
Preprints

- [9] **Climate signals in carbon and oxygen isotope ratios of *Pinus cembra* tree-ring cellulose from Călimani Mountains, Romania,**
Viorica Nagavciuc, Zoltán Kern, Monica Ionita, Claudia Hartl, Oliver Konter, Jan Esper, Ionel Popa
International Journal of Climatology -minor revision
- [8] **Stable isotopes in precipitation in Romanian - a first overall map,** *Perșoiu, A., Bojariu, R., Nagavciuc, V., Bădăluță, C.,*
Journal of Hydrology, in progress.

Publications in peer-reviewed journals

- [7] **Tracing the interactions between precipitation and river water in the Northern Carpathian Mountains Romania using stable isotope techniques,**
Nagavciuc V., Bădăluță C A, Ionita M., Perșoiu A,
2019, *Geoscience Journal* 9(5), 198; <https://doi.org/10.3390/geosciences9050198>
- [6] **Disentangling moisture sources in NE Carpathian Mountains, East - Central Europe, and their imprint on river and groundwater using the stable isotopes of oxygen and hydrogen,**
Bădăluță C A, Perșoiu A, Ionita M, Nagavciuc V, Bistricean P I.
2019, *Isotopes in Environmental & Health Studies Journal*;
- [5] **Comparison among MXD, BR and TRW tree rings chronology of *Pinus Sylvestris* from Eastern Carpathians Mts., Romania using daily and monthly climatic data,**
Nagavciuc V., Roibu CC, Mursa A., Popa I.,
2019, *Dendrochronologia*, 54, 56-63, <https://doi.org/10.1016/j.dendro.2019.02.007>
- [4] **Stable oxygen isotopes in Romanian oak tree rings record summer droughts and associated large-scale circulation patterns over Europe,**
Nagavciuc V., Perșoiu A., Ioniță M., Popa I., Loader N.J., McCarroll D.,
2018, *Climate Dynamics Journal*, doi.org/10.1007/s00382-018-4530-7;
- [3] **Aerial decay influence on the stable oxygen and carbon isotope ratios in tree ring cellulose,**
Nagavciuc V., Kern Z., Perșoiu A., Dóra K., Popa I.,
2018, *Dendrochronologia*, 49 (2018) 110-117, <https://doi.org/10.1016/j.dendro.2018.03.007>
- [2] **Transfer of environmental signals from surface to the underground at Ascunsă Cave, Romania,**
Drăgușin, V., Balan, S., Blamart, D., Forray, F. L., Marin, C., Mirea, I., Nagavciuc, V., Perșoiu, A., Tîrlă, L., Tudorache, A. and Vlaicu, M.
2017, *Hydrol. Earth Syst. Sci.*, 21, 5357–5373, [doi:10.5194/hess-2016-625](https://doi.org/10.5194/hess-2016-625).
- [1] **Pattern of richness and distribution of groundwater Copepoda (Cyclopoida: Harpacticoida) and Ostracoda in Romania: an evolutionary perspective,**
Iepure, S., Feurdean, A. N., Bădăluță, C., Nagavciuc, V., Perșoiu, A
2015, *Biological Journal of the Linnean Society*; DOI:10.1111/bij.12686, Impact Factor 2.26. 2016, 119, 593–608

Publications in nonpeer-reviewed journals

- [4] **Potențialul izotopilor stabili în cercetări dendroclimatologice,**
Nagavciuc, V.,
2015, *Revista de Silvicultură și Cinegetică*, nr 37/2015, 33-37. http://progresulsilvic.ro/wp-content/uploads/RSC_37_2015.pdf
- [3] **Dynamics of the Structuring Vectors of Geographical Landscapes in Bucovina, Romania,**
Chiriță, V., Bădăluță, C., Nagavciuc, V.,

- 2014, Journal of Settlements and Spatial Planning, 5(3): 39-46
- [2] **Using GIS techniques in the analysis of land use in the Soloneț river catchment between 1856 and 2011,**
Bădăluță, C.A., Bistricean, P.I., **Nagavciuc, V.**,
2013, GEOREVIEW, Scientific Annals of Ștefan cel Mare University of Suceava. Geography Series, 23 (2): 23-33.
- [1] **Observations on the spatial variability of the Prut river discharges,**
Briciu, A.E., Mihăilă, D., Lazurcă, L.G., Costan, L.A., **Nagavciuc, V.**, Bădăluță, C.A.,
2011, Scientific Annals of the Ștefan cel Mare University, Suceava, Romania, 20 (1):45-56