

MARCOIE NICOLAE

LISTA LUCRĂRILOR ȘTIINȚIFICE RELEVANTE

- 1. Marcoie N.**, Chihaița Ș., Barta A.I., Toma D., Boboc V., Balan M.G., Balan C.D., Nechita M.T., *Half a Century of Civil Engineering in the Bahlui River Hydrographic System: The Unexpected Journey from Gray Structures to Hybrid Resilience*, Hydrology, Volume 13, Issue 1, Pages 1-24, eISSN 2306-5338, DOI: doi.org/10.3390/hydrology13010015, 2026
- 2. Pitulac O.**, Chirilă C., Stătescu F., **Marcoie N.**, *GIS-Based Assessment of Photovoltaic and Green Roof Potential in Iasi, Romania*, Applied Sciences-Basel, Volume 15, Issue 19, Pages 1-22, eISSN 2076-3417, DOI: 10.3390/app151910786, WOS: 001593472600001, 2025
- 3. Marcoie N.**, Toma I.O., Chihaița Ș., Hrănciuc T.A., Toma D., Balan C.D., Drăgoi E.N., Nechita M.T., *Anthropogenic River Segmentation Case Study: Bahlui River from Romania*, Hydrology, Volume 12, Issue 9, Pages 1-23, eISSN 2306-5338, DOI: 10.3390/hydrology12090224, WOS: 001579979600001, 2025
- 4. Marcoie N.**, Toacă D., Toma D., Boboc V., Hrănciuc T.A., Mitroi R., *The impact of the embankment and the recreational lake on capturing front with drilling wells*, Conference Computational Civil Engineering CCE2023, Iasi, Romania, IOP Conf. Series: Materials Science and Engineering, 1304, Pages 1-11, DOI: 10.1088/1757-899X/1304/1/012030, 2024
- 5. Marcoie N.**, Chihaița S., Hrănciuc T.A., Balan C.D., Drăgoi E.N., Nechita M.T., *Linking nutrient dynamics with urbanization degree and flood control reservoirs on the Bahlui river*, Water, Volume 16, Issue 10, Pages 1-24, eISSN 2073-4441, DOI: 10.3390/w16101322, WOS: 001231476500001, 2024

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7. **Marcoie N.**, Toma D., Boboc V., Hrănciuc T.A., Balan C.D., *Hydroinformatics tools used to quantify the impact of urban expansion on water bodies, in the context of the intensification of extreme phenomena (Bacău urbanization case study)*, 14th International Conference on Hydroinformatics - HIC 2022, Bucharest, Romania, 4-8 July 2022, IOP Conf. Series: Earth and Environmental Science, 1136, Pages 1-6, DOI: 10.1088/1755-1315/1136/1/012015, 2023
8. Hrănciuc T.A., **Marcoie N.**, Balan C.D., *Determination of the flood defense embankment elevation crown, using advanced hydrodynamic modeling*, Environmental Engineering and Management Journal EEMJ, Volume 20, Issue 3, Pages 467-478, ISSN 1582-9596, WOS: 000637746900015, 2021
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