

## CARMEN-ANDREEA BĂDĂLUȚĂ

### Listă de lucrări științifice

**A) Lista celor maximum 10 lucrări considerate de candidat a fi cele mai relevante pentru realizările profesionale proprii**, care sunt incluse în format electronic în dosar și care se pot regăsi și în celelalte categorii de lucrări prevăzute de art.15 din Hotărârea nr.457/2011, modificată;

1. Iepure S., **Bădăluță C-A.**, Moldovan O.T., (2021) An annotated checklist of groundwater Cyclopoida and Harpacticoida (Crustacea, Copepoda) from Romania with notes on their distribution and ecology, *Subterranean Biology*, 41: 87-108, <https://doi.org/10.3897/subtbiol.41.72542> (IF=1.69<sup>1</sup>, Q2)
2. **Bădăluță, C-A.**, Mihăilă, D., Mihăilă D., Bădăluță, G., Bistricean, P.I., (2021), Stable isotopic and geochemical characterisation of precipitation and riverine waters in the Eastern Carpathians and links with large-scale drivers, chapter in *Stable Isotope Studies of the Water Cycle and Terrestrial Environments*, Geological Society, London, Special Publications, 507, <https://doi.org/10.1144/SP507-2020-154>. (IF=1,561)
3. **Bădăluță C-A.**, Perșoiu A., Ionita M., Pietrowska N., (2020) Stable isotopes in cave ice suggest summer temperatures in East-Central Europe are linked to Atlantic Multidecadal Oscillation variability, *Climate of the Past*, 16, 2445–2458, 2020, <https://doi.org/10.5194/cp-16-2445-2020> (IF=4.295, Q1)
4. Nagavciuc V., **Bădăluță, C.**, Ionita, M. (2020) The influence of the Carpathian Mountains on the variability of precipitation isotopes and the relationship with the large-scale atmospheric circulation, chapter in *Stable Isotope Studies of the Water Cycle and Terrestrial Environments*, Geological Society, London, Special Publications, 507, <https://doi.org/10.1144/SP507-2020-69> (IF=1,561)
5. Chiriță V., Matei, D., **Bădăluță C.** (2020) Urban built space versus green space in city zoning challenges. a cross study of the municipalities of Iasi and Suceava – Romania, *International Scientific Journal Acta Geobalcanica*, 6-4, 191-202, <https://doi.org/10.18509/AGB.2020.20>
6. Vystavna, Y., Schmidt, S.I., Kopáček, J., Hejzlara, J., Holko, L., Matiatos, I., Wassenaar, L.I., Persoiu, A., **Badaluta, C.A.**, Huneau, F. (2020) Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment, *Journal of Hydrology* 585, 124834, <https://doi.org/10.1016/j.jhydrol.2020.124834> (IF=5.722, Q1)
7. Nagavciuc V., **Bădăluță C.**, Ionita M. (2019) Tracing the Relationship between Precipitation and River Water in the Northern Carpathians Base on the Evaluation of Water Isotope Data, *Geosciences*, 9(5), 198; <https://doi.org/10.3390/geosciences9050198> (IF=2.076).

<sup>1</sup> Ierarhia revistelor în funcție de factorul de impact calculat de Clarivate Analytics, aferent anului publicării articolului (Q1 = primul sfert al fiecărui subdomeniu de cercetare – zonă roșie, Q2 = al doilea sfert al fiecărui subdomeniu – zonă galbenă).

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8. Bădăluță C., Perșoiu A., Ionita M., Nagavciuc V., Bistricean P. I. (2019) Stable H and O isotope-based investigation of moisture sources and their role in river and groundwater recharge in the NE Carpathian Mountains, East-Central Europe, *Isotopes in Environmental and Health Studies*, 55:2, 161-178, <https://doi.org/10.1080/10256016.2019.1588895> (IF=1,675, Q2)
9. Ioniță, M., Bădăluță, C., Scholz, P., Chelcea, S.M. (2018) Vanishing river ice cover in the lower part of the Danube basin – signs of a changing climate, *Scientific Reports* 8(7948) <https://doi.org/10.1038/s41598-018-26357-w> (IF=4,011, Q1)
10. Iepure S., Feurdean A. N., Bădăluță C., Nagavciuc V., Perșoiu A., (2016), Groundwater Copepods and Ostracods in Romania (Central-Eastern Europe): a distributional and endemism patterns approach, *Biological Journal of the Linnean Society*, 119(3), 593–608 <https://doi.org/10.1111/bij.12686> (IF=2,288, Q2)

**b) Teza de doctorat:**

Titlul tezei: *Reconstituirea temperaturii aerului din ultimii 1000 de ani pe baza analizei izotopilor stabili din depozitele de gheață din peșterile din Munții Apuseni, România.*  
 Coordonator: Prof. univ.dr. Maria Rădoane. Teza a fost susținută public la data de 26.09.2019 la Universitatea Ștefan cel Mare din Suceava.

**c) Brevete de invenție și alte titluri de proprietate industrială;**

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**d) Cărți și capitole în cărți;**

1. Bădăluță, C., Mihăilă, D., Mihăilă D., Bădăluță, G., Bistricean, P.I., (2021), Stable isotopic and geochemical characterisation of precipitation and riverine waters in the Eastern Carpathians and links with large-scale drivers, chapter in *Stable Isotope Studies of the Water Cycle and Terrestrial Environments*, Geological Society, London, Special Publications, 507, <https://doi.org/10.1144/SP507-2020-154>.
2. Nagavciuc V., Bădăluță, C., Ionita, M. (2020) The influence of the Carpathian Mountains on the variability of precipitation isotopes and the relationship with the large-scale atmospheric circulation, chapter in *Stable Isotope Studies of the Water Cycle and Terrestrial Environments*, Geological Society, London, Special Publications, 507, <https://doi.org/10.1144/SP507-2020-69>
3. Brad, T. Bădăluță C. - A., Perșoiu, A. (2018) Ice caves in Romania, capitol in *Ice Caves*, 1st Edition, Elsevier, ISBN: 9780128117392, <https://doi.org/10.1016/B978-0-12-811739-2.00025-5>.

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

1. Iepure S., Bădăluță C-A., Moldovan O.T., (2021) An annotated checklist of groundwater Cyclopoida and Harpacticoida (Crustacea, Copepoda) from Romania with notes on their

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distribution and ecology, *Subterranean Biology*, 41: 87-108, <https://doi.org/10.3897/subtbiol.41.72542> (IF=1.69<sup>2</sup>, Q2)

2. **Bădăluță C.-A.**, Perșoiu A., Ionita M., Pietrowska N., (2020) Stable isotopes in cave ice suggest summer temperatures in East-Central Europe are linked to Atlantic Multidecadal Oscillation variability, *Climate of the Past*, 16, 2445–2458, 2020, <https://doi.org/10.5194/cp-16-2445-2020> (IF=4.295, Q1)
3. Chiriță V., Matei, D., **Bădăluță C.** (2020) Urban built space versus green space in city zoning challenges. a cross study of the municipalities of Iasi and Suceava – Romania, *International Scientific Journal Acta Geobalcanica*, 6-4, 191-202, <https://doi.org/10.18509/AGB.2020.20>
4. Vystavna, Y., Schmidt, S.I., Kopáček, J., Hejzlara, J., Holko, L., Matiatos, I., Wassenaar, L.I., Persoiu, A., **Badaluta, C.A.**, Huneau, F. (2020) Small-scale chemical and isotopic variability of hydrological pathways in a mountain lake catchment, *Journal of Hydrology* 585, 124834, <https://doi.org/10.1016/j.jhydrol.2020.124834> (IF=5.722, Q1)
5. Nagavciuc V., **Bădăluță C.**, Ionita M. (2019) Tracing the Relationship between Precipitation and River Water in the Northern Carpathians Base on the Evaluation of Water Isotope Data, *Geosciences*, 9(5), 198; <https://doi.org/10.3390/geosciences9050198> (IF=2.076).
6. **Bădăluță C.**, Perșoiu A., Ionita M., Nagavciuc V., Bistricean P. I. (2019) Stable H and O isotope-based investigation of moisture sources and their role in river and groundwater recharge in the NE Carpathian Mountains, East-Central Europe, *Isotopes in Environmental and Health Studies*, 55:2, 161-178, <https://doi.org/10.1080/10256016.2019.1588895> (IF=1,675, Q2)
7. Ioniță, M., **Bădăluță, C.**, Scholz, P., Chelcea, S.M. (2018) Vanishing river ice cover in the lower part of the Danube basin – signs of a changing climate, *Scientific Reports* 8(7948) <https://doi.org/10.1038/s41598-018-26357-w> (IF=4,011, Q1)
8. Iepure S., Feurdean A. N., **Bădăluță C.**, Nagavciuc V., Perșoiu A., (2016), Groundwater Copepods and Ostracods in Romania (Central-Eastern Europe): a distributional and endemism patterns approach, *Biological Journal of the Linnean Society*, 119(3), 593–608 <https://doi.org/10.1111/bij.12686> (IF=2,288, Q2).

**f) Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate;**

1. **Bădăluță C.**, Ionita M., Bădăluță G. (2019) Severe winters during the Maunder Minimum and large scale drivers in Eastern Europe, *Georeview*, 29 (1), 1-11. <http://dx.doi.org/10.4316/GEOREVIEW.2019.29.1.386>, in volumul de lucrări a celei de a-III-a editie a Conferinței Internaționale Atmosfera și Hidrosfera.
2. Chiriță V., **Bădăluță C.**, Nagavciuc V., 2014 Dynamics of the structuring vectors of geographical landscapes. Case study: Soloneț basin, Suceava County, from 1772 to 2012 in

<sup>2</sup> Ierarhia revistelor în funcție de factorul de impact calculat de Clarivate Analytics, aferent anului publicării articolului (Q1 = primul sfert al fiecărui subdomeniu de cercetare – zonă roșie, Q2 = al doilea sfert al fiecărui subdomeniu – zonă galbenă).

Journal of Settlements and Spatial Planning, Volum Special Nr. 3, pp.39-46.  
[http://geografie.ubbcluj.ro/ccau/jssp/arhiva\\_si3\\_2014/06JSSPSI032014.pdf](http://geografie.ubbcluj.ro/ccau/jssp/arhiva_si3_2014/06JSSPSI032014.pdf)

3. **Bădăluță C.**, Bistricean P., Nagavciuc V., 2013 The land use analysis of the river basin Solonet by the GIS techniques for the time period 1856-2011, Georeview: : Annals of the Stefan cel Mare University, Geography Series, 23(2), 23-33.  
<http://dx.doi.org/10.4316/GEOREVIEW.2013.23.2.81> , in volumul de lucrări al Simpozionului International Calitatea Mediului si Utilizarea Terenurilor (EnQa\_LandUse2013)

## **G) Alte lucrări și contribuții științifice**

### **G1. Lucrări cotate BDI**

1. **Bădăluță, C.**, (2015) *Water stable isotopes distribution in the karst systems from Ocoale Plateau (Apuseni Mountains), Romania*, Georeview: : Annals of the Stefan cel Mare University, Geography Series, Vol.25, No. 1, 91-101, DOI: <http://dx.doi.org/10.4316/GEOREVIEW.2015.25.1.277>

### **G2. Lucrări susținute la conferințe internaționale**

**Bădăluță G., Bădăluță C., Mîndrescu M.**, Extreme events analysis based on documentary evidences in Romania. Study case - floods from 1865, Carpathian-Balkan Paleoscience Workshop 2021 (CBPW2021), 5-9 Octombrie 2021, Cârlibaba, Romania (poster)

**Bădăluță C., Perșoiu A., Bădăluță G.** Natural archives from the Eastern Carpathians: paleoclimatic insights for climate future projections, Forum Carpathicum 21-25.06.2021, Brno, Cehia (**prezentare orală-online**).

**Bădăluță C., Perșoiu A., Bădăluță G.** Climatic and hydroclimatic changes during the last two millennia in Carpathian Mountains. Of the International Symposium environmental Quality and Land Use, 04-06.06.2021, Vatra Dornei, Romania (**prezentare orală-online**).

**Bădăluță G., Bădăluță C., Mîndrescu M.** Frequency of extreme events in relation to climate changes. Of the International Symposium environmental Quality and Land Use, 04-06.06.2021, Vatra Dornei, Romania (**prezentare orală-online**).

**Bădăluță C., Perșoiu A.** Late Holocene climate variability in the Western Carpathians (East-Central Europe) reconstructed from ice cores records, European Geoscience Union General Assembly, 04-08.05.2021, Viena, Austria (**prezentare orală-online**).

**Bădăluță G., Bădăluță C., Ionita M., Mîndrescu M.**, Documentary evidence of historical floods in lowland Romania during the last millennium, European Geoscience Union General Assembly, 04-08.05.2021, Viena, Austria (**prezentare orală-online**).

**Bădăluță, C., Mihăilă, D., Mihăilă D., Bădăluță, G., Bistricean, P.I.** Isotopic and chemical fingerprint of rivers water from the Eastern Carpathians, The International Conference Atmosphere and Hydrosphere, 4th edition, 9-11.10.2020, Vatra Dornei, Romania (prezentare orală).

*G. Bădăluță*

Chiriță V., Matei, D., **Bădăluță C.** Urban built space versus green space in city zoning challenges. a cross study, of the municipalities of Iasi and Suceava – Romania, 6th International Scientific Conference GEOBALCANICA 12-13.05.2020, Ohrid, Macedonia (**prezentare orală**).

Bădăluță C., Ionita M., Bădăluță G., Incursions over time in the Carpatho – Danubian – Pontic space – from climate change to natural hazards and their impact on society, The International Symposium of Environmental Quality and Land Use, 17 – 19.05.2019, Suceava, Romania.

Bădăluță G., Perșoiu I. Bădăluță C., Channel planform dynamics of Black River in the recent period (1860 – 2018), The International Symposium of Environmental Quality and Land Use, 17 – 19.05.2019, Suceava, Romania.

**Bădăluță C.**, Perșoiu A., Ionita M., Piotrowska N., Summer temperature reconstructions based on cave ice deposit from the Carpathian Mountains, Central Europe, European Geoscience Union General Assembly, 07-12.04.2019, Viena, Austria. (**Highlight – Abstract highlighted by session conveners as being of public interest**) (**prezentare orală**)

Bădăluță G., **Bădăluță C.**, Ionita M. Harsh winters over the last two millennium in the eastern part of Europe, European Geoscience Union General Assembly, 07-12.04.2019, Viena, Austria (**Highlight – Abstract highlighted by session conveners as being of public interest**) (**Poster**).

Nagavciuc V., **Bădăluță C.**, Perșoiu A. Interaction between precipitation and river water in the Northern Carpathian Mountains, Romania, European Geoscience Union General Assembly, 07-12.04.2019, Viena, Austria (Poster).

Feher R., Aurel Perșoiu, **Bădăluță C.**, Nagavciuc V. Watch your samples before getting them in the analyzer – stable isotopes in water between precipitation and post-analysis processing, European Geoscience Union General Assembly, 7-12 April 2019, Vienna, Austria (**prezentare orală**).

Paun VI, Ițcuș C, Marin C, Perșoiu A, Lavin P, Hillebrand-Voiculescu A, Mondini A, **Bădăluță C.**, Dorador C, Purcarea C Chronosequence of active bacterial community from an alpine ice cave. POLAR2018 “Where the Poles come together” SCAR/IASC Open Science Conference, Davos, Elvetia, 19-23 June 2018 (prezentare orală).

**Bădăluță C.**, Perșoiu A., Ionita M., Piotrowska N. Summer climate changes during the last 1000 years as seen in cave ice, , VIII International Workshop on Ice Caves, 11-16 June 2018, Potes, Picos de Europa, Spain (prezentare orală).

Purcarea C., Ițcuș C., Păun VI., Marin C., Perșoiu A., Brad T, **Bădăluță C.**, et al. Searching for microbial biomarkers for past climate changes in Scărișoara Ice Cave, VIII International Workshop on Ice Caves, 11-16 June 2018, Potes, Picos de Europa, Spain (prezentare orală).

Bădăluță G., Bădăluță C. Environmental changes observed in a peat bog in the Suceava Plateau, Romania, 13th edition of International Symposium Present Environment & Sustainable Development, 01-03.06.2018, Iași, Romania (poster).

Persoiu, A., **Bădăluță C.**, Ioniță, M., Nagavciuc V., Bistricean P., Stable isotope investigation of groundwater recharge in the Carpathian Mountains, East-Central Europe European Geoscience Union General Assembly, 08-13.05.2018, Viena, Austria (prezentare orală).

**Bădăluță C.**, Ioniță M., Persoiu A., Bădăluță G., Historical climatology in Eastern Europe during the Little Ice Age, European Geoscience Union General Assembly, 08-13.05.2018, Viena, Austria (poster).

Ionita Scholz M., **Bădăluță C.**, River ice regime in the lower part of the Danube river: variability, drivers and trends over the last 180 years, European Geoscience Union General Assembly, 08-13.05.2018, Vienna, Austria (prezentare orală).

Purcarea, C., Itcus, C., Paun, VI, Marin, C., Persoiu, A., Hillebrand-Voiculescu A., Brad T., **Badaluta C.**, Lavin, P. A cave ice microbiom International Symposium on Cryosphere and Biosphere 2018, 14-19.03.2018, Kyoto, Japonia (prezentare orală)

**Bădăluță C.**, Persoiu A., Piotrowska N. Climatic signals recorded in Romanian Carpathians ice caves, XIVth Workshop of the European Society for Isotope Research, 25 – 29.06.20017, Băile Govora, Romania (poster).

**Bădăluță C.**, Nagavciuc V., Persoiu A Stable Isotopic Perspectives on Hydroclimatic Processes in Suceava River Basin, XIVth Workshop of the European Society for Isotope Research, 25 – 29.06.20017, Băile Govora, Romania (poster).

Persoiu A., **Bădăluță C.**, Nagavciuc V., Onaca A., Boengiu S., Murătoreanu G., Zainescu F., The Stable Isotopic Composition of Rivers in Romania, XIVth Workshop of the European Society for Isotope Research, 25 – 29.06.20017, Băile Govora, Romania (poster).

Persoiu A., Nagavciuc V., **Bădăluță C.**, Onaca A., Boengiu S., Murătoreanu G., Zainescu F., Stable Isotopic Composition of Precipitation in Romania, XIVth Workshop of the European Society for Isotope Research, 25 – 29.06.20017, Băile Govora, Romania (poster).

Bădăluță G., **Bădăluță C.**, Persoiu I. Origin and evolution of Northeastern Romania peat bogs, The XI-th International Symposium Environmental Quality and Land Use, 2-4 June, Suceava, Romania (poster).

**Bădăluță C.**, Persoiu A., Ersek V., Piotrowska N. Response of Eastern Carpathian ice caves to climate changes in last 1000 years, The XI-th International Symposium Environmental Quality and Land Use, 2-4 June, Suceava, Romania (prezentare orală).

**Bădăluță C.**, Ersek V., Piotrowska N. Persoiu A., O and C stable isotopes in cryogenic cave calcite (CCC) – possible proxy or past climate changes, European Geosciences Union General Assembly 2016, 23-28.04.2017, Viena, Austria (poster).

Persoiu A., **Bădăluță C.**, Interactions between surface waters in King George Island, Antarctica – a stable isotope perspective, European Geosciences Union General Assembly 2016, 23-28.04.2017 Vienna, Austria (poster).

Drăgușin V., Hoffmann D.L., Ersek V., Vereș D., Persoiu A., Nagavciuc V., **Bădăluță C.**, Tirla L., and Mirea I., A MIS 5e high-altitude speleothem  $\delta^{13}\text{C}$ - $\delta^{18}\text{O}$  record from the

Romanian Carpathians, Central and Eastern Europe Paleoscience Symposium: From Local to Global, 23 – 24.05.2016, Cluj-Napoca, Romania (prezentare orală).

Perşoiu A., **Bădăluță C.**, Onac B.P., Stable isotope in cave ice: tracking changes in moisture sources in eastern Europe, 7th International Workshop on Ice Caves, 16 – 22.05.2016, Postojna, Slovenia (prezentare orală).

**Bădăluță C.**, Perşoiu A., The climatic signal recorded in Scărișoara Ice Cave (Apuseni Mountains, Romania) during the last millennium, European Geosciences Union General Assembly 2016, 17-22.04.2016, Viena, Austria (poster).

Nagavciuc V., Popa I., Kern Z., Perşoiu A., **Bădăluță C.** Oxygen isotope composition of tree-rings and climate variability in Eastern Carpathians, Romania, International Scientific Conference on Dendrochronology Climate and Human History in the Mediterranean Basin, 18 – 23.10.2015, Antalya, Turcia (prezentare orală).

**Bădăluță C.** Distribution of stable isotopes composition in river waters from Romania – preliminary investigations, ESIR Workshop XIII, 20-24 September 2015, Zadar, Croatia (poster)

Nagavciuc V., **Bădăluță C.**, Perşoiu A., ” How does human perception influences the registration of hydric regime variability in historical documents”, International Conference ”Climate variability and human impacts in Central and Eastern Europe during the last two millennia, 17-19 June 2015, Gdansk, Poland (poster)

**Bădăluță, C.**, Bistricean, I.P., Nagavciuc, V. Favorability or the restrictiveness of the relief and vegetation in the expansion of human settlements. Study case: Soloneț basin between 1772 – 2011, The 10-th International Symposium Present Environment and Sustainable Development, 5-7.05.2015, Iași, Romania (prezentare orală);

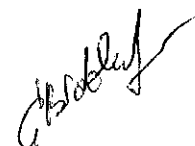
**Bădăluță, C.**, Nagavciuc, V., et. al., Stable isotope composition of well from Suceava River basin in the cold season, The 10-th International Symposium Environmental Quality and Land Use, 8-10.05, 2015, Suceava, Romania (prezentare orală).

**Bădăluță C.**, Nagavciuc V., Perşoiu A., Stable isotopic composition of bottled mineral waters from Romania, European Geosciences Union General Assembly 2015, 12-17.04. 2015, Viena, Austria. (poster)

Perşoiu A., Nagavciuc V., **Bădăluță C.** Stable isotope evidence for shifting Mediterranean climatic influences in Western Romania, East-Central Europe, European Geosciences Union General Assembly 2015, 12-17.04. 2015, Viena, Austria. (poster)

Nagavciuc V., **Bădăluță C.**, Perşoiu A., Temporal and spatial distributions of  $\delta^{18}O$  and  $\delta^2H$  in precipitation in Romania, European Geosciences Union General Assembly 2015, 12-17.04. 2015, Viena, Austria. (poster)

Perşoiu A., Nagavciuc V., **Bădăluță C.**, Stable isotope distribution in precipitation in Romania and its relevance for palaeoclimatic studies, European Geosciences Union General Assembly 2014, 2704– 02.05.2014, Viena, Austria (poster – Press and Media).



Nagavciuc V., **Bădăluță C.**, Perșoiu A. The role of geographical factors in determining the isotopic composition of precipitation in NW Romania 6th International Conference Air and Water - Components of Environment, 21 – 22.03.2014, Cluj, Romania.

**Bădăluță C.**, Nagavciuc V., Perșoiu A. Tracing the source of mineral waters in the Eastern Carpathians, Romania, using the stable isotopes of oxygen and hydrogen in water, 10th Applied Isotope Geochemistry Conference, 22 – 27.09.2013, Budapesta, Ungaria (poster).

Nagavciuc V., **Bădăluță C.**, Perșoiu A. Mapping the stable isotopes distribution in precipitation in NW Romania, 10th Applied Isotope Geochemistry Conference, 22 – 27.09.2013, Budapesta, Ungaria (poster).

**Bădăluță C.**, Bistricean P., Nagavciuc V. The land use analysis of the river basin Solonet by the GIS techniques for the time period 1856-2011, 9th International Symposium "Environmental Quality and Land Use", 31.05.-01.06.2013, Suceava, Romania (prezentare orală).

**Bădăluță C.**, Nagavciuc V. Climate of Focul Viu Cave and the correlation between the outside temperature and inside it, 4th International Student Symposium "Invitation to Geography in Bucovina", 25-27.05.2012, Suceava, Romania (prezentare orală)

Nagavciuc V., **Bădăluță C.** Climate Changes vs. Human perceptions, 4th International Student Symposium "Invitation to Geography in Bucovina", 25-27.05.2012, Suceava, Romania (prezentare orală)

Briciu A., Lazurcă L., Costan L. Nagavciuc V., **Badaluță C.**, Observation on the spatial variability of the Prut river discharges, 8th International Symposium "Environmental Quality and Land Use", 06-07.05. 2011, Suceava, Romania (prezentare orală)

## G2. Lucrări susținute la conferințe naționale

Stigleț DI., **Bădăluță C-A.**, Maței VI., Dinamica de locuire a comunităților umane din bazinul hidrografic al râului Volovăț, jud. Botoșani, Simpozionul Național Vasile Parvan, 7-8 Octombrie 2021, Bacau, (prezentare orală – online).

Păun VI., Icaza G., Lavin P., Marin C., Ițcuș C., Mondini A., Hillebrand-Voiculescu A., Haidău C., **Bădăluță C.**, Perșoiu A., Iancu L., Dorador C., Purcărea C. – "Ice microbiome and active bacterial communities from Scarisoara Cave", A 58-a Sesiune Anuală de Comunicări Științifice a Institutului de Biologie București, 12 Decembrie 2018, Institutul de Biologie, București (prezentare orală)

Paun VI, Icaza G, Lavin P, Persoiu A, Iancu L, Marin C, **Badaluta C**, Mondini A, Hillebrand-Voiculescu A, Haidau C, Dorador C, Purcarea C. Bacterial diversity in 13,000 years old ice from Scărișoara ice cave, Biospeleology and Theoretical and Applied Karstology Symposium. 27-30 September 2018, Baile Herculane (poster).

**Bădăluță C.**, Paleoclimatic reconstructions during the last 1000 years based on stable isotopes recorded in Scărișoara Ice Cave (Romania), Geography Conference GEOCONCEPT, 8 Aprilie, 2016, Suceava (prezentare orală).



**Bădăluță C.**, Nagavciuc V., Perșoiu A., Stable isotopes composition from water – a new method in climatology research. Study case – Scărișoara Ice Cave Climate, The Symposium of Applied Climatology I. F. Mihăilescu 17-19 August 2015, Constanța (prezentare orală).

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Data,

18.01.2022

Semnătura,

A handwritten signature in black ink, appearing to read 'C. Bădăluță', with a long horizontal stroke extending to the right.