



Curriculum vitae Europass



Personal information

First names / Surname **Răus, Lucian**
Address str. Aleea Tineretului, nr.16, sat Breazu, com Rediu, jud. Iasi
Telephone(s) +40 232 407430 Mobil: 0744 179237
Fax
E-mail rauslucian@yahoo.com , rauslucian@uaiasi.ro,
Nationality Romanian
Data nașterii 2.03.1976
Gender Male

Job vacancies / domain

- Associate Professor, I/9, academic year 2016 – 2017

Work experience

Dates	2007- present
Occupation or position held	Lecturer
Main activities and responsibilities	Education and researches activities
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Education and researches activities
Dates	2006-2007
Occupation or position held	Teaching assistant
Main activities and responsibilities	Education and researches activities
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Education and researches activities
Dates	2002-2004
Occupation or position held	Chief agronomist
Main activities and responsibilities	Chief agronomist in the Didactic Station of Ezareni, Iasi
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Agriculture
Dates	2001-2002
Occupation or position held	Personnel manager
Main activities and responsibilities	Management
Name and address of employer	Asociația de dezvoltare rurală "Matca", city Roman, Neamț.
Type of business or sector	Agriculture

Experience in implementation of investment programs and research

European funds

Dates	2010-2015
Occupation or position held	Technical and scientific expert
Program / Project	POS CCE – AXA 2 Operațiunea O 2.2.1 ID project: 932 Nr. SMIS: 13976, Contract 247/ 28.09.2010 – Research Institute For Agriculture And Environment / I.C.A.M.
Budget	42.860.000 lei (10.204.762 euro)
Main activities and responsibilities	Secretariat of manage the technical logistical aspects. Responsible for the accounting dimension of project reports and payment requests. Organizes and archives financial documents of the project. Participates in the interim and final reports. Participates in the work of advertising the project.
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Investment in research infrastructure
Dates	2010-2014
Occupation or position held	Project manager
Program / Project	POS CCE – AXA 2 Operațiunea O 2.1.2 Cod SMIS-CSNR 12687 Project ID nr. 714, Contract nr. 153/11.06.2010 - Studies of molecular genetics regarding the adaptation of rapeseed to conditions of biotic and abiotic stress, and the optimisation of cultivation technology for the extension of cultivating / GENOBRASS http://www.uaiasi.ro/POSCCE/GENOBRASS/
Budget	6.817.657 lei (1.623.252 euro)
Main activities and responsibilities	Project management and researches activity.
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Research activity

Private funds

Dates	2013-2014
Occupation or position held	Researcher
Program / Project	Private funds, Applied research, SC AGRANA ROMANIA S.A. - Testarea toleranței unor hibrizi de sfeclă pentru zahăr de perspectivă și optimizarea tehnologiei de combatere a ciupercii <i>Cercospora beticola</i> Sacc.
Budget	33.000 lei (7.500 euro)
Main activities and responsibilities	Research activity in experimental fields
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Research activity
Dates	2013-2014
Occupation or position held	Researcher
Program / Project	Private funds, Applied research, SC YORK.MSG. SRL, Contract nr. 14703/05.08.2014 – Testarea unor cultivare de rapita, grau, floarea soarelui, porumb si sfecla de zahar pentru optimizarea tehnologie de aplicare a produsului de tip Soil conditioning „Matab”.
Budget	90.000 lei (20.000 euro)
Main activities and responsibilities	Research activity in experimental fields
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro



Type of business or sector	Research activity
National founds	
Dates	2007-2010
Occupation or position held	Scientific coordinator/ Director of project (Decizia nr. 28/05.02.2009 USAMV Iasi)
Program / Project	PNCDI II, Contract PC, nr. 51-017/2007: Managementul resurselor de sol si apa in agroecosistemele afectate de seceta excesiva in vederea mentinerii biodiversitatii. http://www.uaiasi.ro/PN_2/MOLDOTECH/index.html
Budget	1.996.000 lei (604.848 euro)
Main activities and responsibilities	Project management and researches activity.
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Research activity
Perioada	2007-2010
Occupation or position held	Researcher / Director of project (Decizia nr. 28/05.02.2009 USAMV Iasi)
Program / Project	PNCDI II, Contract IDEI, cod CNCIS 671: Influenta sistemelor neconventionale de lucrare a solului asupra durabilitatii si biodiversitatii ecosistemelor agricole. www.univagro-iasi.ro/PN_2/ID/ID_671/index.html
Budget	990.000 lei (300.000 euro)
Main activities and responsibilities	Project management and researches activity.
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Type of business or sector	Research activity
Experience in other research programs	
Occupation or position held	Researcher
Main activities and responsibilities	Research activity in experimental fields and laboratories
Name and address of employer	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro University AL. I. Cuza Iasi
Type of business or sector	Research activity



Program / Project (Selectiv)	<p>PNCDI II, Contract PC, nr. 51-045/14.09.2007: Exploatarea durabila a resurselor de sol din spatii protejate prin implementarea tehnologiilor ecologice si dezvoltarea unor metode de monitorizare si analiza compatibile cu standardele uniunii europene. http://www.uaiasi.ro/PN_2/ECOSEUMET/index.htm</p> <p>PNCDI II, Contract PC, nr. 051-011/2007 - Evaluarea efectelor amenajarii Luncii inferioare a Prutului pentru conservarea potentialului genetic al resurselor naturale si a biodiversitatii in vederea identificarii unor solutii de reabilitare a zonei</p> <p>PNCDI II, Contract IDEI, nr. 249/2007, cod CNCISIS 440: Impactul unor tulpini rizobacteriene asupra proceselor de crestere si dezvoltare la plante de soia (<i>Glycine max</i> L. Merr.).</p> <p>PNCDI II, Contract PC, nr. 51-058/2007: Elaborarea si implementarea unor modele de exploatare apicole viabile in contextul economic european. http://www.uaiasi.ro/PN_2/Albine/</p> <p>PNCDI II, Contract PC, nr. 021-055/2007: Cercetări privind utilizarea culturii porumbului ca sursa de biomasa pentru producerea de energie termică.</p> <p>Contract CEEEX: 1012/2006 – MENER – Impactul riscurilor hidro-climatice si pedo-geomorfologice asupra mediului in bazinul Barladului</p> <p>Contract CEEEX: 152/2006 - BIOTECH, MEdC, - Produse si tehnologii pentru promovarea unui sistem de agricultura durabila si pentru protectia resurselor agroecologice in Podisul Moldovei – MODOPROTEH. http://www.uaiasi.ro/CEEXURI/MOLDOPROTEH/</p> <p>Contract CEEEX: 748/2006 - Atlasul Geochimic al metalelor grele din solurile Municipiului Iasi si împrejurimi.</p> <p>Contract CEEEX: 44/2005 - BIOTECH, Ameliorarea, conservarea si valorificarea solurilor degradate prin interventia antropica in agroecosistemele din zonele colinare, pentru cresterea calitatii vietii si protectia mediului AMCOSOL, http://www.uaiasi.ro/CEEXURI/Amcosol/</p> <p>Contract CEEEX 14/2005 – AGRAL - Stabilirea sistemelor de masini pentru mecanizarea lucrarilor solului in fermele agricole din NE Romaniei, aliniata la conceptul de agricultura durabila. http://www.uaiasi.ro/CEEXURI/smmls/</p>
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Education and training

Dates	2001-2007
Title of qualification awarded	PhD degree in Agronomy, Seria E, Nr. 0008462
Principal subjects	Doctorate thesis: THE INFLUENCE OF DIFFERENT TILLAGE SYSTEMS OVER THE PHYSICAL, CHEMICAL AND BIOLOGICAL QUALITIES OF THE SOIL AND THE YIELD OF PRINCIPAL CROPS
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Level in national or international classification	Postgraduate studies
Dates	2001 - 2002
Title of qualification awarded	Postgraduate studies "Manager agricol", Master degree, Seria C, Nr. 0002092
Graduation	9.92
Principal subjects	Management in Agriculture
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Level in national or international classification	Postgraduate studies
Dates	1996 - 2001
Title of qualification awarded	Agronomist, Engineer degree, Seria B, Nr. 0017389
Graduation	9.85
Principal subjects	Agrotechnics, Soil and Water Conservation Engineering, Soil Sciences, Soil Physical Characteristics, Agricultural Crops Weed Control, Pedotechnics, Soil Erosion and Agricultural Experimental Design.
Name and type of organisation providing education and training	University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
Level in national or international classification	University studies
Dates	1997 - 2001



Principal subjects Pedagogical Seminar, Certificate of completion, Seria D, Nr. 0013488
 Graduation 9.42
 Principal subjects Pedagogy, the psychology school, sociology of education, pedagogical practic
 Name and type of organisation providing education and training University of Agricultural Sciences and Veterinary Medicine Iasi – Romania, www.uaiasi.ro
 Level in national or international classification University short studies
 Dates 1990 - 1994
 Principal subjects Electronics, High school diploma, Seria L, Nr. 103694
 Graduation 8.11
 Principal subjects Physics / Geography / Electrical / Romanian / Mathematic
 Name and type of organisation providing education and training Industrial High School Vatra Dornei
 Level in national or international classification High school graduate

Personal skills and competences

Native language Romanian

foreign language

1. English

Autoevaluare

Understanding		Speaking		Writing	
Reading		Spoken interaction		Reading	
C1	C1	B1	B1	B1	B1

Nivel european (*)

Limba

(*) [Nivelul Cadrului European Comun de Referință Pentru Limbi Străine](#)

Social skills and competences Abilities of communications and relationship
 Organisational skills Good capacities in management and organise activities
 Technical skills and competences Activities specific to a agricultural farm
 Research activity in experimental fields and laboratories
 Project management, resarches activity and investment activities
 Domenii de competenta Agrotehnica, Tehnica experimentală, Sisteme conservative de agricultura, Fizica solului, Ingineria conservării solului, Managementul resurselor de apă și sol, Combaterea integrată a buruienilor, Pedotehnica, Tehnologii agricole, etc.
 Computer skills and competences Office - very good level
 Driving licence B – since 1995

Additional information



Member of the professional societies	<p>Societatea Nationala pentru Stiinta Solului – SNRSS, din 2005 International Union of Soil Science (IUSS), din 2005 International Soil Tillage Research Organisation – ISTRO, din 2006 European Society for Soil Conservation, din 2007 Internationale Arbeitsgemeinschaft fur Bodenfruchtbarkeit (IOSDV), din 2005 Internationalen Bodenkundlichen Union (ISSS), din 2005</p>
Training	<p>2005 – Training in Soil Science Institute – Justus von Liebig – Giessen – Germania (Socrate Erasmus) 2008 - Training Eijkelkamp – Olanda 2008 – Training University Wageningen – Olanda 2009 – Training TIMAC Agro Franta 2014 – Training University Kiel – Germania.</p>
International conferences (selectiv)	<p>World Congress of Soil Science - 2014, Jeju, Coreea de Sud. 19 th ISTRO Conference , 24-28 septembrie 2012, Montevideo, Uruguay. The International Conference on Agricultural Engineering AgEng 2010 - Towards Environmental Technologies, from 6 to 8 September 2010, in Clermont-Ferrand, Franta. International Conference on Desertification in Memory of Professor John B. Thornes, (ICOD 2009), Murcia, (Spain), 16-18 September 2009 International Conference on Ecohydrology and Climate Change, Tomar, Portugal, 10th – 12th September, 2009 AgEng 2008 – International Conference on Agricultural Engineering – Agricultural & Biosystems Engineering for a Sustainable World, Crete, Greece, 23-25 iunie, 2008 15th International Congress of the ISCO, 18-23 Mai 2008, Budapest – Hungary. Soil Science - BASE FOR SUSTAINABLE AGRICULTURE AND ENVIRONMENT PROTECTION, Institute of Soil Science „Nikola Poushkarov” Sofia - Bulgaria, 13-17 Mai 2007</p>
Treatises, hand-books:	<ol style="list-style-type: none"> 1. Lucian Raus, Gerard Jitareanu, Costica Ailincăi, Denis Topa, 2013 - SISTEME DE LUCRARE A SOLULUI IN CAMPIA MOLDOVEI – CONSIDERATII PRACTICE SI TEORETICE. Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-147-125-9 2. Gerard Jitareanu, Raus Lucian, 2007 – AMELIORAREA, CONSERVAREA SI VALORIFICAREA SOLURILOR DEGRADATE PRIN INTERVENTII ANTROPICE, Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-7921-94-9, nr. pagini – 183 3 Costica Ailincăi, Gerard Jitareanu, Raus Lucian, 2013 - TEHNOLOGII ȘI METODE AGROTEHNICE PENTRU PROTECȚIA ȘI UTILIZAREA RESURSELOR AGROECOLOGICE IN CÂMPIA MOLDOVEI. Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-147-120-4, nr. pagini – 178 4. Costica Ailincăi, Gerard Jitareanu, Raus Lucian, Topa Denis, 2013 - TEHNOLOGII DE CULTURA SI METODE DE PROTECTIE A SOLULUI. Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-147-121-1, nr. pagini – 212 5. Denis Topa, Gerard Jitareanu, Lucian Raus, Costica Ailincăi, 2013 - IMPACTUL UNOR SISTEME MINIME DE LUCRARE ASUPRA PRODUCTIEI SI FERTILITATII SOLULUI. Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-147-122-8, nr. pagini – 212 6. Gheorghe Chiriac, Gerard Jitareanu, Lucian Răus, 2013 - OPTIMIZAREA TEHNOLOGIEI DE CULTURĂ A RAPIȚEI PENTRU ADAPTAREA LA CONDIȚIILE DE STRES BIOTIC ȘI ABIOTIC DIN ZONA CENTRAL-NORDICĂ A PODIȘULUI MOLDOVEI. Ed. Ion Ionescu de la Brad Iasi, ISBN 978-973-147-141-9, nr. pagini – 57
Relevant scientific papers	<p>108 Scientific papers</p> <ul style="list-style-type: none"> - 35 coordinator - 76 co-author



- Zaharia M., Onisie, T., Jitareanu, G., Raus, L., 2002 – Researches regarding the selectivity of different herbicides applied for weeds control in wheat crops. *Lucrări științifice, seria Agronomie, Iasi*, vol. 45, ISSN 1454-7414.
- Raus L., 2005 - Influența sistemului de lucrare și fertilizare asupra producției și eficienței economice la cultura porumbului în cadrul Stațiunii Didactice Iasi- Ferma Ezăreni. *Lucrări științifice, seria Horticultura Iasi*, vol. 1 (48), ISSN 1454-7376.
- Raus L., 2005 - Cuantificarea influenței unor factori de producție asupra rezultatelor economice la cultura grâului de toamnă, în cadrul unei experiențe executate în cadrul Fermei Ezăreni – Stațiunea Didactică Iasi. *Lucrări științifice, seria Horticultura Iasi*, vol. 1 (48), ISSN 1454-7376.
- Raus L., 2006 - The modification of agrochemical indices over the influence of different conventional and unconventional tillage system. *Lucrări științifice, seria Agronomie, Iasi*, vol. 49, ISSN 1454-7414.
- Raus L., G. Jitareanu, 2007 - The modification of physical properties of the soil under the influence of some conventional and unconventional tillage systems and correlation between some of the soil compactation indicators and yields. *Buletin USAMV-CN*, 63, 64/2007, ISSN 1843-5246, pag. 57-62.
- Răus L., Ailincăi, C. Balan, A. Jitareanu, G., 2008- The effect of different soil tillage systems on soil physical characteristics and crop yield of main crops from the Moldavian Plain, Romania , 15th International Congress of ISCO 18-23 May 2008, Budapest, Published by the Geographical Research Institute, Hungary, ISBN 978 963 9545 205.
- Răus Lucian, Marius Ștefan, Gerard Jitareanu, 2009 - Influența unor sisteme de lucrare asupra compoziției cantitative și calitative a microbiotei solului la cultura porumbului. *Lucrări științifice, seria Agronomie, Iasi*, vol. 52, ISSN 1454-7414.
- Raus L., D. Țopa, M.S. Cara, G. Jitareanu, 2010 - The evolution of main soil physical characteristics as influenced by unconventional tillage systems. *Analele universității din Craiova – Agricultură, Montanologie, Cadastru – Lucrări științifice*, vol. XXXX/A 2010. ISSN 1841-8317.
- Răus L., Adriana Bălan, G. Jitareanu, 2010 - Tillage effects on soil properties and rape crop production in the Moldavian Plateau, Romania. *Lucrări Științifice*, vol. 53/2010, seria Agronomie. ISSN 1454-7414.
- Raus Lucian, Gheorghe Chiriac, Denis Topa, Costica Ailincăi, Carmencita Doina Jitareanu, 2014 - The influence of tillage systems on soil physical properties and on oilseed rape yield in central-northern area of Moldavian Plateau, Romania. *World Congress of Soil Science - 2014, Jeju, Coreea de Sud*.
- Raus L., Ailincă C., Jitareanu G., 2012 - The dynamics of some physical characteristics of a chernozem under conventional and minimum tillage systems in the North-Eastern Romania. 19th ISTRO Conference , 24-28 septembrie 2012, Montevideo, Uruguay.
- Marius Mihasan, Marius Ștefan, Lucian Gorgan, Lucian Raus, Denis Topa, Simona Dunca, 2009 - New insights in PGPR - *FEBS Journal*, 276:13,170. **FI - 3,396**.
http://apps.webofknowledge.com/Search.do?product=UA&SID=NIJ4AOUMy7xVPwvXChV&search_mode=GeneralSearch&prID=ff65f7fe-f9c9-4b8b-b2ed-f05aa55f7b98
- Gabriela Mihalache, Maria Magdalena Zamfirache, Marius Mihasan, Iuliu Ivanov, Marius Ștefan, Lucian Raus, 2015 - Phosphate-Solubilizing Bacteria Associated With Runner Bean Rhizosphere, *Archives of Biological Sciences* vol 59 no.1. 2015 OnLine-First (00):37-37. DOI:10.2298/ABS141230037O. ISSN:0354-4664. eISSN:1821-4339.
<http://serbiosoc.org.rs/arch/index.htm>. <http://www.doiserbia.nb.rs/issue.aspx?issueid=2348> **FI-0,607**
- Denis Topa, Gerard Jitareanu, Costica Ailincăi and Raus Lucian, 2013 – The effect of reduced tillage on soil physical properties and winter wheat yield response. *Journal of Food Agriculture & Environment*, Vol 11 (3&4), 2013, ISSN 1459-0255. **FI - 0.2** <http://world-food.net/category/journals/2013/issue-34-2013/>
- Lucian Răus , Gerard Jitareanu , Costică Ailincăi , Lavinia Pârvan, Denis Țopa, 2016 - Impact of different soil tillage systems and organo-mineral fertilization on physical properties of the soil and on crops yield in pedoclimatical conditions of moldavian plateau. *Romanian agricultural research*, no. 33, 2016. Print ISSN 1222-4227; Online ISSN 2067-5720. <http://www.incda-fundulea.ro/rar/nr33/rar33.13.pdf> **FI - 0,36**

Ing. dr. Lucian RAUS

