analysis and Applied Mathematics (ICNAAM), Rhodes, Greece, Date: Sep 13-18, 2018, Sponsor(s): European Soc Computat Methods Sci & Engn, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM-2018), Book Series: AIP Conference Proceedings, Vol: 2116, Article Number: 370002, DOI: 10.1063/1.5114375, Publicat: 2019.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000521108600362>

- 3) *WebGIS Solution for Urban Planning Strategies*, Autori: Grecea, C; Herban, S, **Vilceanu, CB**, World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS) 2016, Vol. 161, pp.1625-1630, DOI: 10.1016/j.proeng.2016.08.637.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000387566500251>

- 4) *Using LiDAR for Urban Green Space Monitoring*, Autori: **Vilceanu, Clara-Beatrice**; Herban, Sorin; Meng, Qingyan; et al., Conference: International Conference of Numerical Analysis and Applied Mathematics (ICNAAM) Location: Thessaloniki, Greece, Date: Sep 25-30, 2017, International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2017), Book Series: AIP Conference Proceedings, Vol: 1978, Article Number: 390010, DOI: 10.1063/1.5043994, Publicat: 2018.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000445105400313>

- 5) *Urban Green Space Monitoring technique with Remote Sensing and its application and urban green space index*, Autori: S. Herban, Q. Meng, **C.-B. Vilceanu**, Scientific Bulletin

of the Politehnica University of Timisoara, Transaction of Hydrotechnics, Vol. 62 (76), Issue 2, 2017, pp. 23-27.

https://www.ct.upt.ro/buletinhidro/2017-2/0005Herban_Meng_etc_FINAL.pdf

- 6) *Targeting Displacements' Monitoring of Constructions through Mathematical Methods*, Autori: Tesila, R; Rusu, G; **Vilceanu, B**; Alionescu, A, International Conference on Numerical Analysis and Applied Mathematics (ICNAAM) 2016,| Proceedings of the International Conference on Numerical Analysis and Applied Mathematics 2015 (ICNAAM-2015), Vol. 1738, DOI: 10.1063/1.4952133, Publicat: 2016.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000380803300360>

- 7) *Structure settlements analysis highlighted by topographic and geotechnical studies*, Autori: **Vilceanu, C. B.**; Alionescu, A.; Herban, S., Conference: 17th International Technical-Scientific Conference on Modern Technologies for the 3rd Millennium Location: Oradea, ROMANIA Date: MAR 22-23, 2018, Modern Technologies for the 3rd Millennium, pp. 123-128, WOS:000491484600022, Publicat: 2018.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000491484600022>

- 8) *Mathematic Interpolation Methods - Support for an Efficient 3D Modeling of Landslides in the Context of Displacements Monitoring*, Autori: Alionescu, A; Herban, IS; **Vilceanu, CB**; Musat, CC, Conferința: International Conference on Numerical Analysis and Applied Mathematics (ICNAAM) 2015, Proceedings of the International Conference on Numerical Analysis and Applied Mathematics, Vol: 1648, DOI: 10.1063/1.4912897, Publicat: 2015.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000355339704032>

- 9) *Opportunities and Challenges in Higher Education System: Knowledge Transfer by e-Learning vs. Traditional Methods*, Autori: **Vilceanu, Clara-Beatrice**; Grecea, Carmen; Herban, Sorin, Conferința: 14th International Scientific Conference on eLearning and Software for Education - eLearning Challenges and New Horizons, București, Romania, Apr 19-20, 2018, Sponsor(s): Romanian Adv Distributed Learning Assoc; Univ Natl Aparare Carol I; European Secur & Def Coll; Romania Partnership Ctr, Elearning Challenges and New Horizons, Vol 4, Book Series: eLearning and Software for Education, pp. 253-258, DOI: 10.12753/2066-026X-18-250, Publicat: 2018.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000468620000036>

10) *Cultural Heritage Modeling Potential Highlighted by e-Learning Resources*, Autori: **Vilceanu, Clara-Beatrice**; Herban, Sorin; Banescu, Oana Andreea, Conferința: 14th International Scientific Conference on eLearning and Software for Education - eLearning Challenges and New Horizons, București, Romania, Apr 19-20, 2018, Sponsor(s): Romanian Adv Distributed Learning Assoc; Univ Natl Aparare Carol I; European Secur & Def Coll; Romania Partnership Ctr, Elearning Challenges and New Horizons, Vol 4, Book Series: eLearning and Software for Education, Pages: 476-483, DOI: 10.12753/2066-026X-18-282, Publicat: 2018.

<https://www.webofscience.com/wos/woscc/full-record/WOS:000468620000068>