

**LISTA DE LUCRĂRI**  
**Dr. Ing. Elisabeta ZAGAN**

**4.a) Lista de lucrări (maximum 10 lucrări):**

1. Zagan Elisabeta, Danubianu Mirela, "Data Lake Architecture for Storing and Transforming Web Server Access Log Files," in IEEE Access, vol. 11, pp. 40916-40929, 2023, Factor de impact: 3.9, doi:10.1109/ACCESS.2023.3270368
2. Zagan Elisabeta, Danubianu Mirela, "From Data Warehouse to a New Trend in Data Architectures - Data Lake", International Journal of Computer Science and Network Security, vol. 19, No. 3, pp. 30-35, 2019
3. Zagan Elisabeta, Danubianu Mirela, "HADOOP: A Comparative Study between Single-Node and Multi-Node Cluster", International Journal of Advanced Computer Science and Applications (IJACSA), vol. 12, Issue 2, 2021, Factor de impact: 0.9, doi:10.14569/IJACSA.2021.0120207
4. Zagan Elisabeta, Danubianu Mirela, "Data Lake Approaches: A Survey", International Conference on Development and Application Systems (DAS), 21-23 mai, 2020, Suceava, România, pp. 189-193, doi:10.1109/DAS49615.2020.9108912
5. Zagan Elisabeta, Danubianu Mirela, "Cloud DATA LAKE: the new trend of data storage", 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, 11-13 iunie, 2021, Ankara, Turcia, doi:10.1109/HORA52670.2021.9461293
6. Zagan Elisabeta, Danubianu Mirela, "ADLS Gen2 for web server log data analysis", 2022 International Conference on Development and Application Systems (DAS), 26-28 mai, 2022, Suceava, România, pp. 161-166, doi:10.1109/DAS54948.2022.9786071
7. Zagan Elisabeta, Danubianu Mirela, "Data block saving policy in the Hadoop Architecture", 16th International Conference on European Integration - Realities and Perspectives, Danubius University, 14-15 mai, 2021, Galați, România

**4.b) Teza sau tezele de doctorat:**

1. Zagan Elisabeta, "Contribuții privind procesele de ingestie, stocare și transforma-re a datelor în arhitecturi Data Lake", conducător științific: conf. univ. dr. ing. Danubianu Mirela, teză de doctorat susținută public în data de 21/07/2023.

**4.d) Cărți și capitole în cărți:**

1. Zagan Elisabeta, "Contribuții privind procesele de ingestie, stocare și transformare a datelor în arhitecturi Data Lake", ISBN: 978-973-666-796-1, Editura Universității "Ștefan cel Mare" Suceava, 2024.

**4.e) Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal:**

1. Zagan Elisabeta, Danubianu Mirela, "Data Lake Architecture for Storing and Transforming Web Server Access Log Files," in IEEE Access, vol. 11, pp. 40916-40929, 2023, Factor de impact: 3.9, doi:10.1109/ACCESS.2023.3270368
2. Zagan Elisabeta, Danubianu Mirela, "From Data Warehouse to a New Trend in Data Architectures - Data Lake", International Journal of Computer Science and Network Security, vol. 19, No. 3, pp. 30-35, 2019
3. Zagan Elisabeta, Danubianu Mirela, "HADOOP: A Comparative Study between Single-Node and Multi-Node Cluster", International Journal of Advanced Computer Science and Applications (IJACSA), vol. 12, Issue 2, 2021, Factor de impact: 0.9, doi:10.14569/IJACSA.2021.0120207

**4.f) Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de Specialitate:**

1. Zagan Elisabeta, Danubianu Mirela, "Data Lake Approaches: A Survey", International Conference on Development and Application Systems (DAS), 21-23 mai, 2020, Suceava, România, pp. 189-193, doi:10.1109/DAS49615.2020.9108912
2. Zagan Elisabeta, Danubianu Mirela, "Cloud DATA LAKE: the new trend of data storage", 3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, 11-13 iunie, 2021, Ankara, Turcia, doi:10.1109/HORA52670.2021.9461293
3. Zagan Elisabeta, Danubianu Mirela, "ADLS Gen2 for web server log data analysis", 2022 International Conference on Development and Application Systems (DAS), 26-28 mai, 2022, Suceava, România, pp. 161-166, doi:10.1109/DAS54948.2022.9786071

**4.g) Alte lucrări și contribuții științifice sau, după caz, din domeniul creației artistice:**

1. Zagan Elisabeta, Danubianu Mirela, "Data block saving policy in the Hadoop Architecture", 16th International Conference on European Integration - Realities and Perspectives, Danubius University, 14-15 mai, 2021, Galați, România

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Dr. ing. Zagan Elisabeta

