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Anexa 5

Lista de publicații

Nume prenume: BOGDAN P. Petruț - Liviu
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Conducător de doctorat: Prof. univ. dr. ing. Dr. h. c. Valentin NEDEFF

Articole publicate în reviste cotate ISI:

1. **Bogdan Petrut-Liviu**, Nedeff Valentin, Panainte-Lehadus Mirela. Chitimuș Dana, Barsan Narcis, Nedeff Florin Marian - *Delineation of Groundwater Potential Zones Using Geospatial Techniques. Case Study: Roman City and the Surrounding Area in the Northeastern Region, Romania. Water* **2024**, *16*, 3013. https://doi.org/10.3390/w16213013.

2. **Petrut-Liviu Bogdan**, Valentin Nedeff, Mirela Panainte-Lehadus, Narcis Barsan, Florin Marian Nedeff, Diana Carmen Mirila, *Hydrochemical analysis of a shallow alluvial aquifer between the Siret and Moldova rivers,* Scientific Study & Research. Chemistry & Chemical Engineering, Biotechnology, Food Industry; Bacau Vol. 26, Iss. 4, (2025): 495-507 https://doi.org/10.29081/ChIBA.2025.663.

Articole publicate în reviste științifice indexate în baze de date internaționale (BDI)

1. Niga, Ionuț Bogdan, Covaci Ovidiu, Gazda Robert, Bogdan Liviu, Bădăluță,Gheorghe, Istrate Diana, *Modeling peak discharge on the Siret River (Romania),* Forum Geografic. Studii și cercetări de geografie și protecția mediului, Vol. XXIII, Issue 1, 2024, pp. 44–53., https://doi.org/10.5775/fg.2024.1.3627.

Articole publicate PROCEEDINGS

1. **Petrut-Liviu Bogdan,** Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Dana Chitimus, Florin Marian Nedeff., Applications of the GIS and Remote Sensing methods in the Land use and cover maps. Case study: Roman city and the surroundings of the Northern side area, 2022 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2022, pp. 1-5., doi: 10.1109/EEAE53789.2022.9831397.

2. **Petrut-Liviu Bogdan**, Valentin Nedeff, Mirela Panainte-Lehadus, Oana Irimia, Emilian Mosnegutu -*Integrated Assessment of Groundwater Quality: A Case Study of the Roman City and its Northern Surroundings,* 2024 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2024, pp. 1-7, doi: 10.1109/EEAE60309.2024.10600508.

Conferințe internaționale:

1. Plenary presentation at The 16th International Conference of OPROTEH, May 25-27, 2021, Bacău: **Petrut Liviu Bogdan**, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Emilian Mosnegutu, Dana Chitimus , -*Applications of the GIS and remote sensing methods in the Land use and cover maps. case study: Roman city and the surroundings of the north side area.*

2. **Petruț-Liviu Bogdan**, Valentin Nedeff, Narcis Bârsan, Mirela Panainte-Lehăduș, Dana Chițimuș, Florin Nedeff, Claudia Tomozei, Robert Gazda - *Delineation of groundwater potential zones using geospatial techniques.Case study: Roman city and the surroundings of the Northern side area The 18th International Conference poster, OPROTEH 2023, Bacău, Romania.*

3. **Petrut-Liviu Bogdan**, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Dana Chitimus, Florin Marian Nedeff, Diana Carmen Mirila, Emilian Mosnegutu, Claudia Tomozei -*Estimating groundwater level in Roman city and northern counties using geostatistical methods: ordinary kriging and semivariograms,* abstract,OPROTEH 2025, Bacău, Romania.

4. **Petrut-Liviu Bogdan**, Valentin Nedeff, Narcis Barsan, Mirela Panainte-Lehadus, Dana Chitimus, Florin Marian Nedeff., *Applications of the GIS and Remote Sensing methods in the Land use and cover maps. Case study: Roman city and the surroundings of the Northern side area*, participare, 8th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2022

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5. **Petrut-Liviu Bogdan**, Valentin Nedeff, Mirela Panainte-Lehadus, Oana Irimia, Emilian Mosnegutu -*Integrated Assessment of Groundwater Quality: A Case Study of the Roman City and its Northern Surroundings*, participare, 9th International Conference on Energy Efficiency and Agricultural Engineering (EE&AE), Ruse, Bulgaria, 2024.

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