

FIȘA DE EVALUARE GENERALĂ A STANDARDELOR UNIVERSITĂȚII

Dr. Loredana Brinza

CRITERII	DESCRIPTORI	PUNCTAJE ACORDATE
I. ACTIVITATE A DE CERCETARE (70%)	1. Articole științifice publicate <i>in extenso</i> în reviste cotate <i>Web of Science</i> cu factor de impact	(60 puncte x factor de impact + 25) / număr autori
	1. Loredana Brinza, Hong P. Vu, Samuel Shaw, J. Fred W. Mosselmans, Liane G. Benning, 2015, The effect of molybdenum and vanadium on the hydrothermal crystallization of hematite from ferrihydrite at seawater pH and ionic strength - an in situ EDXRD and XAS study, <i>Crystal Growth and Design</i> , <i>accepted</i> ; FI: 4.558/2013;	59.696
	2. Loredana Brinza, Frederick J. W. Mosselmans, Paul F. Schofield, Erica Donner, Enzo Lombi, Mark E. Hodson, 2014, Can earthworm-secreted calcium carbonate immobilise Zn in contaminated soils?, <i>Soil Biology and Biochemistry</i> , 74, 1-10, DOI: 10.1016/j.soilbio.2014.01.012; FI: 4.41/2013	48.266
	3. L. Brinza, P. F. Schofield, M. E. Hodson, S. Weller, K. Ignatyev, K. Geraki, P. D. Quinn and J. F. W. Mosselmans, 2014, Combining μ XANES and μ XRD mapping to analyse the heterogeneity in calcium carbonate granules excreted by the earthworm <i>Lumbricus terrestris</i> <i>Journal of Synchrotron Radiation</i> , 01/2014, 21, 235-41; DOI:10.1107/S160057751303083X, FI: 3.022/2013;	25.790
	4. Hong Phuc Vu, Samuel Shaw, Loredana Brinza, Liane G Benning, 2013, Partitioning of Pb (II) during goethite and hematite crystallisation: implication for Pb transport in natural systems, 2013 <i>Applied Geochemistry</i> , 39, 119-128; DOI:10.1016/j.apgeochem.2013.10.001, FI: 2.021/2013;	36.565
	5. Loredana Brinza, Paul D. Quinn, Paul F. Schofield, Frederick J. W. Mosselmans, Mark E. Hodson, 2012, Incorporation of strontium in earthworm-secreted calcium carbonate granules produced in strontium-amended and strontium-bearing soil, <i>Geochimica et Cosmochimica Acta</i> , 113 21-37, DOI: 10.1016/j.gca.2013.03.011, FI: 4.250/2013;	70.000
	6. Rob Raiswell, Hong Phuc Vu, Loredana Brinza, Liane Benning, (2010), The determination of Fe in ferrihydrite by ascorbic acid extraction: methodology, dissolution kinetics and loss of solubility with age and de-watering, <i>Chemical Geology</i> , Vol 278, 1-2, 70-79 doi:10.1016/j.chemgeo.2010.09.002, FI: 3.482/2013;	58.480
	7. Vu Hong Phuc, Shaw Samuel, Brinza Loredana, Benning Liane G., (2010), The crystallization of hematite (α -Fe ₂ O ₃) under alkaline condition: the effects of Pb" <i>Crystal Growth and Design</i> , Vol 10, No 4, 1544–1551, DOI: 10.1021/cg900782g, FI: 4.558/2013;	74.620

8. <u>Loredana Brinza</u> , Charlotta A. Nygard, Matthew J. Dring, Liane G. Benning, Maria Gavrilescu, (2009), Cadmium tolerance and adsorption by the marine brown alga <i>Fucus vesiculosus</i> from the Irish Sea and the Bothnian Sea, Bioresource Technology , Vol. 100, No 5, 1727-1733, doi:10.1016/j.biortech.2008.09.041 , FI: 5.039/2013;	81.865
9. <u>Loredana Brinza</u> , Liane G. Benning, Peter J. Statham, (2008), Adsorption studies of Mo and V onto ferrihydrite, <u>Loredana Brinza</u> , Liane G. Benning, Peter J. Statham, (2008), Adsorption studies of Mo and V onto ferrihydrite, Mineralogical Magazine , Vol. 72, No1, 107–110; doi:10.1180/minmag.2008.072.1.385 , FI: 1.898/2013;	33.493
10. <u>Loredana Brinza</u> , Matthew J. Dring, Maria Gavrilescu, (2007), Marine micro and macro algal species as biosorbents for heavy metals treatment - review, Environmental Engineering and Management Journal , Vol. 6, No. 3, 237-251, FI: 1.258/2013;	33.333
11. Simona Pintilie, <u>Loredana Brinza</u> , Camelia Betianu, Lucian Vasile Pavel, Florina Ungureanu, Maria Gavrilescu, (2007), Modelling and simulation of heavy metals transport in water and sediments, Environmental Engineering and Management Journal , Vol. 6, No. 2, 153-161, FI: 1.258/2013;	16.666
12. <u>Loredana Brinza</u> , Matthew J. Dring, Maria Gavrilescu, (2005), Biosorption of Cu (2+) ions from aqueous solution by- <i>Enteromorpha</i> sp, Environmental Engineering and Management Journal , Vol.4, No.1, 41-51, FI: 1.258/2013;	33.333
13. <u>Loredana Brinza</u> , Maria Gavrilescu, (2003), pH Effect on the Biosorption of Cu (2+) from Aqueous Solution by <i>Saccharomyces Cerevisiae</i> , Environmental Engineering and Management Journal , Vol.2, No.3, 243-254, FI: 1.258/2013;	50.000
TOTAL 1	622.107
2. Articole științifice publicate in extensor în reviste indexate Web of Science fără factor de impact	20 puncte / număr autori
1. Mark E Hodson, Stuart Black, <u>Loredana Brinza</u> , Daniel Carpenter, Denise C. Lambkin, J. Fred W Mosselmans, Barbara Palumbo-Roe, Paul F Schofield, Tom Sizmur, Emma A Versteegh, 2014, Biology as an agent of chemical and mineralogical change in soil, Procedia Earth and Planetary Science . 10, 114 – 117,	2.000

	2. Sofia Diaz-Moreno, M. Amboage, R. Boada-Romero, <u>L. Brinza</u> , G. Cîbin, A. Dent, A. Freeman, T. Geraki, S. Hayama, F. Mosselmans, S. Parry, P. Quinn and S. Ramos (2012), X-Ray Absorption Spectroscopy at Diamond Light Source: Three Complementary Beamlines to Deliver a Comprehensive Service, XAS Research Review , 3,	1.538
	TOTAL 2	3.538
	3. Articole științifice publicate <i>in extenso</i> în reviste indexate BDI	15 puncte / număr autori
	1. Camelia Betianu, <u>Loredana Brinza</u> , Vasile Lucian Pavel, Maria Gavrilescu, (2007) Partition and sorption of heavy metals to soils, Analele USAMV, vol. 50, seria Agronomie , Editura „Ion Ionescu de la Brad”, Iași, 2007, ISSN 1454-7414, FI: CNCSIS (B+)	3.750
	2. <u>Loredana Brinza</u> , Maria Gavrilescu, Studies of Heavy Metal Recovery by Biosorption, (2003), Bulletin of the Polytechnic Institute of Iasi Tomul XLVII (LII), fasc. 1B, <i>Chemistry and Chemical Engineering</i> , 250-256 ISSN: 0254 – 7104, FI: CNCSIS (B+)	7.500
	TOTAL 3	11.250
	4. Articole științifice publicate <i>in extenso</i> în volumele conferințelor	indexate ISI: 30 puncte / număr autori indexate în BDI: 15 puncte / număr autori alte categorii: 5 puncte / număr autori
	5. Cărți științifice publicate (doar prima ediție)	edituri academice internaționale: 100 puncte la 100 pagini / număr autori alte edituri internaționale: 70 puncte la 100 pagini / număr autori edituri academice naționale: 50 puncte la 100 pagini / număr autori alte edituri naționale: 20 puncte la 100 pagini / număr autori

	1. Loredana Brinza, 2010, Interactions of molybdenum and vanadium with iron nanoparticles , University of Leeds, United Kingdom, White Rose Publisher, ISBN: 978-0-85731-019-4, (http://etheses.whiterose.ac.uk/1082/)	200.000
	TOTAL 5	200
	6. Cărți științifice traduse și publicate în edituri din străinătate	100 puncte la 100 pagini / număr autori edituri academice internaționale: 60 puncte / număr autori alte edituri internaționale: 40 puncte / număr autori edituri academice naționale: 30 puncte / număr autori alte edituri naționale: 15 puncte / număr autori
	7. Coordonarea și editarea de volume, traduceri și antologii	
	8. Articole publicate în dicționare și enciclopedii	edituri academice internaționale: 30 puncte / număr autori alte edituri internaționale: 20 puncte / număr autori edituri academice naționale: 15 puncte / număr autori alte edituri naționale: 5 puncte / număr autori
	9. Contracte de cercetare științifică în instituții academice (universități, institute ale Academiei Române, institute naționale de cercetare, institute de cercetare din străinătate, alte categorii de institute academice)	contracte internaționale – director: 100 puncte pentru fiecare 100.000 Euro contracte internaționale – membru: 100 puncte pentru fiecare 100.000 Euro / numărul membrilor echipei de cercetare contracte naționale – director: 50 puncte pentru fiecare 500.000 lei contracte naționale – membru: 50 puncte pentru fiecare 500.000 lei / numărul membrilor echipei de

		cercetare
1.	Science & Technology Facilities Council (STFC) 1 day beam time for in house research (SP5906-1) at the Diamond Light Source, UK Synchrotron facility at beam line B18- Core XAS – Pb and Zn XAS in iron based minerals, Prof. Mark E Hodson-PI, Prof. Fred Mosselmans, David Hughes, Dr. Loredana Brinza, Dr. Liz Shaw, ca 11250 GBP (~15412 E), 26 June 2013 – team member.	3.080
2.	Science & Technology Facilities Council (STFC) 1 day beam time for in house research (SP5906-1) at the Diamond Light Source, UK Synchrotron facility at beam line B18- Core XAS – Pb and Zn XAS in iron based minerals, Prof. Mark E Hodson-PI, Prof. Fred Mosselmans, David Hughes, Dr. Loredana Brinza, Dr. Liz Shaw, ca 11250 GBP (~15412 E), 20 March 2013 – team member.	3.080
3.	Science & Technology Facilities Council (STFC) 3 days beam time for in house research (NT3894-1) at the Diamond Light Source, UK Synchrotron facility at beam line i18-Microfocus spectroscopy – The effect of Mg and P on the mineralogy of calcium carbonate bio mineralized granules: a micro spatial characterization by s-XRD and s-Ca XANES, Dr. Loredana Brinza-PI, Prof. Fred Mosselmans, Dr. Paul F. Scofield, Prof. Mark E. Hodson, ca. 32130 GBP (~44018 E), 23-25 May 2013, principal investigator.	11.004
4.	Science & Technology Facilities Council (STFC) research grant no RcaH R18, 3 months access to Research Complex at Harwell, UK to investigate “Microscopic and spectroscopic investigation of biomineralized calcium carbonates polymorphs” Dr. Loredana Brinza-PI, Prof. Fred Mosselmans, 15.09.2012-15.12.2012–principal investigator	
5.	Science & Technology Facilities Council (STFC) 1 day commissioning beam time for in house research (CM-5712-5) at the Diamond Light Source, UK Synchrotron facility to test improvements to s-XRD technique at the beam line i18-Microfocus spectroscopy, Prof. Fred Mosselmans, Dr. Loredana Brinza, Dr.Tina Geraki, Dr. Konstantin Ignatiev, ca 11250 GBP (~15412 E), December 2012– team member.	3.853

	6. Science & Technology Facilities Council (STFC) grant No SP7755 for 4 days beam time at the Diamond Light Source, UK Synchrotron facility to carry out XAS and s-XRD experiments on “Ca-XANES maps and synchrotron diffraction on earthworms biomineralized calcium carbonates granules “at the beam line i18-Microfocus spectroscopy, Prof. Fred Mosselmans –PI, Loredana Brinza, Dr. Paul F. Schofield; Prof. Mark E Hodson, ca. 45000 GBP (~61650 E), 20-24 th September 2012– team member.	15.413
	7. French Société civile grant no EC-870 for 4 days beamtime at the ESRF, France to carry out research on “Se-XAS in UK and China Se-rich shells” at the beamline ID22. Prof. Liane G Benning –PI, Dr Loredana Brinza, Dr Samwel Allsorn, ca. 51300 E 22-26 th June 2012 – team member	17.100
	8. Science & Technology Facilities Council (STFC) grant No NT5731-1 for 3 days beam time at the Diamond Light Source, UK Synchrotron facility to carry out XAS experiments on “Zn and Cu sequestration in earthworm excreted calcium carbonates granules: elemental XRF maps, Ca, Zn and Cu XAS “ at the beam line i18-Microfocus spectroscopy, Dr. Loredana Brinza-PI, Prof. Fred Mosselmans; Dr. Paul F. Schofield; Dr. Paul D. Quinn, Prof. Mark E Hodson, ca 32130 GBP (~44018 E), 20-24 th February 2012– principal investigator.	8.804
	9. Australian Synchrotron grant No AS121/XFM/4559 for 3 days beamtime at the Australian Synchrotron Facility to carry out elemental XRF, Zn and Cu-XANES mapping on “Metal incorporation in earthworm-secreted calcium carbonate granules”, Dr. Erica Donner-PI, Dr. Enzo Lombi, Prof. Fred Mosselmans; Dr. Paul D. Quinn; Dr. Paul F. Schofield; Dr. Mark E Hodson, ca 57600\$ (~39492 E), 2-6 th February 2012 – team member;	6.582
	10. Science & Technology Facilities Council (STFC) grant No NT2123-1 for 3 days beam time at the Diamond Light Source, UK Synchrotron facility to carried our XAS experiments on “Zn sequestration in earthworm excreted calcium carbonates granules“ at the beam line i18-Microfocus spectroscopy, Dr. Loredana Brinza-PI, Prof. Fred Mosselmanss, Dr. Paul D. Quinn; Dr. Paul F. Schofield; Prof. Mark E Hodson, ca 32130 GBP (~44018 E), May 2011,– principal investigator;	8.804
	11. Science & Technology Facilities Council (STFC) grant No SP6744-1 for 5 days beam time at the Diamond Light Source, UK Synchrotron facility to carried our XAS experiments on “Selenium in shales: where and who is the bad guy?” Prof. Liane G Benning (PI), Adriana Matamoros Velosa, Dr. Loredana Brinza, 53550 GBP (~73363 E), 25-31 May 2011; team member;	24.454

	12. Science & Technology Facilities Council (STFC) grant No CM-1946-2 (2065-3) for 1 day beam time at the Diamond Light Source, UK Synchrotron facility to carried out XAS experiments on “Incorporation of V into iron oxyhydroxides” at the beam line i18-Microfocus spectroscopy, Dr. Loredana Brinza –PI; Prof. Fred Mosselmans, Dr. Tina Geraki, ca 11250 GBP (~15412 E), 4 August 2011– principal investigator;	5.137
	13. Science & Technology Facilities Council (STFC) grant No NT2000 for 3 days beam time at the Diamond Light Source, UK Synchrotron facility to carried out XAS experiments on “Incorporation of Sr into earthworm secreted calcium carbonate” at the beam line i18-Microfocus spectroscopy, Prof. Fred Mosselmans-PI; Dr. Loredana Brinza; Dr. Paul D. Quinn; Dr. Paul F. Schofield; Prof. Mark E Hodson, ca 32130 GBP (~44018 E), -5-8 th February 2011– team member as research associate;	8.804
	14. AMASE 09 (Arctic Mars Analog Svalbard Expedition 2009) grant founded by NASA (National Aeronautics and Space Administration) and JPL (Jet Propulsion Lab), Hans Amundsen (Expedition Leader Norway), Andrew Steele (Science Leader – Carnegie Institution of Washington), Marilyn Fogel (Management team – Carnegie Institution of Washington), Pan Conrad (Management team) and Liane Benning (Management team – University of Leeds, UK (2009), 2.22M US \$ (~1995695 E), – postdoc collaborator based at the Earth and Biosphere Institute and School of Earth and Environment at the University of Leeds (March-May 2010) (total 35 team members and collaborators: http://www.lpi.usra.edu/meetings/abscicon2010/pdf/5674.pdf)	594.082
	15. UK Natural Environment Research Council ‘Weathering Science Consortium’ NE/C004566/1 Biologically-Mediated Weathering of Minerals from Nanometre Scales to Environmental Systems, 2006-2011, Members: Prof. Liane G. Benning (PI), Prof. Bruce Yardley, Prof. Rik Brydson, Dr. Steve Bonneville, Andy Bray, Loredana Brinza; at University of Leeds , 364214 GBP (~498973 E),– L. B. collaborator as research fellow at Leeds with Prof. Liane G. Benning, March-May 2009,	71.281
	16. Emeritus Fellowship funded by Leverhulme Trust; Bioavailable nanoparticulate iron in icebergs, Prof. Rob Raiswell –PI, Dr. Lordana Brinza, Dr. Hong Phuc Vu; 2007-2009, ca 22000GBP (~30140 E), - team member as research associate, Jan-Feb 2009;	10.046
	17. Council for the Central Laboratory of the Research Councils (CCLRC) grant no 50115 for beamtime at 16.4 time-resolved Energy Dispersive-X-Ray Diffraction beamline at Synchrotron Radiation Source (SRS) Daresbury Laboratory, UK 3 days to carry out research on “ In situ hydrothermal mineral transformation of iron oxyhydroxides”, Prof.	8.220

	Liane G. Benning – PI, Loredana Brinza, Hong Phuc Vu, 2008, ca 18000 GBP (~24660 E), - team member as research fellow	
	18. Council for the Central Laboratory of the Research Councils (CCLRC) grant no 47113 on 15.1 Dilute spectroscopy beamline at UK synchrotron, Daresbury Laboratory, UK 3 days to carry out research on “Pb-XAS in iron oxynhydroxides”, Prof. Liane G. Benning, Loredana Brinza, Hong Phuc Vu, 2007, ca 18000 GBP GBP (~24660 E), - team member as research fellow	8.220
	19. Council for the Central Laboratory of the Research Councils (CCLRC) grant no 47113 on 15.1 Dilute spectroscopy beamline at UK synchrotron, Daresbury Laboratory, UK 3 days to carry out research on “Mo-XAS in iron oxynhydroxides”, Prof. Liane G. Benning, Hong Phuc Vu, Loredana Brinza, 2007, ca 18000 GBP GBP (~24660 E), - team member as research fellow	8.220
	20. European Community under the Sixth Framework (FP6), Marie Curie Actions Early-Stage Training (EST) Fellowships; grant name BIOTRACS (Bio-transformation of trace elements in aquatic systems) working on “The interaction of trace metals and iron-based nanoparticles in contrasting marine settings” contract number MEST-CT-2004-514262, 2220111 E; Oct 2005 – Dec 2008 – team member as research fellow from 27 members; see website: http://cordis.europa.eu/result/rcn/50263_en.html or http://www.noc.soton.ac.uk/BIOTRACS/about.html	82.222
	21. Marie Curie Individual fellowship at the University of Leeds, Leeds, United Kingdom funded by the European Community under the Fifth Framework (FP5): EU Marie Curie BIOASSESS “Biodiversity assessment and conservation science” Grant Reference Number EVK2-CT-2000-57122, 285000 E, Feb 2005 – April 2005 – team member as research fellow; see web: http://cordis.europa.eu/project/rcn/72350_en.html	Lipsa numarului total de membri si colaboratori implica necuantificarea temporara a acestui grant:285/?
	22. Marie Curie Training Site fellowship at the Queen’s University of Belfast, Belfast, Northern Ireland, United Kingdom funded by the European Community under the Fifth Framework (FP5): EU Marie Curie Action, “Marine macroalgae : physiological and biochemical ecology, molecular, phylogeny, and aquaculture” Grant Reference Number HPMP-CT- 2001-00268; 240000 E; April 2004- Jan 2005 – team member as research fellow. Se web: http://cordis.europa.eu/project/rcn/64248_en.html	Lipsa numarului total de membri si colaboratori implica necuantificarea temporara a acestui grant: 240/?

	Granturi si contracte in tara 23. National Council for Scientific Research in Higher Education, Modeling and simulating processes for liquid fluxes depollution, regarding property transfer. GRANT CNCISIS, tip A, contract 33557/2003, Tema 21, cod CNCISIS 316, PI: prof. dr. eng. Maria Gavrilescu, 6750 RON, - team member as PhD	Lipsa numarului total de membri si colaboratori implica necuantificarea temporara a acestui grant: 6.7/?
	24. National Council for Scientific Research in Higher Education, Bioremediation of environmental polluted media using chemical engineering and biotechnologies specific processes. GRANT CNCISIS, tip A, contract 40222/2003, Tema 13, cod CNCISIS 774 PI: prof. dr. eng. Matei Macoveanu, 8250 RON,- team member as PhD.	Lipsa numarului total de membri si colaboratori implica necuantificarea temporara a acestui grant: 8.2/?
	TOTAL 9	898.406
	10. Contracte de cercetare în mediul de afaceri și sectorul public	organizații internaționale: 100 puncte pentru fiecare 100.000 Euro firme multinaționale: 100 puncte pentru fiecare 100.000 Euro firme naționale: 50 puncte pentru fiecare 500.000 Euro organizații administrative naționale: 40 puncte pentru fiecare 500.000 Euro alte organizații publice de nivel național: 30 puncte pentru fiecare 500.000 Euro
	11. Brevete	internaționale: 100 puncte / număr de autori naționale: 30 puncte / număr autori
	12. Citări și recenzii ale lucrărilor științifice	Reviste de specialitate din străinătate: (10 + 20 x factor de impact) / număr autori, pentru fiecare citare Reviste de specialitate din tara: (5+10 x factor de impact) / număr autori, pe ntru fiecare citare monografiile academice din străinătate: 50 puncte / număr autori, pentru fiecare citare

		monografii academice din țară: 25 puncte / număr autori, pentru fiecare citare
Citari: 102 according to Thomson, Web of Science Core Collection Database via ResearcherID, (http://www.researcherid.com/rid/F-9765-2012) H index: 7 (researcherid.com)		2698.089 (vezi anexa calcul citari)
Recenzii pentru <ul style="list-style-type: none"> Journal of Environmental Management; Environmental Engineering and Management Journal; Bioresource Technology; Desalinization; Archives of Microbiology; Langmuir Industrial and Engineering Chemical Research 		
TOTAL 12		2698.089
13. Lucrări susținute în calitate de invitat la manifestări științifice (conferințe, congrese, simpozioane, seminarii și ateliere de lucru)		străinătate: 25 puncte pentru fiecare activitate țară: 10 puncte pentru fiecare activitate
Manifestari internationale		25
1. <u>Loredana Brinza</u> Advanced synchrotron μ -XAS, μ -XRF and μ -XRD techniques applied to environmental mineralogy research, Research in Progress Meeting, Durham, UK, 25 September 2014 (keynote speaker)		
2. <u>Loredana Brinza</u> , Maria Gavrilescu, Matthew Dring, Biosorption Cu (II) and Cr (VI) by dead <i>Fucus vesiculosus</i> , University of Minho, September 25, 2005, Portugal - short communication;		25
3. <u>Loredana Brinza</u> , Otilia Brinza, Maria Gavrilescu, Liane G. Benning, Matthew J. Dring, Heavy metals biosorption by marine brown algae: <i>Ascophyllum nodosum</i> , <i>Fucus vesiculosus</i> , <i>Sargassum muticum</i> , <i>Laminaria digitata</i> , , University of Minho, September 25, 2005, Portugal - short communication;		25
Manifestari din tara		10
4. <u>Loredana Brinza</u> , Synchrotron XAS, μ -XRF and ED-XRD applied in biogeochemistry research, National Institute of Material Physics, Magurele, Romania, 22 January, 2014 (lecture), pentru confirmare si detalii contactati: Dr. C MTeodorescu la		

teodorescu@infim.ro	
TOTAL 13	85
14. Profesor/cercetător invitat la universități/institute de cercetare	străinătate: 25 puncte pentru fiecare activitate țară: 10 puncte pentru fiecare activitate
1. Marie Curie Individual fellowship at the University of Leeds, Leeds, United Kingdom funded by the European Community under the Fifth Framework (FP5): EU Marie Curie BIOASSESS "Biodiversity assessment and conservation science" Grant Reference Number EVK2-CT-2000-57122, 285000 E, Feb 2005 – April 2005 – team member as research fellow; see web: http://cordis.europa.eu/project/rcn/72350_en.html	25
2. Marie Curie Training Site fellowship at the Queen's University of Belfast, Belfast, Northern Ireland, United Kingdom funded by the European Community under the Fifth Framework (FP5): EU Marie Curie Action, "Marine macroalgae : physiological and biochemical ecology, molecular, phylogeny, and aquaculture" Grant Reference Number HPMP-CT- 2001-00268; 240000 E; April 2004- Jan 2005 – team member as research fellow. Se web: http://cordis.europa.eu/project/rcn/64248_en.html	25
TOTAL 14	50
15. Editor/Membru în Editorial Board & Advisory Board	-reviste cotate <i>Web of Science</i> : editor, 30 puncte pentru fiecare revistă membru, 20 puncte pentru fiecare revistă -reviste internaționale și alte reviste ale Universității: editor, 15 puncte pentru fiecare revistă; membru, 10 puncte pentru fiecare revistă
16. Premii internaționale obținute printr-un proces de selecție	100 puncte / categorie / număr personae
1. Prized participation to Diamond Light Source Synchrotron User Meeting: <u>Loredana Brinza</u> , J. Fred W. Mosselmans, Paul F. Schofield, Paul D. Quinn and Mark E. Hodson, Earthworms immobilise Sr within bio-synthesised calcium carbonate granules,	20

	Synchrotron User Meeting 7-8th September 2011 - prized poster;	
	2. Research Student Publication Prize competition awarded letters of commendation sent by the Head of School of Earth and Environmental, University of Leeds, February 2011	100
	TOTAL 16	120
	17. Premii ale Academiei Române	50 puncte / categorie / număr persoane
	18. Alte premii naționale ale instituțiilor culturale	20 puncte / categorie / număr persoane
	19. Participări la manifestări științifice	<p>internationale: președinte comitet organizare/consiliu științific, 25 puncte pentru fiecare activitate; membru comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; moderator de panel, 15 puncte pentru fiecare activitate; raportor pe secțiuni/paneluri, 10 puncte pentru fiecare activitate</p> <p>naționale: președinte comitet organizare/consiliu științific, 15 puncte pentru fiecare activitate; membru comitet organizare/consiliu științific, 5 puncte pentru fiecare activitate; moderator de panel, 5 puncte pentru fiecare activitate; raportor pe secțiuni/paneluri, 2 puncte pentru fiecare activitate</p>
II. ACTIVITATE	1. Tratatate și manuale universitare	30 puncte la 100 pagini / număr de autori

A DIDACTICĂ (30%)	2. Proiecte didactice (înființare/dotare laboratoare licență, master, săli workshop, biblioteci proprii facultăților, departamentelor, laboratoarelor și grupurilor de cercetare)	40 puncte pentru fiecare activitate
	3. Materiale suport curs, seminar, lucrări practice și programe analitice detaliate	10 puncte pentru fiecare activitate
	4. Organizare de aplicații și practică de specialitate	5 puncte pentru fiecare activitate
	1. University of Leeds, School of Earth Science, Laborator Geochemical modelling pentru studenti la Master, 2008-2009.	5
	2. Universitatea Tehnică Gh. Asachi Iași, Facultatea de Chimie Industrială, Laborator IPCB cu studenții anului 3 la Ingineria Mediului, 2002-2003	5
	TOTAL 4	10
	<u>TOTAL I+II=</u>	<u>4698.39</u>