

LISTA LUCRĂRI CANDIDAT

Drd.ing. Bacalu Rus Snejana Denisa

ARTICOLE INDEXATE ISI

REVISTA INDEXATĂ ISI

- **Denisa BACALU-RUS**, Lucian COPOLOVICI, Dana COPOLOVICI, Ioan BOTH, Maria MIHĂILESCU, *Structural analysis of sludge from the Arad wastewater treatment plant: reducing quantity and enhancing its potential as fertilizer*, Scientific Papers Land Reclamation, Earth Observation & Surveying, Environmental Engineering, Series E, Volume XIV, 2025.

CONFERINȚE INDEXATE ISI

- **Denisa Bacalu Rus**, Ioan Both, Dana Copolovici, Lucian Copolovici, Flavia Borteș, Andreea Lupitu - *Effect of Sewage Sludge Application on the Physiological and Biochemical Responses of Cichorium intybus Grown in Amended Soil* , 3rd International Conference on Computers in Natural Sciences, Biomedicine and Engineering London, UK, August 11-13, 2025, www.comconf.org

REVISTE DE SPECIALITATE

ARTICOLE DE SPECIALITATE BDI

- Laura ȘMULEAC, **Snejana Bacalu-Rus**, Cristina Tulbure, A. Achim, R. Pașcalău, *Educational aspects in teaching waste water treatment procedures published*, Research Journal of Agricultural Science, 53 (2), 2021
- **Snejana Bacalu-Rus** , Laura Șmuleac, A. Ghiman, Cristina Tulbure. *Modern strategies for teaching environmental protection in high schools*. Research Journal of Agricultural Science, 53 (2), 2021

- Ioan Both, Ioan Marginean, **Snejana Bacalu-Rus**, Calin Ioan Birdean, *The behavior of steel beams with triangular welded hollow flange*, 27th Procedia Structural Integrity 47 (2023) 247–252, DOI 10.1016/j.prostr.2023.07.017.
- **Denisa Bacalu-Rus**, Ioan Both , Flavia Bortes , Andreea Lupitu , Dana Copolovici , Lucian Copolovici, *The Influence of Heavy Metals Contained in Sludge Used as Fertilizer for the Dahlia Variabilis Plant on Photosynthetic Traits*, Wseas Transactions On Environment And Development, 21:417-425, DOI:[10.37394/232015.2025.21.35](https://doi.org/10.37394/232015.2025.21.35), iulie 2024
- **Cărăbaș Snejana Denisa** , Lucian Copolovici, The fifth edition, *Effect of sewage sludge application on the physiological and biochemical responses of Cichorium intybus Grown in amended soil*, PhD Students days -may 22-24,2025 Arad, Romania
- **Denisa Bacalu-Rus**, Flavia Bortes, Andreea Lupitu, Dana Copolovici and Lucian Copolovici *Evaluating The Efficacy Of Sewage Sludge From Arad's Water Treatment Plant As A Sustainable Fertilizer For Dahlia Plant*-Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Romania,

CONFERINȚE NAȚIONALE ȘI INTERNAȚIONALE

- **Bacalu-Rus Snejana Denisa**, Both Ioan, *The water quality exiting the Arad sewage treatment plant*. Proceedings of RESEARCHWORLD International Conference, Prague, Czech Republic, 21th – 22th December, 2022
- Ioan Both, Ioan Marginean, **Snejana Bacalu-Rus**, Calin Ioan Birdean, *The behavior of steel beams with triangular welded hollow flange*, 27th International Conference on Fracture and Structural Integrity, Roma-Italy, February 2023
- **Denisa Bacalu-Rus**, Flavia Bortes, Andreea Lupitu, Dana Copolovici and Lucian Copolovici *Evaluating The Efficacy Of Sewage Sludge From Arad's Water Treatment Plant As A Sustainable Fertilizer For Dahlia Plant*-Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Romania, 2024
- **Cărăbaș Snejana Denisa** , Lucian Copolovici, The fifth edition, *Effect of sewage sludge application on the physiological and biochemical responses of Cichorium intybus Grown in amended soil*, PhD Students days -may 22-24,2025 Arad, Romania

- **Snejana Denisa Bacalu-Rus**, Dana Copolovici, Ioan Both, Maria Mihăilescu, Lucian Copolovici -*Structural Analysis Of Sludge From The Arad Wastewater Treatment Plant: Reducing Quantity And Enhancing Its Potential As Fertilizer*,The International Conference Agriculture of life, life for agriculture,June 6-8 2025 Bucharest Romania
- **Denisa Bacalu Rus-** *Effect of Sewage Sludge Application on the Physiological and Biochemical Responses of Cichorium intybus Grown in Amended Soil* , 3rd International Conference on Computers in Natural Sciences, Biomedicine and Engineering London, UK, August 11-13, 2025, www.comconf.org
- **Snejana Denisa Bacalu Rus-** *Răspunsul Cichorium intybus la amendarea cu nămol de epurare a solului: perspective fiziologice și biochimice*-Conferința Agromalim Arad 2025

BOOK OF ABSTRACT

- **Denisa Bacalu-Rus**, Flavia Bortes, Andreea Lupitu, Dana Copolovici and Lucian Copolovici *Evaluating The Efficacy Of Sewage Sludge From Arad's Water Treatment Plant As A Sustainable Fertilizer For Dahlia Plant*-Faculty of Food Engineering, Tourism and Environmental Protection, "Aurel Vlaicu" University, Romania, 2024, SECTION I Environmental Engineering and Environmental Science; Environmental Protection; Biodiversity; Health; Applied Biology.
- **Cărăbaș Snejana Denisa** , Lucian Copolovici, The fifth edition, *Effect of sewage sludge application on the physiological and biochemical responses of Cichorium intybus Grown in amended soil*, PhD Students days -may 22-24,2025 Arad, Romania

SIMPOZIOANE

- **Bacalu-Rus Snejana Denisa**, Sârb Ioan, Importanța etichetei ecologice, Simpozion Național-Educația pentru un mediu curat-Facultatea de Chimie aplicată și Știința Materialelor, 11 dec.2021, Editura Politehnică, București.

- **Bacalu-Rus Snejana Denisa**, Educația Ecologică prin intermediul Activităților Extrașcolare, 12th, International Symposium, vol. Environmental Protection and ecological, ISSN, Timișoara, 2019
- **Bacalu-Rus Snejana Denisa**, Agricultură Ecologică pentru un mediu sănătos, “Quality of products and services , Quality of Education, Quality of Enviromental” Timișoara, 2017.
- **Bacalu-Rus Snejana Denisa**, Importanța agriculturii ecologice, „Cercetăm, analizăm, experimentăm, aplicăm și comunicăm “ediția a VI-a, Editura ” Viața arădeană ” 2019, ISBN 978-973-161-245-8
- **Bacalu-Rus Snejana Denisa**, “ Schimbarile climatice” , masa rotunda națională-Împreună pentru un viitor verde –Ziua Pamântului, 2019, Dolj.

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- Bacalu-Rus Snejana Denisa, Un mediu natural curat, revista Mozaic, Arad, ISSN 1-2069-2544-2248-275X 2019
- Bacalu-Rus Snejana Denisa, Schimbările climatice și mediu , revista Mozaic, Arad, ISSN 1-2069-2544-2248-275X 2021
- Bacalu-Rus Snejana Denisa, Experimente de laborator-un pas spre viitor, revista Mozaic, Arad, ISSN 1-2069-2544-2248-275X 2022.