

PERSONAL INFORMATION

Iordache Virgil Alexandru



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 Teaching pages:
<http://studentecologie.blogspot.ro/> <https://www.facebook.com/ecologienaturacultura>
 Research page:
https://www.researchgate.net/profile/Virgil_Iordache
 Sex M | Date of birth 10/03/1969 | Nationality Romanian

POSITION
PERSONAL STATEMENT

Teacher and researcher at the University of Bucharest
 Experienced in the design and implementation of complex interdisciplinary projects in the area of environmental sciences, philosophy of science and institutional development

WORK EXPERIENCE

from 1st December 1993 – to present

Technician 1993 – 1994
 Junior teaching positions 1994 – 2007, Lecturer 2007 - 2020 Associate Professor since 2020
 Junior researcher 1995 – 1998, Senior researcher since 2007
 Director of “Dan Manoleli” Research Centre for Ecological Services – CESEC since 2010
 All at the University of Bucharest
 ▪ Teaching and research
 Business or sector Research and education

EDUCATION AND TRAINING

1988 - 1993
 1995 – 2003
 1991 (interrupted in 1995) - 2004

BSc and MSc in Biochemistry
PhD in Ecology
BSc in moral and political Philosophy
 (unfinished PhD programs in philosophy of biology and in eco-hydrology)
 University of Bucharest, Romania
 DAAD grant at Friedrich-Schiller University of Jena. Professional training in project management, research management in universities, and financial management in universities

Replace with EQF (or other) level if relevant

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1	B1	B1	B1	B1
Replace with name of language certificate. Enter level if known.					
French	B1	B1	B1	B1	B1

Replace with name of language certificate. Enter level if known.

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills Good oral and written communication skills as a result of teaching and publishing experience

Organisational / managerial skills Director of a research centre from 2010
 Director of 4 large national project, of 1 international, responsible for Romanian partner in 1 international, team member in many international projects.

Job-related skills Excellent knowledge of inter-disciplinary and trans-disciplinary approaches in environmental teaching and research.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient	Proficient	Independent	Basic	Basic

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Other skills Photography

Driving licence A, B

ADDITIONAL INFORMATION

Publications 9 international chapters, 7 national books/chapter, 20 articles in ISI journal, of which 7 as main author

Honours and awards Emil Racoviță Award of the Romanian Academy for a monographic book

Citations 244 on Web of Science - Publons Hirsch 8, 507 on Google Scholar Hirsch 12

ANNEXES

List of publications and research contracts Annex 1

26th April 2020



Lista de lucrări
Și calculul punctajului

Nr. Crt.	Parametrul	Punctaj	
1. Activitatea didactică și profesională (A1)			
	Cărți/Capitole în cărți de specialitate/Monografii (cu ISBN)		
	Internaționale	115.2	Nr. Pagini
1.1.	1. Iordache Virgil , On the possibility of accelerating succession by manipulating soil microorganisms in Plant microbiome paradigm (eds. Varma, A., Tripathi, S., Prasad, R.) 2–37 (Springer-Verlag Berlin Heidelberg, in press)		0
	2. Neagoe Aurora, Iordache Virgil , and Erika Kothe, 2013, <i>Upscaling the Biogeochemical Role of Arbuscular Mycorrhizal Fungi in Metal Mobility</i> . In Goltapeh, Ebrahim Mohammadi; Danesh, Younes Rezaee; Varma, Ajit (eds.), <i>Fungi as Bioremediators</i> , pp. 285-312. Springer, ISBN 978-3-642-23326-5		27
	3. Iordache Virgil , Lacatusu Radu, Daniel Scradeanu, Marilena Onete, Stelian Ion, Ioana Cobzaru, Aurora Neagoe, Florian Bodescu, Denisa Jianu, Dorina Purice, 2012, <i>Contributions to the theoretical foundations of integrated modeling in biogeochemistry and their application in contaminated areas</i> . In Kothe E., Varma A. (eds.), <i>Biogeointeractions in contaminated soils</i> , pp. 385-416, ISBN 978-3-642-23326-5		31
	4. Jianu Denisa, Iordache Virgil , Barbara Soara, Lucian Petrescu, Aurora Neagoe, Cezar Iacob, Răzvan Orza. <i>The Role of Mineralogy and Geochemistry in Hazard Potential Assessment of Mining Areas</i> . In Kothe E., Varma A. (eds.), <i>Biogeointeractions in contaminated soils</i> , pp. 35-79. Springer, pp. 35-79, ISBN 978-3-642-23326-5		44
	5. Neagoe Aurora, Iordache Virgil , Ileana Farcasanu. <i>The Role of Organic Matter in the Mobility of Metals in Contaminated Sites</i> . In Kothe E., Varma A. (eds.), <i>Biogeointeractions in contaminated soils</i> . Springer, pp. 297-325, ISBN 978-3-642-23326-5		28
	6. Farcasanu Ileana, Matache Mihaela, Iordache Virgil , Aurora Neagoe, 2012, <i>Hyperaccumulation: a Key to Heavy Metal Bioremediation</i> . In Kothe E., Varma A. (eds.), <i>Biogeointeractions in contaminated soils</i> . Springer, 251-278, ISBN 978-3-642-23326-5		27
	7. Iordache V. , E. Kothe, A. Neagoe, F. Gherghel, 2011, <i>A conceptual framework for up-scaling ecological processes and application to ectomycorrhizal fungi</i> , in Rai M., Varma A. (ed.) <i>Diversity and Biotechnology of Ectomycorrhiza</i> , Springer, 255-299, ISBN 978-3-642-15196-5		44
	8. Iordache, V. , F. Bodescu, A. Neagoe, 2005, <i>Management of riparian forests in a macrolandscape context</i> , in Bolscher, J., H. Meixner, I. Schnauder, V. Iordache (Eds.), <i>Hydraulic, Sedimentological and Ecological Problems of Multifunctional Riparian Forest Management - RipFor Guidelines for End-</i>		53

	Users, Berliner Geographische Abhandlungen, ISBN3-88009-067-x, B1-B53	
	9. Vadineanu, A., S. Cristofor, V. Iordache , 2001, <i>Lower Danube River System biodiversity changes</i> , In: B. Gopal, W. J. Junk and J. A. Davis (Eds), Biodiversity in Wetlands: Assessment, Function and Conservation, Backhuys Publishers, 29-63 ISBN 90-5782-059	34
	Naționale	151
	Iordache V. , 2015, O explorare a fundamentelor eticii inter-personale, în Bălan M., Mureșan V, Etica în știință, religie și societate, Ed. Universității din București, 83-102	40
	Iordache V. , 2010, Reconstrucția obiectelor productive din "Originea Speciilor", in Mircea Flonta, Laurentiu Staicu, Virgil Iordache (eds.), 2010, Darwin și gândirea evoluționistă, Ed. Pelican, Giurgiu, 75-108, ISBN 978-973-1993-15-7	43
	Iordache V. , 2009, Ecotoxicologia metalelor în complexul de ecosisteme din Insula Mică a Brăilei, Ed. Ars Docendi, București, ISBN 973-558-233-3	339
	Iordache V. , 2008, Explorari dincolo de individualism si holism, Ed. Ars. Docendi, București, 2008, ISBN 978-973-558-383-5	225
	Iordache V. , 2009, Conceptul general de evolutie, in Staicu L. (editor) Rationalitate si evolutie: explorari filosofice ale complexitatii, Ed. Universității din București, 83-155. ISBN 978-973-737-665-7	73
	Iordache V. , 2008, Sensul sintezei din teoria sintetică a evoluției, în Iordache Virgil (coord.), Biologia ca forma a culturii, Ed. Ars Docendi, București, 86-95, ISBN 978-973-558-380-4	10
	Cristofor S., Iordache V. , A. Vadineanu, 1999, Analiza funcțională a sistemelor ecologice, în "Dezvoltarea Durabilă – metode și instrumente", vol 2., Editura Universității din București, 227-251, ISBN 973-575-333-2	25
	Manuale/Suport didactic: lucrări didactice, îndrumare de laborator, proiectare etc. (în acord cu structura postului)	54.1
1.2.	Iordache V. , 2017, Note de curs pentru Managementul diversității biologice și bibliografie de 400 de titluri structurată pe teme cu comentarii, http://studentecologie.blogspot.ro/2017/05/managementul-diversitatii-biologice-o.html	66
	Iordache V. , 2017, Note de curs pentru Deteriorarea sistemelor ecologice, https://drive.google.com/file/d/0B6lX-Y0Osl0YbHg2MUtaZWITX2c/view	90
	Neagoe A., Iordache V. , Farcasanu I, 2011, Remedierea zonelor poluate, Ed. Universitatii din Bucuresti, 195 pp, ISBN 978-973-737-907-8	195
	Iordache V., 2006, Lucrari practice de ecologie, http://www.cesec.ro/pdf/LP%20ecologie%20ciorna%20Virgil%	190

	20Iordache.pdf , 190 pagini		
Other	Coordination of licence theses and dissertations	170	170
2. Activitatea de cercetare (A2)			
2.1.	Articole <i>in extenso</i> în reviste cotate ISI Thomson Reuters	1885.04	Factor impact
	Manu M., Honciuc V., Neagoe A., Băncilă R. I., Iordache V. , Onete M., 2019, Soil mite communities (Acari: Mesostigmata, Oribatida) as bioindicators for environmental conditions from polluted soils, Scientific Reports, 9, 20259		4.122
	Constantinescu P., Neagoe A., Nicoară A., Grawunder A., Ion S., Onete M., Iordache V. , 2019, Implications of spatial heterogeneity of tailing material and time scale of vegetation growth processes for the design of phytostabilisation, Science of The Total Environment, 692, 1057-1069,		5.589
	Manu M, RI Băncilă, V Iordache , F Bodescu, M Onete, 2017, mpact assessment of heavy metal pollution on soil mite communities (Acari: Mesostigmata) from Zlatna Depression–Transylvania, Process Safety and Environmental Protection 108, 121-134		2.905
	Neagoe A, G Tenea, N Cucu, S Ion, V Iordache , 2017, Coupling Nicotiana tabaccum Transgenic Plants with Rhizophagus irregularis for Phytoremediation of Heavy Metal Polluted Areas, REVISTA DE CHIMIE 68 (4), 789-795		1.232
	Nedelescu M, Daniela Baconi, Aurora Neagoe, Virgil Iordache , Miriana Stan, Paula Constantinescu, Anne-Marie Ciobanu, Alexander I Vardavas, Marco Vinceti, Aristidis M Tsatsakis, 2017, Environmental metal contamination and health impact assessment in two industrial regions of Romania, Science of The Total Environment, 50, 984-995		4.9
	Manu M, M Onete, L Florescu, F Bodescu, V Iordache , 2017, Influence of heavy metal pollution on soil mite communities (Acari) in Romanian grasslands , North-Western Journal of Zoology, 13, 200-210		0.539
	Manu M, V Iordache , RI Băncilă, F Bodescu, M Onete, 2016, The influence of environmental variables on soil mite communities (Acari: Mesostigmata) from overgrazed grassland ecosystems–Romania, Italian Journal of Zoology 83 (1), 89-97		0.921
	Ion S, D Marinescu, AV Ion, SG Cruceanu, V Iordache , 2015, Water flow on vegetated hill. 1D shallow water equation type model, Analele Universitatii" Ovidius" Constanta-Seria Matematica 23 (3), 83-96		0.422
	Ene C. D., Lavinia L Ruta, Ioana Nicolau, Claudia V Popa, Virgil Iordache , Aurora D Neagoe, Ileana C Farcasanu, 2015, Interaction between lanthanide ions and Saccharomyces cerevisiae cells, Journal of Biological Inorganic Chemistry, 20, 1097-1107		3.348

Păun A, Neagoe A., Păun M., Baci I., Iordache V. , 2015, Response of oxidative stress variables, proteins and chlorophyll in three plant species caused by moderate soil pollution with toxic elements, Polish Journal of Environmental Studies, 24(3), DOI: 10.15244/pjoes/30935	0.6
Păun A, Neagoe A., Păun M., Baci I., Iordache V. , 2015, Heavy metal induced differential responses to oxidative stress and protection by mycorrhization in sunflower grown at lab and field scales, Polish Journal of Environmental Studies, 24(3), DOI: 10.15244/pjoes/32099	0.6
Ion S, Marinescu D., Cruceanu Ș. D., Iordache V. , 2014, A data porting tool for coupling models with different discretization needs, Environmental Software and Modelling, 62, 240-252	4.538
Ruta, LL, Popa, VC, Nicolau, I, Danet, AF, Iordache V. , Neagoe, AD, Farcasanu, IC, 2014, Calcium signaling mediates the response to cadmium toxicity in <i>Saccharomyces cerevisiae</i> cells, FEBS Letters, 588(17), 3202-3212	3.341
Nicoara A., Aurora Neagoe, Paula Stancu, Giovanni de Giudici, Francesca Langella, Anna Rosa Sprocati, Iordache V. , Erika Kothe, 2014, Coupled pot and lysimeter experiments assessing plant performance in microbially assisted phytoremediation. Environmental Science and Pollution Research, 21(11), 6905-6920	2.618
Neagoe A., Paula Stancu, Andrei Nicoară, Marilena Onete, Florian Bodescu, Roxana Gheorghe, Iordache V. , 2014, Effects of arbuscular mycorrhizal fungi on <i>Agrostis capillaris</i> grown on amended mine tailing substrate at pot, lysimeter, and field plot scales. Environ Sci Pollut Res, 21(11), 6859-6876	2.618
Neagoe A., Iordache V. , Hans Bergmann† and Erika Kothe, 2013, Patterns of effects of arbuscular mycorrhizal fungi on plants grown in contaminated soil. Journal of Plant Nutrition and Soil Science, 176, pp. 273-286	1.663
Iordache V. , S. Ion, A. Pohoăț, 2009, Integrated modeling of metals biogeochemistry: potential and limits, Chemie der Erde - Geochemistry, 69, 125-169.	1.261
Iordache V. , Gherghel F, Kothe E, 2009, Assessing the Effect of Disturbances on Diversity of Ectomycorrhiza. Int. J. Environ. Res. Public Health, 6(2):414-432	1.998
Neagoe A., D. Merten, Iordache V. , G. Buechel., 2009, The effect of bioremediation methods involving different degrees of soil disturbance on the export of metals by leaching and by plant uptake. Chemie der Erde - Geochemistry, 69, pp. 57-73.	1.261

	Pinay G., Gumiero B. Tabacchi E. Gimenez O. Planty-Tabacchi A. M., Hefting M., Burt T., Black V., Nilsson C., Iordache V. , Bureau F. Vought L., Petts G., Décamps H., 2007, Patterns of denitrification rates in European alluvial soils under various hydrological regimes, <i>Freshwater Biology</i> , 52, 252-266	-	2.65
2.2.	Brevete de invenție		
	Internațională		
	2.		
	Națională		
2.3.	1.		
	Articole în reviste și volumele unor manifestări științifice, indexate în baze de date internaționale; ISI proceedings	120	Punctaj
	Neagoe A., Constantinescu P., Nicoara A., Onete M., Iordache V. , 2020, Data from experiments with tailing material and <i>Agrostis capillaris</i> at three scales: pot, lysimeter and field plot, <i>Data in Brief</i> , 28, 104964 (PubMed Central, PubMed/Medline, Scopus, ESCI, DOAJ)		5
	Iordache, V. , 2005, Systemism and management: two need disciplines in an environmental curriculum, <i>J. Env. Protection and Ecology</i> , 6(1), 212-217, ISSN 1311-5065 (Chemical Abstracts)		5
	Iordache, V. , 2003, The difficulties in assessing the effects of the Yugoslavian conflict in the Lower Danube River System pointed out the need for changing the monitoring system, <i>J. Env. Protection and Ecology</i> , 4(3), 557-563, ISSN 1311-5065 (Chemical Abstracts)		5
	Visan L., Sandu R., Iordache V. , Neagoe A. (2008) Influence of microorganisms community structure on the rate of metals percolation in soil, <i>Analele stiintifice ale UAIC - Geologie</i> , 53: 79-88 (GeoRef, ProQuest)		5
	Iordache, V. , F. Bodescu, 2005, Emergent properties of the Lower Danube River System: consequences for the integrated monitoring system, <i>Arch. Fur Hydrobiologie. Suppl.</i> 158, (Large Rivers 16), ISSN 0945-3784, 95-128 (Zoological Records, BIOSIS Previews, Google Scholar)		5
	Iordache, V. , F. Bodescu, M. Dumitru, 2005, Elements sustaining the lobby for the restoration of the Big Island of Braila (Danube floodplain), <i>Arch. Fur Hydrobiologie. Suppl.</i> 158/1-4 (Large Rivers 15/1-4), ISSN 0945-3784, 677-692 (Zoological Records, BIOSIS Previews, Google Scholar)		5
	Iordache, V. , 2004, The constitution from the point of view of human ecology (in Romanian), <i>Sfera Politicii</i> , 106, 29-32 (EBSCO, GEOAL, Copernicus)		5
Iordache V. , Onete M, Pauca M, Oromulu L, Honciuc V, Purice D, Cobzaru I, Gomoiu I, Neagoe A (2010) Biological communities in mining areas: scale dependent patterns, organisms' potential as bioindicators, and native plants for remediation. <i>Proceedings 7th European Conference on Ecological Restoration</i> , Avignon, France, 23-27/08/2010, http://ser.semico.be/ser-pdf/EA_SER2010_313.pdf (Google		5	

Scholar)	
Bodescu F., Iordache V. , 2010, Modelling hydrological processes to evaluate alternatives for ecological reconstruction in the Danube floodplain near Braila, in Proceedings of the 38th IAD conference, Dresda Germany, CD format, 4 pagini (Google Scholar)	5
Iordache V. , Neagoe A., Bergmann H., Kothe E., Buechel G., 2006, "Factors influencing the export of metals by leaching in bioremediation experiments. 23. Arbeitstagung in Jena, Lebensnotwendigkeit und Toxizität der Mengen-, Spuren- und Ultraspurenelemente, 288-295, ISBN 3-929526-85-9, ISSN 1430-9637 (Google Scholar)	5
Neagoe A., Iordache V. , René Mascher, B. Knoch, E. Kothe, H. Bergmann, 2006, "Lysimeters experiment using soil from a heavy metals contaminated area", 23. Arbeitstagung in Jena, Lebensnotwendigkeit und Toxizität der Mengen-, Spuren- und Ultraspurenelemente, Friedrich - Schiller Universität, 568-575, ISBN 3-929526-85-9, ISSN 1430-9637 (Google Scholar)	5
Iordache, V. , F. Bodescu, 2004, Emergent properties of the Lower Danube River System: the consequences for the integrated monitoring system (extended abstract), Internat. Assoc. Danube Res., 35, 101-108, ISBN 86-82259-33-8 (Google Scholar)	5
Neagoe, A., R. Mascher, Iordache V. , K. Voigt, B. Knoch, H. Bergman, 2004, The influence of vesicular arbuscular mycorrhiza Glomus intraradiceae on mustard (Sinapis alba L.) grown on a soil contaminated with heavy metals, Mengen und Spuren Elemente, 22, 597-606 (Google Scholar, Worldcat)	5
Iordache, V. , E. Kothe, 2004, Systems biology: a strategic European priority underpinning the ecotoxicological and nutritional risk assessment, Mengen und Spuren Elemente, 22, 1112-1117, ISBN 3-929526-79-4, ISSN 1430-9637 (Google Scholar, Worldcat)	5
Neagoe, A., Iordache V. , T. Altorfer, 2002, Risk sources due to metals in the Danube floodplain, Mengen und Spuren Elemente, 21, 77-82 (Google Scholar, Worldcat)	5
Neagoe, A., Iordache V. , T. Altorfer. M. Anke, 2000, Die Spurenelemente Mangan, Zink, Kupfer und Molybdän in der Nahrungskett des Menschen eines teerbelasteten Lebensraumes (Rositz, Thüringen), Mengen-, Spuren- und Ultraspurenelemente in der Pravention, 16: 45-53 (Google Scholar, Worldcat)	5
Vadineanu, A., Iordache, V. , Neagoe, A., Cristofor, S., Cociug, C., Postolache, C., 2000, Research direction in landscape ecotoxicology, Mengen und Spuren Elemente, 20, 220-227 (Google Scholar, ISI Proceedings)	5

	Cristofor, S., A. Sarbu, A. Vadineanu, G. Ignat, Iordache V. , C. Postolache, C. Dinu, C. Ciubuc, 1997, Effects of Hydrological Regimen on Riparian Vegetation in the Lower Danube Floodplain Internat. Assoc. Danube Res., 32, 233-237, ISBN 3-9500723-0-6 (Google Scholar)		5
	Vadineanu, A., S. Cristofor, G. Ignat, Iordache V. , A. Sarbu, C. Ciubuc, G. Romanca, I. Teodorescu, C. Postolache, M. Adamescu, C. Florescu, 1997, Functional assessment of the Wetlands Ecosystems in the Lower Danube Floodplain, Internat. Assoc. Danube Res., 32: 463-467, ISBN 3-9500723-0-6 (Google Scholar)		5
	Iordache V. , C. Postolache, A. Vadineanu, S. Cristofor, G. Ignat, M. Onete, 1997, Effects of hydrological conditions on denitrification in the lower Danube floodplain, Internat. Assoc. Danube Res., 32: 404-408, ISBN 3-9500723-0-6 (Google Scholar)		5
	Postolache, C., Iordache V. , A. Vadineanu, G. Ignat, S. Cristofor, A. Neagoe, C. Florescu, F. Bodescu, 1997, Effects of hydrological conditions on the dynamic of nutrients in the lower Danube floodplain, Internat. Assoc. Danube Res., 32: 5-10, ISBN 3-9500723-0-6 (Google Scholar)		5
	Neagoe, A., Iordache V. , F. Bodescu, S. Cristofor, A. Vadineanu, 2001, The gradient of heavy metals in new deposited sediments in the Danube floodplain, Proceedings of the "Deltas and Wetlands" International Symposium, Tulcea, 134-141 (DOAJ, Copernicus)		5
	Iordache, V. , S. Cristofor, A. Vadineanu, 2001, Functional analyses of the Lower Danube wetlands by FAEWE/PROTOWET procedure, Proceedings of the "Deltas and Wetlands" International Symposium, Tulcea, 98-103, ISBN 973-31-2116-9 (DOAJ, Copernicus)		5
	Iordache, V. , S. Cristofor, A. Vadineanu, 2001, Optimization pathways of the decision making process regarding the ecotoxicological effects in the Lower Danube River System, Proceedings of the "Deltas and Wetlands" International Symposium, Tulcea, 91-97, ISBN 973-31-2116-9 (DOAJ, Copernicus)		5
	Granturi/proiecte câștigate prin competiție		
	Internaționale (cel puțin 5000 Euro)	270	Echivalent Euro
2.4.	1. Hydraulic, Sedimentological, and Ecological Problems of Multifunctional Riparian Forest Management EC DG XII, NAS, 2002-2003. 40000 Euro		40000
	2. Assessment and Reduction of Heavy Metal Inputs into Agro-Ecosystems EC DG XII, NAS, 2002-2003, 10000 Euro		10000
	3. Decision support system for areas heavily polluted with metals (DEMOS), Marie-Curie European reintegration grant (of a former fellow at the University of Jena), EC-DGXII, 2005-2006, 40000 Euro		40000
	Naționale (cel puțin echivalentul a 5000 Euro)	4787	

	1. Modelarea matematică a rolului carbonului organic dizolvat în exportul de metale prin percolare în zone contaminate cu metale, CNCSIS, 2006-2008, 19270 RON (director), exchange rate at 3rd Jan 2006 BNR		5241
	2. Consolidarea infrastructurii de cercetare pentru biogeochimia microelementelor – INFRABIM, , ANCS Capacitati, 2007-2009, 1999100 RON (director), exchange rate at 3rd Sep 2007 BNR		612713
	3. Bilantul metalelor grele in agrosistemele din Romania - METAGRO CNMP (PN2 – parteneriate), 2008-2011, 666261 RON (director), exchange rate at 1st Sep 2008 BNR		189257
	4. Accounting for the service providing units of plants in the environmental assessment of plans and projects with biogeochemical impact at multiple scales in Rivers basins, ASPABIR, UEFISCDI, 2012-2016, 1999500 RON (director), exchange rate at 2nd Sep 2012 BNR		445343
	5. Tools for modeling processes at the interface between water, soil, plants and air in order to promote the sustainable management of groundwater dependent ecosystems and their integrating river basins, INTER-ASP, UEFISCDI, 2018-2020, 5287500 RON (deputy director and responsible for UB partner), exchange rate at 5th Feb 2018 BNR		1140851
3. Recunoașterea și impactul activității (A3)			Citări
3.1.	Citări în reviste ISI Thomson Reuters conform, fără autocitări: 177 (2 ianuarie 2020)	531	177

Crit 1		320.30
Crit 2		7061.85
Crit 3		531.00
Altele		170.00
Total general		8083.15

2 ianuarie 2020