

## Criterii de performanță în cercetarea științifică

### 1.4. Monografiile editate într-o editură consacrată din străinătate

1. Trinkaus, E., Constantin, S. and Zilhão, J. (Eds.), 2012 – *Life and Death at the Pesteria cu Oase. A Setting for Modern Human Emergence in Europe*. Oxford University Press USA, 438 p. ISBN: 978-0-19-539822-9.

2. Ginés, A., Ginés, J., Gómez-Pujol, L., Onac, B.P., Fornós, J.J. (eds.) 2012: *Mallorca: a Mediterranean benchmark for Quaternary studies*. Monografies de la Societat d'Història Natural de les Balers, 18, 219 p. – nu a fost punctată

### 1. 14. Lucrări științifice publicate în reviste de specialitate cotate ISI cu F.I.

Nr. Crt	Anul	Lucrarea	Factor Impact	(1+FI) <sub>x</sub> (N <sub>ic</sub> /N <sub>a</sub> )	FI x (N <sub>ic</sub> /N <sub>a</sub> )
1	2012	Andreescu I., Codrea V., Lubenescu V., Munteanu T., <b>Petculescu A.</b> , <b>Stiuca E.</b> , Terzea E.– New developments in Upper Pliocene-Pleistocene stratigraphic units of the Dacian Basin (Eastern Parathetys), Romania. <i>Quaternary International</i> <a href="http://dx.doi.org/10.1016/j.quaint.2012.02.009">http://dx.doi.org/10.1016/j.quaint.2012.02.009</a>	1.874	0.821	0.535
2.		Braun, M., Hubay, K., Magyari, E., <b>Vereș, D.</b> , Papp, I., Balint, M. – Using linear discriminant analysis (LDA) of bulk lake sediment geochemical data to reconstruct lateglacial climate changes in the South Carpathian Mountains. <i>Quaternary Internat.</i> (doi: 0.1016/j.quaint.2012.03.025).	1.874	0.479	0.312
3.		Constantin, D., Timar-Gabor, A., <b>Vereș, D.</b> , Begy, R., Cosma, C. – SAR-OSL dating of different grain-sized quartz extracted from a sedimentary section in southern Romania interbedding the Campanian Ignimbrite/Y5 ash layer. <i>Quaternary Geochronology</i> , <b>10</b> : 81-86.	3.083	0.816	0.617
4.		<b>Feurdean, A.</b> , Magyari, E.K., Willis, K.J., Spessa, A., <b>Vereș, D.</b> , Hikler, T.– Trends in biomass burning in the Carpathian region over the last 15,000 years. <i>Quaternary Science Reviews</i> , <b>45</b> :111-125	3.973	1.641	1.311
5.		<b>Feurdean, A.</b> , <b>Tămaș, T.</b> , Tanțău, I., Fărcaș, S.–Elevational variation in regional vegetation responses to late-glacial climate changes in the Carpathians. <i>Journal of Biogeography</i> <b>39</b> : 258-271.	4.544	2.772	2.272
6.		<b>Geantă, A.</b> , Tanțău, I., <b>Tămaș, T.</b> , Johnston, V.E. –Palaeoenvironmental information from the palynology of an	1.644	1.983	1.233

	800year old bat guano deposit from Măgurici Cave, NW Transylvania (Romania). <i>Review of Palaeobotany and Palynology</i> , <b>174</b> : 57-66.			
7.	<b>Iepure, S.</b> , Namiotko, T., Valdecasas, A., Magyari, E.– Exceptionally well-preserved giant spermatozoa in males and females of <i>Cypria ophthalmica</i> (Ostracoda: Candonidae) from Late Glacial lacustrine sediments of Southern Carpathians, Romania, <i>Naturwissenschaften</i> , <b>99</b> (7): 587-590.	2.278	0.819	0.569
8.	Jouve, G., Francuș, P., Lamoureux, S., Provencher-Noleta, L., Hahn, A., Haberzettl, T., Fortin, D., Nuttina, L. and <b>Vereș, D.</b> – Microsedimentological characterization using image analysis and $\mu$ -XRF as indicators of sedimentary processes and climate changes during Lateglacial at Laguna Potrok Aike, Santa Cruz, Argentina. <i>Quatern Science Rev.</i> , <a href="http://dx.doi.org/10.1016/j.quascirev.2012.06.003">http://dx.doi.org/10.1016/j.quascirev.2012.06.003</a> .	3.973	0.552	0.441
9.	Kliem, P., Enters, D., Hahn, A., Ohlendorf, C., Lisé-Pronovost, A., St-Onge, G., Wastegård, S., Zolitschka, B. and <b>Vereș, D.</b> – Lithology, radiocarbon chronology and sedimentological interpretation of the lacustrine record from Laguna Potrok Aike, southern Patagonia. <i>Quatern. Sc. Rev.</i> , <a href="http://dx.doi.org/10.1016/j.quascirev.2012.07.019">http://dx.doi.org/10.1016/j.quascirev.2012.07.019</a> .	3.973	0.552	0.441
10.	Kliem, P., Buylaert, J.-P., Hahn, A., Mayr, C., Murray A., Ohlendorf, C., <b>Vereș, D.</b> , Wastegård, S., Zolitschka, B. – Magnitude, geomorphologic response and climate links of lake level oscillations at Laguna Potrok Aike, Patagonian steppe (Argentina). <i>Quaternary Science Reviews</i> <a href="http://dx.doi.org/10.1016/j.quascirev.2012.08.023">http://dx.doi.org/10.1016/j.quascirev.2012.08.023</a>	3.973	0.552	0.441
11.	Lisé-Pronovost, A., St-Onge, G., Gogorza, C., Haberzettl, T., Preda, M., Francus P., Zolitschka, B. and <b>Vereș, D.</b> – High-resolution paleomagnetic secular variation and relative paleointensity since the Late Pleistocene in Southern South America. <i>Quat. Sc. Rev.</i> , <a href="http://dx.doi.org/10.1016/j.quascirev.2012.05.012">http://dx.doi.org/10.1016/j.quascirev.2012.05.012</a> .	3.973	0.622	0.497
12.	Magyari, E., Buczkó, K., Vennemann, T., Kern, Z., Fórizs, I., Demény, A., Braun, M., <b>Vereș, D.</b> – A 14,000-year diatom oxygen isotope record shows centennial to millennial climatic variability in the South Carpathians (Romania) linked with solar activity changes. <i>Quatern. International</i> , (doi:10.1016/j.quaint.2012.05.042).	1.874	0.359	0.234

13.	<b>Meleg, I. N., Fiers, F., Robu, M., Moldovan, O. T.</b> – Distribution patterns of subsurface copepods and the impact of environmental parameters. <i>Limnologica</i> , <b>42</b> : 156-164	1.527	2.843	1.718
14.	<b>Moldovan, O.T., Meleg, I.N., Persoiu, A.</b> –Habitat fragmentation and its effects on groundwater populations. <i>Ecohydrology</i> , <b>5</b> : 445-452.	2.133	2.068	1.408
15.	<b>Munteanu, C.M., Giurginca, A., Giurginca, M., Panaiotu, C.G. &amp; Niculescu, G.</b> – Potentially toxic metals concentrations in soils and cave sediments from karst areas of Mehedinți and Gorj counties (Romania). <i>Carpathian Journal of Earth and Environmental Sciences</i> , <b>7(1)</b> :193-20	1.450	0.98	0.58
16.	Parrenin, F., Barker, S., Blunier, T., Chappellaz, J., Masson-Delmotte, V., Jouzel, J., Landais, A., Schwander, J., <b>Vereş, D.</b> – On the gas-ice depth difference ( $\Delta$ depth) at EPICA Dome C. <i>Climate of the Past</i> , <b>8</b> : 1239–1255.	3.509	0.501	0.39
17.	Parrenin, F., Petit, J.-R., Masson-Delmotte, V., Basile-Doelsch, I., Jouzel, J., Lipenkov, V., Rasmussen, S., Schwander, J., Severi, M., Udisti, R., <b>Vereş, D.</b> , Vinther, B., Wolff, E. – Volcanic synchronisation between the EPICA Dome C and Vostok ice cores (Antarctica) 0-145 kyr BP. <i>Climate of the Past</i> , <b>8</b> :1031-1045.	3.509	0.347	0.27
18	<b>Plăiaşu, R., Băncilă, R.,</b> Samoilă, C., Hartel, T., Cogălniceanu, D. – Waterbody availability and use by amphibian communities in a rural landscape. <i>Herpetological Journal</i> , <b>22</b> : 13–21.	0.661	0.997	0.264
19.	Recasens, C., Ariztegui, D., Gebhardt, C., Gogorza, C., Haberzettl, T., Hahn, A., Kliem, P., Lisé-Pronovost, A., Lücke, A., Maidana, N., Mayr, C., Ohlendorf, C., Schäbitz, F., St-Onge, G., Wille, M., Zolitschka, B. and <b>Vereş, D.</b> – Multiproxy paleolimnological record of Laguna Potrok Aike, Southern Patagonia (Argentina), since the Late Pleistocene. <i>The Holocene</i> , ( <a href="http://dx.doi.org/10.1177/0959683611429833">http://dx.doi.org/10.1177/0959683611429833</a> ).	2.595	0.211	0.153
20.	Rîmbu, N., <b>Onac, B.P., Racoviţă, G.</b> – Large-scale climate anomaly patterns associated to temperature variability inside Scarisoara Ice Cave. <i>International Journal of Climatology</i> , <b>32</b> : 1495-1502	2.906	2.578	1.918

21.		<b>Tudorache, A., Marin, C.</b> – Assessing the heavy metal content of suspended particulate matter and of groundwater occurring in the area of the future weak–and–medium radioactive waste repository Saligny – Romania. <i>Carpathian Journal of Earth and Environmental Sciences</i> , <b>7(4)</b> : 165–172.	1.450	2.450	1.450
22.		<b>Veres, D.</b> , Lane, C.S., Timar-Gabor, A., Hambach, U., Constantin, D., Szakács, A., Fülling, A., <b>Onac, B.P.</b> - The Campanian Ignimbrite/Y5 tephra layer - A regional stratigraphic marker for Isotope Stage 3 deposits in the Lower Danube region, Romania. <i>Quatern. Internat.</i> , <a href="http://dx.doi.org/10.1016/j.quaint.2012.02.042">http://dx.doi.org/10.1016/j.quaint.2012.02.042</a>	1.874	0.718	0.469
23.		Vuillemin, A., Ariztegui, D. & <b>Vereş, D.</b> – Geomicrobiological investigations in subsaline maar lake sediments over the last 1500 years. <i>Quatern. Sc. Rev.</i> , <a href="http://dx.doi.org/10.1016/j.quascirev.2012.04.011">http://dx.doi.org/10.1016/j.quascirev.2012.04.011</a> .	3.973	1.641	1.311
24.		Zhu, J., Lücke, A., Wissel, H., Müller, D., Mayr, C., Ohlendorf, C., Zolitschka, B. and <b>Vereş, D.</b> – The last Glacial–Interglacial transition in Patagonia, Argentina: the stable isotope record of bulk sedimentary organic matter from Laguna Potrok Aike. <i>Quatern. Sc. Rev.</i> , <a href="http://dx.doi.org/10.1016/j.quascirev.2012.05.025">http://dx.doi.org/10.1016/j.quascirev.2012.05.025</a> .	3.973	0.622	0.497
<b>Punctaj</b>			<b>66.596</b>	<b>27.924</b>	<b>19.331</b>
<b>total</b>					

### 1.17. Capitle publicate în cărți, tratate sau monografiile editate într-o editură consacrată din străinătate

Nr. Crt.	Anul	Capitolul	Editura	$13 \times (N_{ic}/N_a) \times (N_p/N_{tp})$
1.	2012	<b>Onac, B.P.</b> – Minerals, p.499-508. In: <i>Encyclopedia of Caves</i> 2nd ed. (Culver, D & White, W.B., eds.), New York, 966 p., ISBN 9780123838322	Academic Press	0.13
2		Perşoiu, A., <b>Onac, B.P.</b> – <i>Ice in Caves</i> , p. 399-404. In: <i>Encyclopedia of Caves</i> 2nd ed., (Culver, D & White, W.B., eds.), New York, 966 p, ISBN 9780123838322	Academic Press	0.04
3.		<b>Constantin, S., Munteanu, C.M.</b> , Milota, Ş., Sarcina, L., Gherase, M. & Zilhão, J. – The Ponor-Plopa Cave System: Description, Sediments, and Genesis,	Oxford University Press	0.15

		pp.41-55. In: Trinkaus, E., Constantin, S. & Zilhão, J. (Eds.): <i>Life and Death at the Peștera cu Oase - A Setting for Modern Human Emergence in Europe</i> , New York, 438 p., ISBN: 978-0-19-539822-9		
4		Bălțeanu, D., Jurchescu, M., Surdeanu, V., Ioniță, I., <b>Goran, C.</b> , Urdea, P., Rădoane, M., Rădoane, M., Sima, M. – Recent landform evolution in the Romanian Carpathians and Pericarpathian Regions, pp. 249-286. În: <i>Recent landform evolution: The Carpatho-Balkan-Dinaric Region</i> (Denes Loczy et al., Eds.), 460p., ISBN 978-9400724471	Springer Verlag	0.12
5.		<b>Moldovan, O.</b> – Beetles, pp. 54-62. In: <i>Encyclopedia of Caves</i> (Culver, D. & White, W.B., eds.), New York, 966 p., ISBN: 978-0-12-383832-2.	Academic Press	0.12
6.		Milota, Șt., Gherase, M., Sarcina, L., Rodrigo, R., <b>Moldovan, O.</b> , Trinkaus, E., <b>Constantin, S.</b> , Zilhão, J. – Exploration and Documentation of the Peștera cu Oase, pp.5-15. In <i>Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p.	Oxford University Press	0.08
7.		Zilhão, J., Milota, Șt., Rodrigo, R., <b>Constantin, S.</b> , Trinkaus, E. – Problems, Approaches and Fieldwork: 2004-2005, pp.16-30. In <i>Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe</i> (E. Trinkaus, S. Constantin, and J. Zilhão, Eds.), 438 p.	Oxford University Press	0.09
8.		<b>Constantin, S.</b> , Lauritzen, S.E.- Uranium-Series dating on speleothems from the Peștera cu Oase, p. 56-72. In <i>Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe</i> (Trinkaus, E., Constantin, S. and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9;	Oxford University Press	0,25
9.		Panaiotu, C., <b>Constantin, S.</b> , <b>Petrea, C.</b> , <b>Horoi, V.</b> , Panaiotu, C.E. – Rock magnetic data of Late Pleistocene sediments from the Peștera cu Oase and their Paleoclimatic significance, p. 86-99. In <i>Life and Death at the Peștera cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9.	Oxford University Press	0.25

10.		<b>Constantin, S.</b> –The Karst Geology of the Ponor-Plopa System in its Regional Context, pp.33-40. In <i>Life and Death at the Pesteră cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9.	Oxford University Press	0.24
11.		<b>Stiuca, E., Petculescu, A.</b> – Hyena, Wolves and Foxes from the Pesteră cu Oase, pp. 167-184. In <i>Life and Death at the Pesteră cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9.	Oxford University Press	0.53
12.		<b>Petculescu, A.</b> – Small Mammal Remains from the Pesteră cu Oase, pp. 185-188. In <i>Life and Death at the Pesteră cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9.	Oxford University Press	0.12
13.		<b>Constantin, S., Zilhão, J., Trinkaus, E.</b> – The Paleoenvironmental Context of the Pesteră cu Oase, pp. 385-388. In <i>Life and Death at the Pesteră cu Oase. A Setting for Modern Human Emergence in Europe</i> (Erik Trinkaus, Silviu Constantin, and João Zilhão, Eds.), 438 p. ISBN: 978-0-19-539822-9.	Oxford University Press	0.04
<b>Punctaj total</b>				<b>2.16</b>

**1.17. 1. Capicole publicate în cărți apărute în străinătate în alte edituri decât cele precizate (nu au fost punctate)**

1. **Onac, B.P.**, Ginés, A., Ginés, J., Fornós, J.J., Dorale, J.A., 2012 – Late Quaternary sea-level history: a speleothem perspective. In: *Mallorca: a Mediterranean benchmark for Quaternary studies* (Ginés et al., eds.), Monografies de la Societat d’Història Natural de les Balears, **18**: 147-162.

2. Ginés, J., Ginés, A., Fornós, J.J., Tuccimei, P., **Onac, B.P.**, Gràcia, F., 2012 – Phreatic overgrowths on speleothems (POS) from Mallorca: updating forty years of research. In: *Mallorca: a Mediterranean benchmark for Quaternary studies* (Ginés et al., eds.), Monografies de la Societat d’Història Natural de les Balears, **18**: 111-146.

3. **Marin, C.**, 2012 – Particulate phases possibly conveyed from nuclear waste repositories by groundwater. In: *"Radioactive Waste"*, R. O. Abdel Rahman (Ed.). Chapter 18, pp. 431–458, InTech - Open Access Publisher, Rijeka, ISBN 979-953-51-0551-0. (Indexat în: EBSCO A-TO-Z, BASE - Bielefeld Academic Search Engine, SCIRUS, etc.).

### 1.19. Număr de citări conform Web of Science 2012

Nr. Crt	Lucrarea / Citări	Punctaj
1	Constantin, M., Bednarik, M., Jurchescu M.C. & <b>Vlaicu M.</b> , 2011 – Landslide susceptibility assessment using the bivariate statistical analysis and the index of entropy in the Sibiciu Basin (Romania). <i>Environmental Earth Sciences</i> , <b>63(2)</b> : 397-406	
	<b>2012</b> Magliulo, P. – Assessing the susceptibility to water-induced soil erosion using a geomorphological, bivariate statistics-based approach. <i>Environ. Earth Sciences</i> . DOI: 10.1007/s12665-012-1634-y.	0.5
	Sabatakakis, N., Koukis, G., Vassiliades, E & Lainas, S. – Landslide susceptibility zonation in Greece. <i>Natural Hazards</i> , DOI: 10.1007/s11069-012-0381-4.	0.5
	Zare, M., Pourghasemi, H.R., Vafakhah, M. et al. – Landslide susceptibility mapping at Vaz Watershed (Iran) using an artificial neural network model: a comparison between multilayer perceptron (MLP) and radial basic function (RBF) algorithms. <i>Arabian Journal of Geosciences</i> , DOI: 10.1007/s12517-012-0610-x	0.5
	Pourghasemi, H.R., Pradhan, B., Gokceoglu, C. – Application of fuzzy logic and analytical hierarchy process (AHP) to landslide susceptibility mapping at Haraz watershed, Iran. <i>Natural Hazards</i> , <b>2</b> : 965-996.	0.5
	Bednarik, M., Yilmaz, I. et al. – Landslide hazard and risk assessment: a case study from the Hlohovec–Sered’ landslide area in south-west Slovakia. <i>Natural Hazards</i> , <b>64(1)</b> : 547-575.	0.5
	Devkota, K.C., Regmi, A.D. et al. – Landslide susceptibility mapping using certainty factor, index of entropy and logistic regression models in GIS and their comparison at Mugling–Narayanghat road section in Nepal Himalaya. <i>Natural Hazards</i> , DOI: 10.1007/s11069-012-0347-6	0.5
2.	<b>Băncilă, R.I.</b> , Hartel, T., <b>Plăiașu, R.</b> , Smets, J., Cogălniceanu, D., 2010 – Comparing three body condition indices in amphibians: a case study of yellow-bellied toad <i>Bombina variegata</i> . <i>Amphibia-Reptilia</i> 31: 558-562	
	<b>2012</b> Voyles J, Vredenburg VT, Tunstall TS, Parker JM, Briggs CJ, et al. - Pathophysiology in Mountain Yellow-Legged Frogs ( <i>Rana muscosa</i> ) during a Chytridiomycosis Outbreak. PLoS ONE 7(4): e35374. doi:10.1371/journal.pone.0035374.g002.	0.5
	MacCracken, J.G., Stebbings, J.L. – Test of a body condition index with amphibians. <i>Journal of Herpetology</i> , <b>46(3)</b> : 346-350.	0.5
3.	Hartel, T., <b>Bancila, R.</b> , Cogălniceanu, D. – Spatial and temporal variability of aquatic habitat use by amphibians in a hydrologically modified landscape. <i>Freshwater Biology</i> , <b>56(11)</b> : 2288-2298	
	<b>2012</b> Plaiasu, R., Bancila, R., Samoila, C. et al. – Waterbody availability and use by amphibian communities in a rural landscape. <i>Herpetological Journal</i> , <b>22(1)</b> : 13-21	0.5
4.	Wynn, J., Sumrall, J., <b>Onac, B.P.</b> , 2010 – Sulfur isotopic composition and the source of dissolved sulfur species in thermo-mineral springs of the Cerna Valley, Romania. <i>Chemical Geology</i> , <b>271</b> : 31-43	

	<b>2012</b>	<b>Jiang, Y.</b> – Sources of sulfur in the Nandong underground river system, southwest China: A chemical and isotopic reconnaissance. <i>Applied Geochemistry</i> , <b>27(8)</b> : 1463-1470.	<b>0.5</b>
		Cai, C.F., Cai, L.L., Zhang, J., Cai, X.A., Li, K.K. - H 2S-generation by methane-dominated TSR and carbon isotope fractionation in Lower Triassic Feixianguan Formation, Northeast Sichuan Basin. <i>Acta Petrologica Sinica</i> 28 (3), pp. 889-894.	<b>0.5</b>
<b>5.</b>		Ribera, I., Fresneda, J., <b>Bucur, R.</b> , Izquierdo, A., Vogler, A.P., Salgado, J.M. & Cieslak, A., 2010 – Ancient origin of a western mediterranean radiation of subterranean beetles. <i>BMC Evolutionary Biology</i> , 10: 29	
	<b>2012</b>	R Angus, D Edwards, C Luque, L Labrada - A chromosomal investigation of some European Leiodidae (Coleoptera), with particular focus on Spanish subterranean Leptodirini. <i>Comparative Cytogenetics</i> , <b>6(2)</b> : 127-139	<b>0.5</b>
		JM Salgado, CG Luque, L Labrada, J Fresneda – Revisión del género Cantabrogeus Salgado, 2000, con la descripción de tres nuevas especies hipogeas endémicas de la Cordillera Cantábrica (Coleoptera, Leiodidae, Cholevinae, Leptodirini). <i>Animal Biodiv. &amp; Cons.</i> , <b>35(1)</b>	<b>0.5</b>
		Andujar, C., Serrano, J., Zurita, J.G. – Winding up the molecular clock in the genus <i>Carabus</i> (Coleoptera: Carabidae): assessment of methodological decisions on rate and node age estimation. <i>BMC Evolutionary Biology</i> . <b>12</b> :40 doi:10.1186/1471-2148-12-40	<b>0.5</b>
		King, R.A., Bradford, T., Austin, A.D. Humphreys, W.F. & Cooper, S.J.B. - Divergent Molecular Lineages and Not-So-Cryptic Species: The First Descriptions of Stygobitic Chiltoniid Amphipods (Talitroidea: Chiltoniidae) from Western Australia. <i>Journal of Crustacean Biology</i> <b>32(3)</b> :465-488.	<b>0.5</b>
		Zurita, J.G., Sassi, D., Cardoso, A., Balke, M. – Evolution of <i>Cryptocephalus</i> leaf beetles related to <i>C. sericeus</i> (Coleoptera: Chrysomelidae) and the role of hybridization in generating species mtDNA paraphyly. <i>Zoologica Scripta</i> , <b>41(1)</b> : 47-67.	<b>0.5</b>
		Abellan, P., Arribas, P., Svenning, J.-C. – Geological habitat template overrides late Quaternary climate change as a determinant of range dynamics and phylogeography in some habitat-specialist water beetles. <i>Journal of Biogeography</i> , <b>39(5)</b> : 970-983	<b>0.5</b>
		Ruiz, C., Jordal, B.H., Serrano, J. – Diversification of subgenus <i>Calathus</i> (Coleoptera: Carabidae) in the Mediterranean region – glacial refugia and taxon pulses. <i>Journal of Biogeography</i> , <b>39(10)</b> : 1791-1805.	<b>0.5</b>
		Faille, A., Bourdeau, Ch., Fresnada, J. – Molecular phylogeny of the <i>Trechus brucki</i> group, with description of two new species from the Pyreneo-Cantabrian area (France, Spain) (Coleoptera, Carabidae, Trechinae). <i>Zookeys</i> <b>217</b> : 11-51.	<b>0.5</b>
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		Yin Chen - Comparative genomics of methylated amine utilization by marine Roseobacter clade bacteria and development of functional gene markers (tmm, gmaS). <i>Environmental Microbiology</i> , <b>14 (9)</b> : 2308–2322	<b>0.5</b>
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		Lotter, Andre F.; Heiri, Oliver; Brooks, Stephen; et al – Rapid summer temperature changes during Termination 1a: high-resolution multi-proxy climate reconstructions from Gerzensee (Switzerland). <i>Quaternary Science Reviews</i> , <b>36</b> : 103-113 DOI: 10.1016/j.quascirev.2010.06.022	<b>0.5</b>
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	<b>2012</b>	Requena Yanez, J. L., Reyes Cortes, M., Torres Moye, E. et al – Synthesis of Potassium and Calcium Uranovanadates, analogues of Carnotite and Metatyuyamunite Minerals. <i>Revista Mexicana de Fisica</i> , <b>58(3)</b> : 253-257.	<b>0.5</b>
		<b>Total citări 254</b>	<b>127</b>

### 1.21. Cărți apărute în edituri consacrate din țară

Nr. crt.	Anul publicării	Numele și autorul cărții	7x(Nic/Na)
<b>1.</b>	<b>2012</b>	<b>Povară, I.</b> - <i>Valea Cernei. Morfologie, hidrologie, ape termominerale</i> , Ed. AGIR, 304 p, 91 fig., 49 tabele, 10 foto, 4 planșe color, ISBN 978-973-720-444-8	<b>7</b>



1.23. Articole apărute în reviste recunoscute de CNCS (B+) sau indexate într-o bază internațională de date (BDI)

Anul	Nr.	Lucrarea	1x(Nic/Na)
2012	1.	Vasile, Șt., Panaitescu, D., <b>Știucă, E.</b> , Virag, A. – Additional proboscidian fossils from Mavrodin (Teleorman county, Romania). <i>Oltenia Journal for Studies in Natural Sciences</i> . <b>28 (1)</b> :197-220.	<b>0.25</b>
	2.	Sendra A., <b>Nitzu E.</b> – Half century after Ionescu’s work on the Roumanian fauna of Diplura – A study mainly based on species from karst areas. <i>Travaux de l’Institute de Spéologie “E. Racovitza. Tome LI</i> (apare în luna decembrie)	<b>0.5<sup>1</sup></b>
	3.	<b>Tabacaru I.G.</b> , Danielopol D. – Essai d’analyse critique des principales hypothèses concernant la phylogénie des Malacostracés (Crustacea, Malacostraca) (2 <sup>ème</sup> partie). <i>Travaux de l’Institute de Spéologie “E. Racovitza. Tome LI</i> (apare în luna decembrie)	<b>0.5</b>
	4.	<b>Nae, A.</b> – <i>Carniella mihaili</i> (Georgescu, 1994) – New combination of genus and description of the male (Araneae, Theridiidae). <i>Travaux de l’Institute de Spéologie “E. Racovitza. Tome LI</i> (apare în luna decembrie)	<b>1</b>
	5.	<b>Popa, I.</b> – Two new records of springtails (Hexapoda, Collembola) for the Romanian fauna. <i>Travaux de l’Institute de Spéologie “E. Racovitza. Tome LI</i> (apare în luna decembrie)	<b>1</b>
	6.	Miko, L., Mourek, J., <b>Meleg, I.N.</b> , <b>Moldovan, O.T.</b> –Oribatid mite fossils from Quaternary and pre-Quaternary sediments in Slovenian caves I. Two new genera and two new species of the family Oppiidae from the Early Pleistocene. <i>Acta Mus. Nat. Pragae, B, 68(1-2)</i> :23-34	0.5
	<b>Punctaj total</b>		

1.24. Conferință invitată/plenară/keynote prezentată la o manifestare științifică internațională.

- Onac, B.P.** - Cave deposits and sea-level history (**prezentare invitata**). *Geologic records of sea-level rise coordination meeting* (United States Geological Survey, St. Petersburg; 1-2 Februarie 2012)
- Moldovan, O.T.**– Invertebrate fossils as new proxy for the study of paleoclimate and karst evolution. *34th International Geological Congress, Brisbane (Australia)*, 5-10 August 2012, (**invited lecture**).
- Moldovan, O.T.**, Meleg, I.N., Epure, L. - Fauna is in the cave mud too – is there an interest to protect cave sediments? *21<sup>st</sup> International Conference of Subterranean Biology, Kosice (Slovakia)*, 2-7 September 2012 (**key lecture**).
- Moldovan, O.T.**, Meleg I.N. - A new proxy for paleoenvironment hidden in cave sediments. *18<sup>th</sup> International Cave Bear Symposium, Baile Herculane (Romania)*, 20-22 September 2012, (**invited lecture**)
- Constantin, S.** - Multi-archive approaches to reconstruct Quaternary paleoenvironments using cave deposits. The case-study of the Peștera cu Oase, Romania. *34<sup>th</sup> International Geological Congress (IGC), Brisbane, 5-10 August 2012.*

<sup>1</sup> Volumul este predat la editură. Rugăm Comisia de evaluare sa decidă recunoașterea punctajului

### 1.25. Comunicări orale prezentate la manifestări științifice internaționale

Anul	Nr.	Comunicarea	Punctaj unitar 5×(Nic/Na)
2012	1.	Bazin, L., Landais, A., Lemieux-Dudon, L., Toyé, Mahamadou- Kele, H., Blunier, T., Capron, E., Chappellaz, J., Fischer, H., Leuenberger, M., Lipenkov, V., Loutre, M.-F., Martinerie, P., Parrenin, F., Prié, F., Raynaud, D., <b>Vereș, D.</b> , Wolff, E. – Toward an integrated ice core chronology using relative and orbital tie-points. <i>Geophysical Research Abstracts 14, EGU2012-7646</i>	0.29
	2.	<b>Drăgușin, V.</b> , Hoffmann, D., Ersek, V., <b>Vereș, D.</b> – Possible human activity recorded by speleothem carbon isotopes in SW Romania. <i>Quaternary Research Association ADM, New Forest, UK, 4-6.01.</i>	2.5
	3.	Fitzsimmons, KE., Hambach, U., Lehmkuhl, F., Fujioka, T., Iovita, R., Dobos, A., <b>Vereș, D.</b> , Marković, S.B., McPherron, S. –Loess archives and Pleistocene environmental dynamics in the Lower Danube Basin. <i>International Conference on Loess Research: Loess In China &amp; Europe, 27-30 September, Novi Sad, Serbia; p. 68-69.</i>	0.55
	4.	Fosse, F. & <b>Robu, M.</b> – Bioglyphic activities by cave bear ( <i>Ursus spelaeus</i> ): behavioral considerations from some French and Romanian sites. <i>Proceedings of the 18th International Cave Bear Symposium (ICBS), 20–22 septembrie, Băile Herculane.</i>	2.5
	5.	Gebhardt, C., Ohlendorf, C., Buylaert, J.-P. and <b>Vereș, D.</b> – Inter- and intrasite comparison between Sites 1 and 2, PASADO deep drilling project – lake evolution, local paleoclimate history, OSL age information. <i>The 4<sup>th</sup> International PASADO Workshop Bremen, Terra Nostra 2: 17-18.</i>	1.25
	6.	<b>Giurginca, A.</b> , Tajovsky, K. & Šustr, V. – Morphological structures on the integument of <i>Mesoniscus graniger</i> . <i>21<sup>st</sup> International Conference on Subterranean Biology, Košice (Slovakia).</i>	1.65
	7.	Hahn, A., Kliem, P., Oehlerich, M., Ohlendorf, C., Zolitschka, B. and <b>Vereș, D.</b> –Laguna Potrok Aike: elemental composition. <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra, 2:18-19.</i>	0.83
	8.	<b>Hillebrand-Voiculescu, A.M.</b> , Ițcuș, C., Rusu, A., Perșoiu, A., <b>Brad, T.</b> , Popa, E., <b>Onac, B.P.</b> Purcărea, C – Microbial Biodiversity In Ice Sediments From Scărisoara Ice Cave (Romania). <i>The 5<sup>th</sup> International Workshop on Ice Caves IWIC-5. Barzio/Milano, Italy.</i>	1.875
	9.	<b>Hillebrand-Voiculescu, A.M.</b> - Le monde souterrain invisible de Dobrogea du Sud. <i>Dobrogea entre Terre et Mer, l’empreinte du temps et du l’homme, București.</i>	5
	10.	Lisé-Pronovost, A., St-Onge, G., Gogorza, C., Haberzettl, T., Zolitschka, B. and <b>Vereș, D.</b> – Rock-magnetic proxies of environmental changes since 51.2 ka cal BP from Laguna Potrok Aike, southern Patagonia. <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra 2: 22-23.</i>	0.83
	11.	Lücke, A., Zhu, J., Müller, D., Wissel, H., and <b>Vereș, D.</b> – Glacial Antarctic warm events in organic isotope records of Laguna Potrok Aike: patterns and lessons. <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra 2: 24.</i>	1
	12.	Marković, S.B., Hambach, U., Zöller, L., Stevens, T., Kukla, G., Buggle, B., Újvári, G., <b>Vereș, D.</b> , Sümegi, P., Timar-Gabor, A., Zech, M., Kovács, J., Smalley, I., O'hara-Dhand, K. – The Danube loess stratigraphy – new steps towards a European-wide loess stratigraphic model. <i>The 36<sup>th</sup> General assembly of DEUQUA Umwelt – Mensch – Georisiken im Quartär, Bayreuth, 16-20 September; Bayreuther Forum Ökologie 117: 27.</i>	0.36
	13.	<b>Meleg, I.N.</b> , Zakšek, V., Fišer, C., <b>Moldovan, O.T.</b> – Groundwater biodiversity in Western Romanian Carpathians: the case of Niphargus (Amphipoda, Crustacea). <i>21<sup>st</sup> International Conference of Subterranean Biology, Kosice (Slovakia), 2-7 Septembrie.</i>	2.5
	14.	<b>Meleg, I.N.</b> , Năpăruș, M., Fiers, F., Meleg, I.H., <b>Vlaicu, M.</b> , <b>Moldovan, O.T.</b> – Predictive GIS modelling and conservation of copepods in	2.5

	groundwater habitats of the Romanian Carpathians. <i>21<sup>st</sup> International Conference of Subterranean Biology, Kosice (Slovakia), 2-7 September</i>	
15.	<b>Moldovan, O.T.</b> – Do we use the correct terms for subterranean habitats? <i>21<sup>st</sup> Internat. Conf. of Subterranean Biol., Kosice (Slovakia), 2-7 Sept.</i>	5
16.	<b>Munteanu, C.M., Robu, M.,</b> Panaiotu, C., <b>Petculescu, A.,</b> Roban, R., <b>Vlaicu, M.,</b> Kenesz, M., <b>Mirea, I., Nae, A., Toma, V.,</b> Doeppes, D., Pacher, M., <b>Moldovan, O., Constantin, S.,</b> - Upper pleistocene climate as revealed by cave deposits from Ursilor Cave, NW Romania. <i>The 18th International Cave Bear Symposium (ICBS) and the “Fossils in Karst” International Workshop.</i> 20-22 Septembrie	3.57
17.	Nováková, A., Hubka, V., <b>Hillebrand-Voiculescu, A.M.</b> – Preliminary Results On Microfungal Community Of Mobile Cave, Romania. <i>The 21<sup>st</sup> International Conference on Subterranean Biology, Kosice, Slovakia.</i>	1.65
18.	Oehlerich, M., Mayr, C., Lücke, A., Hahn, A., Ohlendorf, C., Hölzl, S., Zolitschka, B. and <b>Vereş, D.</b> – Stable isotopes of carbonates from Laguna Potrok Aike: methodology, results and paleoclimatic implications. <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra 2:</i> 25-26.	0.625
19.	Ohlendorf, C., Gebhardt, C. and <b>Vereş, D.</b> – Attempts to identify eolian input in the sediment record of Laguna Potrok Aike (southeastern Patagonia). <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra 2:</i> 26-28	1.65
20.	Parrenin, F., <b>Vereş, D.,</b> Landais, A., Bazin, L., Lemieux-Dudon, B., Toyé Mahamadou Kele, H., Wolff, E., Martinerie, P. – A common and optimized age scale for Antarctic ice cores. <i>Geophysical Research Abstracts 14, EGU2012-13849.</i>	0.625
21.	Parrenin, F., Petit, J.R., Masson-Delmotte, V., Wolff, E., Basile-Doelsch, I., Jouzel, J., Lipenkov, V., Rasmussen, S., Schwander, J., Severi, M., Udisti, R., <b>Vereş, D.,</b> Vinther, B.– Volcanic synchronisation between the EPICA Dome C and Vostok ice cores (Antarctica) 0-145 kyr BP. <i>Geophysical Research Abstracts 14, EGU2012-5223.</i>	0.385
22.	Parrenin, F., Barker, S., Blunier, T., Chappellaz, J., Masson-Delmotte, V., Jouzel, J., Landais, A., Schwander, J., <b>Vereş, D.</b> – On the Delta-depth along the EPICA Dome C ice core. <i>Geophysical Research Abstracts 14, EGU2012-5265.</i>	0.555
23.	<b>Plăiaşu, R., Băncilă, R.I. &amp; Munteanu, C.M.</b> –Environmental features influencing the harvestmen population dynamics in caves. <i>21<sup>st</sup> International Conference on Subterranean Biology, Košice (Slovakia), 2-7 septembrie.</i>	5
24.	Puşcaş, C.M., <b>Onac, B.P.,</b> Effenberger, H.S., <b>Povară, I.</b> – Tamarugite from Diana Cave (SW of Romania)- first true karst occurrence. <i>Geophysical Research Abstracts 14, EGU2012-5305</i>	2.5
25.	Recasens, C., Ariztegui, D., Maidana, N.I. and <b>Vereş, D.</b> – Diatoms from Laguna Potrok Aike: diversity, ecology and paleoenvironmental changes revealed from the PASADO sediment record. <i>The 4<sup>th</sup> International PASADO Workshop Bremen; Terra Nostra 2:</i> 29-31.	1
26.	Roban, R.D., Panaiotu, C.G., Paiu, D., <b>Munteanu, C., Moldovan, O., Vlaicu, M., Petculescu, A., Robu, M., Constantin, S.</b> – Clastic cave sediments: facies and hydrodynamic characteristics— examples from the Romanian Carpathians. <i>Proceedings of the 34th International Geological Congress Unearthing our Past and Future — Resourcing Tomorrow, 5-10 August 2012, Brisbane , Australia,</i> p. 526	3.3
27.	<b>Robu, M.,</b> Wynn, J., <b>Petculescu, A., Ştiucă, E., Moldovan, O.T., Constantin, S.</b> – Stable isotopes data and dietary patterns of the MIS 3 cave bears of Romania. <i>The 18th Internat. Cave Bear Sympos. (ICBS) and the “Fossils in Karst” Internat. Workshop. Sept. 20–22.</i>	4.166
28.	<b>Ştiucă, E., Petculescu, A.</b> – The establishment of a neotype for <i>Paradolichopithecus geticus</i> Necrasov, Radulescu & Samson 1961. <i>RCMNS Interim Colloquium, Bucharest.</i>	5

29.	Timar-Gabor, A., Vasiliniuc, S., Vandenberghe, D.A.G., Constantin, D., Panaiotu, C.G., <b>Vereş, D.</b> – Results and challenges from luminescence dating of Romanian loess. <i>The 36<sup>th</sup> General assembly of DEUQUA Umwelt – Mensch – Georisiken im Quartär, Bayreuth</i> , 16-20 September; Bayreuther Forum Ökologie <b>117</b> : 85.	<b>0.83</b>
30.	<b>Tudorache, A., Marin, C.</b> – Distribution of heavy metals (Cu, Zn and Cr) in groundwater from the area of a future radioactive waste repository Saligny – Romania. <i>16-th International Conference on Heavy Metals in the Environment; 23 -27 Septembrie, Roma.</i>	<b>5</b>
31.	<b>Vereş, D.</b> , Hambach, U., Timar-Gabor, A., Lane, C.S., Fitzsimmons, K.E., Szakács, A., Marković, S.B. – Age, origin and stratigraphic potential of the volcanic ash layers interbedded within the Quaternary terrestrial deposits of the Lower Danube region, Romania. <i>International Conference on Loess Research: Loess In China &amp; Europe, 27-30 Septembrie, Novi Sad, Serbia</i> ; p. 60-61.	<b>3.57</b>
32.	<b>Vereş, D.</b> , Hambach, U., Timar-Gabor, A., Lane, C.S., Fitzsimmons, K.E., Szakács, A., Marković, S.B. – Age, origin and stratigraphic potential of the volcanic ash layers interbedded within the Quaternary terrestrial deposits of the Lower Danube region, Romania. <i>The 36<sup>th</sup> General assembly of DEUQUA Umwelt – Mensch – Georisiken im Quartär, Bayreuth</i> , 16-20 September; Bayreuther Forum Ökologie, <b>117</b> : 54-55	<b>0.71</b>
33.	Vuillemin, A., Ariztegui, D., De Coninck, A.S., Lücke, A., Mayr, C., Schubert, C.J. and <b>Vereş, D.</b> – Uncovering present and past microbial activity in lacustrine sediments: Is there an unequivocal sediment-species relationship? <i>The 4<sup>th</sup> International PASADO Workshop Bremen</i> ; Terra Nostra <b>2</b> : 34-36.	<b>0.71</b>
34.	Wille, M., Schäbitz, F. and <b>Vereş, D.</b> –. Comparison of pollen profiles from Laguna Potrok Aike with the dust proxy from the Antarctic ice core EPICA Dome C. <i>The 4<sup>th</sup> International PASADO Workshop Bremen</i> ; Terra Nostra <b>2</b> : 37-38.	<b>3.3</b>
35.	Zhu, J., Lücke, A., Wissel, H., Mayr, C., Ohlendorf, C., Zolitschka, B. & <b>Vereş, D.</b> – Stable oxygen and carbon isotope record of aquatic moss from Laguna Potrok Aike at the last Glacial – Interglacial transition. <i>The 4<sup>th</sup> International PASADO Workshop Bremen</i> ; Terra Nostra <b>2</b> : 39-41.	<b>0.71</b>
36	Zolitschka, B., Kliem, P., Ohlendorf, C. and <b>Vereş, D.</b> – Hydrological variations at Laguna Potrok Aike and its regional perspective for southern Patagonia. <i>The 4<sup>th</sup> International PASADO Workshop Bremen</i> ; Terra Nostra <b>2</b> : 42-43.	<b>1.25</b>
<b>Total general</b>		<b>70.741</b>

#### 1.26. Comunicări orale prezentate la manifestări științifice naționale

Anul	Nr.	Comunicarea	Punctaj unitar $2 \times (N_{ic}/N_a)$
2012	1.	Ștefan Vasile, Dragoș Panaitescu, <b>Emanoil Știucă</b> , Attila Virag – Additional proboscidian fossils from Mavrodin (Teleorman county, Romania). <i>The International Conference Museum and Scientific Research 13 -15 Septembrie, Craiova.</i>	<b>0.5</b>

### Capacitatea de a atrage fonduri de cercetare

#### 2.2. Granturi câștigate de ISER de la organisme naționale

1. **PCCE–IDEI 31/ 2010-2013** – *Arhive climatice în carst - o abordare integrată pentru studierea și modelarea oscilațiilor climatice rapide*. Responsabil **Dr. S. Constantin**, **Buget proiect: 6.350.000 RON, 4 p**
2. **Grant IDEI\_WE\_50/2012** – Contract 47/2012 – *Fossil remains in karst and their role in reconstructing Quaternary paleoclimate and paleoenvironments*. Coordonator **Dr. Silviu Constantin**; **Buget: 30.000 lei, 2p**
3. **Contract Nr. 48/2012-2015** (PN II-Parteneriate- PCCA-2011) – *Reziliența sistemelor hidrotermale față de perturbări antropice și naturale. Studiu de caz: zăcământul termomineral sulfuros de la Băile Herculane*. Coordonator **Dr. C. Marin**, **Buget proiect: 1,863,100 RON, 4p.**
4. **Contract 1/25.10.2011** CNCS – UEFISCDI PN-II-RU-PD-2011-3-0088 (2011-2013)– *Factori ce influențează utilizarea habitatelor de către comunitățile de opilionide (Arachnida: Opiliones) în Geoparcul Platoul Mehedinți*. Responsabil **Dr. R. Plăiașu**. **Valoare: 259 411 RON, 3 p**
5. **Contract 4/25.10.2011** PNII-RU-PD (2011-2013) – *Aplicarea tehnicilor DGT/DET în studiul migrării unor elemente în zona amplasamentului viitorului depozit de deșeuri radioactive Saligny*. Responsabil **Dr. A. Tudorache**. **Valoare: 300 000 RON, 3p**
6. **PN-II-ID-PCE-2011-3-0145** (2011-2013) – *Holocene tree line and timberline changes in northern Carpathians - a key approach for understanding the sensitivity of upper mountains environment*. Responsabil **Dr. A. Feurdean**, **Valoare 745 626 RON, 4p.**
7. **Contract 2603/2012-2015** – *Servicii de monitorizare a stării de conservare a peșterilor și speciilor de lilieci de interes comunitar din România*. Coordonator: **Drd. Marius Vlaicu**, **Buget proiect 2.221.518,44 RON, 4 p.**

#### 2.4. Manifestări științifice (congrese, conferințe, simpozioane) sau școli de vară internaționale organizate de institute

1. *18th International Cave Bear Symposium (ICBS)*, Băile Herculane, 20-26 Septembrie 2012
2. *International Workshop „Fossil remains in karst and their role in reconstructing Quaternary paleoclimate and paleoenvironments”* Băile Herculane, 20-22 Septembrie 2012.

#### 2.5. Manifestări științifice (congrese, conferințe, simpozioane) sau școli de vară naționale organizate de institut

1. Workshop *RESILTHERM*, Băile Herculane (18-21 octombrie 2012) în cadrul contractului nr. **48/2012-2015** (PN II-Parteneriate- PCCA-2011).
2. *Stagiul național de topografie și cartografie subterană*, Cloșani, 7-13 aprilie 2012.

### Capacitatea de a dezvolta servicii, tehnologii, produse

**3.5.** Institutul de Speologie cuprinde două laboratoare performante, cu perspective de acreditare în următorii ani.

- **Laboratorul de Geocronologie Studii Paleoclimatice** realizează activități legate de datarea absolută prin metoda seriei uraniului, de analiza structurii și mineralogiei speleotemelor, paleontologia și stratigrafia depozitelor speleale precum și interpretări paleoclimatice pe baza depozitelor speleale.
- **Laboratorul de Geochimia Apei și Chimie Analitică** este dotat cu echipamente specifice pentru analiză chimică pe baza probelor de apă, sol, roci și materiale biologice prin spectrometrie de masă cu plasmă cuplată inductiv (ICP-MS), spectrometrie de absorbție atomică (atomizare în flacără și electrotermică, analizor carbon organic total, spectrofotometrie moleculară, spectrometrie de fluorescență, electrometrie, etc)

### 3.6. Studii de impact și servicii comandate de un beneficiar

1. **Contract nr. 73 / 09.01.2012** – *Lucrari cu scafandru autonom la priza de apa VIR-1 si VIR-2, C.H.E. Tileagd, jud. Bihor.* Responsabil **R. Geza**.
2. **Contract nr. 536 / 12.03.2012** – *Lucrari cu scafandru autonom la C.H.E. Gilau-I, jud. Cluj.* Responsabil **R. Geza**.
3. **Contract nr. 1203/ 31.05.2012** – *Scufundari cu scafandrul autonom la C.H.E. Lugasu, jud. Bihor.* Responsabil **R. Geza**.
4. **Contract nr. 1501 / 03.07.2012** – *Scufundari cu scafandrul autonom la priza de apa VIR-1 si VIR-2, C.H.E. Tileagd, jud. Bihor.* Responsabil **R. Geza**.
5. **Contract Nr. 600 / 08.04.2012** – *Scufundare cu scafandrul autonom la C.H.E. Floresti-I, jud. Cluj,* Responsabil **R. Geza**.

### Capacitatea de a pregăti superior tineri cercetători (doctorat, post-doctorat)

#### 4.2. Conducători de doctorat care activează în Institut

**Dr. Ionel Tabacaru – 2 doctoranzi**

**Dr. Oana Moldovan – 4 doctoranzi**

#### 4.4. Burse postdoctorale

**Dr. Iepure, S., 2011-2013** – Proiect POSDRU, Programe postdoctorale pentru dezvoltare durabilă într-o societate bazată pe cunoaștere, Universitatea „Babeș-Bolyai” Cluj-Napoca, *Ansamblul de ostracode lacustre - arhive in reconstructia paleoclimatului in ultimii 150.000 de ani in Romania.*

**Dr. Vereş, D., 2011-2013**– Proiect POSDRU la Universitatea Babeş-Bolyai: *Cercetari multidisciplinare privind evolutia climei, poluarea si protectia mediului: Geochimia si geocronologia nivelurilor de cenusi vulcanice intercalate in depozite sedimentare lacustre si loessice din Romania in ultimii 150,000 ani*

**Dr. Brad, T., 2011-2013** – Proiect POSDRU/89/1.5/S/60189 Program „Biotehnologii cu aplicații industriale și medicale”, Proiect individual de cercetare „*Biotehnologii cu aplicații în conservarea resurselor naturale. Biodegradarea microbiană a poluanților apelor subterane*”

## **Anexa 5**

### **Prestigiu științific**

**5.1.** Membri în colectivul de redacție al unei reviste naționale/internaționale (cotată de *Web of Science*, Thomson Reuters sau indexată într-o BDI) sau în colectivul editorial al unor edituri internaționale consacrate.

**Dr. B. Onac** - membru in Comitetul Editorial al revistelor *Acta Carsologica*, *International Journal of Speleology*, Editor Sef la *Studia Universitatis Babeş-Bolyai, Geologia* (indexată BDI)

**Dr. D. Veres** – Editor (Invited editor) la *Quaternary International* pentru volumul “*Climate Change in the Balkan-Carpathian region during the Late Pleistocene & Holocene*”

**Dr. S. Constantin** – Editor *Quaternary International*

**Dr. O. Moldovan** - editor șef *Subterranean Biology*

*Travaux de l’Institut de Spéologie*: **Dr. E. Nițu**, **Dr. O. Moldovan** – redactor șef, **Dr. I. Tabacaru**, **Dr. Gh. Racoviță** – honorary editors, **Dr. A. Giurginca**, **Dr. A. Petculescu**, **Dr. D. Borda** – associated editors, **Membrii: Dr. T. Tamaș**, **Dr. C. Goran**, **Dr. V. Decu**, **Dr. Șt. Negrea**, **Dr. G. Diaconu**, **Dr. C. Marin**.

**Dr. E. Nițu** – secretar științific *Fauna României*

**5.2. Membri în conducerea unor organizații internaționale de specialitate**

**Dr. B. Onac** – *Vicepresedinte* al Societatii Europene pentru Studii Izotopice (ESIR)

**Dr. B. Onac** – *Presedintele* Comisiei de Mineralogie din cadrul Uniunii Internationale de Speol.

**Dr. O. Moldovan** (2010-2012)- *Secretar General* al International Society for Subterranean Biology

**5.4. Cercetători cu indice Hirsch peste 8**

**1. Dr. B. Onac 8**