



Curriculum vitae Europass

Personal information

First Name / Surname **PURDOIU ȘERBAN**
Address 1 Bibicescu St., postal code 010214, Bucharest, Romania
Telephone(s) 0745 100 949
Fax
E-mail serban.purdoiu@usamv.ro
Nationality Romanian
Date of birth 13 July 1963, Bucharest
Gender male

Desired employment / Occupational field

**UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE OF
BUCHAREST – FACULTY OF ANIMAL SCIENCE**
Assistant Professor

Work experience

Dates 2006 to present
Occupation or position held Assistant Professor, PhD – Faculty of Animal Productions Engineering and Management
Main activities or responsibilities Teaching, seminar conduction, research project creation
Name and address of employer University of Agronomic Sciences and Veterinary Medicine of Bucharest, 59 Marasti Blvd., S.1
Type of business and sector Engineering, Hydrology and river basin management, Planning and engineering in aquaculture, Topography and Surveying, Refrigeration and air conditioning in food industry

Dates 2015 to present
Occupation or position held Technical Manager
Main activities or responsibilities Initiation and management of efficiency-improving activities aimed at developing resource effectiveness of university services (investments, logistics, university park, Botanical Garden, greenhouses and solariums); proposal of action plans for reducing utility costs and finding additional financial resources.
Name and address of employer University of Agronomic Sciences and Veterinary Medicine of Bucharest – 59 Mărăști Blvd., Sector 1
Type of business and sector Technical Department

Dates	2003 -2015
Occupation or position held	Head of Technical and Investment Department
Main activities or responsibilities	<p>Initiation and management of efficiency-improving activities aimed at developing resource effectiveness in university departments; proposal and implementation of actions to reduce costs and obtain additional financing resources.</p> <p>Responsible for and coordinator of maintenance and repair works for university buildings and campus, manager of the administrative staff departments in the Faculty.</p> <p>Organization and management of the technical and investment activity, in compliance with laws and regulations in force regarding public purchase, the legal basis and quality of current repair and overhaul work, and investment in the University.</p>
Name and address of employer	University of Agronomic Sciences and Veterinary Medicine of Bucharest, 59 Marasti Blvd., S.1
Type of business and sector	Organization and management of technical and investment department, preparation of economic and technical documentation for capital works and repairs, preparation of budget implementation plan of income and expenditure for the department
Dates	1993 – 2003
Occupation or position held	Head of University campus
Main activities or responsibilities	<p>Responsible for carrying out regular business decisions in accordance with legal regulations in the field of investment, property management and development, current and capital repairs, as well as technical and administrative problems.</p> <p>Organization, management and check-up of the activities carried out by the administrative departments within the campus, as follows:</p> <ul style="list-style-type: none"> - hostel administrators; - repair and maintenance, cleaning, security department in the campus; - investment, repairs, maintenance department for hostels; - carpentry department. <p>Preparation of technical and economic documentation for the works to be performed.</p>
Name and address of employer	University of Agronomic Sciences and Veterinary Medicine of Bucharest, 59 Marasti Blvd., S.1
Type of business and sector	<ul style="list-style-type: none"> - Technical coordination, monitoring and implementation of construction, repair and maintenance works; -Social administration of hostels and canteen within the campus.
Dates	1983 - 1992
Occupation or position held	Complex project manager
Main activities or responsibilities	Provision of constructive solutions resulting from improvement studies on the application of advanced methods and execution leading to highest decrease in the consumption of scarce materials, energy-intensive materials incorporated by using local materials.
Name and address of employer	Institute of Land Reclamation Studies and Design of Bucharest
Type of business and sector	Terrace planning for establishing vineyards and fruit plantations; erosion facilities; river regulation; study of river basins

Education and training

Date	11.01.2017
Title of qualification awarded	Certificate
Principal subjects/occupational skills covered	English language
Name and type of organisation providing education and training	„Lucian Blaga” University of Sibiu Faculty of Letters and Arts Foreign Languages Centre
Date	April-June 2016
Title of qualification awarded	Professional competence certificate
Principal subjects/occupational skills covered	Military science, intelligence and public order
Name and type of organisation providing education and training	”Mihai Viteazul” National Intelligence Academy Faculty of Intelligence Studies
Date	1 March 2014 – 30 June 2016
Title of qualification awarded	Postdoctoral diploma
Principal subjects/occupational skills covered	”Postdoctoral research on implementing several eco-bioeconomic environmental protection strategies in the context of sustainable agriculture development in Romania”
Name and type of organisation providing education and training	Romanian Academy – ”Costin C. Kirişescu” National Institute for Economic Research – ”Acad. David Davidescu” Study and Research Centre for Agricultural and Forestry Biodiversity ”Postdoctoral school of domestic animal biodiversity and food biotechnologies based on eco-economics and bio-economics required by eco-sano-genesis
Date	May-July 2015
Title of qualification awarded	Postgraduate courses
Principal subjects/occupational skills covered	1. Impact of information technology on higher education, including e-learning 2. Benchmarking – concept, tools, practical applications 3. European and Romanian legislation and policies for higher education 4. Financial management
Name and type of organisation providing education and training	Quality improvement of the national higher education system in accordance with changes in the knowledge-based society and the labour market dynamics - U.S.A.M.V. Bucharest – POSDRU/155/1.2/S/139950
Date	01.12.2010 - 31.01.2013
Title of qualification awarded	Certificate in Quality management – quality implementation principles, quality and performance indicators and criteria in DL/PRL
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	Academic excellence in distance learning and part-time learning – An approach to quality European Social Fund: Investing in People POSDRU/86/1.2/S/61878

Date	01.12.2010 - 31.01.2013
Title of qualification awarded	Certificate in using the DL/PTL platform and ITC technologies for planning, organizing and running the education process
Principal subjects/occupational skills covered	
Name and type of organisation providing education and training	European Social Fund: Investing in People POSDRU/86/1.2/S/61878
Date	12.01.2012
Title of qualification awarded	Graduation certificate No.70/12.01.2012
Principal subjects/occupational skills covered	Distance education management
Name and type of organisation providing education and training	University of Agronomic Sciences and Veterinary Medicine of Bucharest
Date	2010
Title of qualification awarded	PhD Diploma
Principal subjects/occupational skills covered	Quality Management System Audit
Name and type of organisation providing education and training	UNIVERSITY OF AGRONOMIC SCIENCES AND VETERINARY MEDICINE - BUCHAREST
Date	11.06-23.06.2007
Title of qualification awarded	Course-graduation Diploma
Principal subjects/occupational skills covered	Quality Management System Audit
Name and type of organisation providing education and training	S.C. SEMQ MANAGEMENT S.R.L.
Dates	23.04-05.05.2007
Title of qualification awarded	Course-graduation Diploma
Principal subjects/occupational skills covered	Quality Management according to ISO 9000 Standards
Name and type of organisation providing education and training	S.C. SEMQ MANAGEMENT S.R.L.
Dates	02-04.03. 2007
Title of qualification awarded	Participation Certificate
Principal subjects/occupational skills covered	Legislation on public purchase contract awarding

Name and type of organisation providing education and training	KSC Training SRL for “ Public purchase contract awarding”
Dates	2003 – 2007
Title of qualification awarded	BSc Diploma
Principal subjects/occupational skills covered	Descriptive geometry, Technical drawing, Surveying and cadastre, Animal breeding technology, Agricultural engineering, Marketing, Agricultural produce processing technology, Introduction to management, Rural development, Project management
Name and type of organisation providing education and training	University of Agronomic Sciences and Veterinary Medicine of Bucharest, Faculty of Management and Economic Engineering in Agriculture
Dates	08 -10.12.2006
Title of qualification awarded	Certificate – Manager, public purchase and invesmtent
Principal subjects/occupational skills covered	Legislation on public purchase contract awarding
Name and type of organisation providing education and training	OK Service Corporation
Dates	23 -25.06. 2005
Title of qualification awarded	Internal Audit Certificate
Principal subjects/occupational skills covered	SREN – ISO 9001/2001 and SREN – ISO 19011/2003 Quality Management System
Name and type of organisation providing education and training	S.C. CONSUL CERTMAN SRL
Dates	1990 -1993
Title of qualification awarded	BSc Diploma (Engineering)
Principal subjects/occupational skills covered	Chemistry and building materials; General and Improvement Soil Science; General and Survey Engineering; Hydraulics; Statics Civil Engineering Stability and Dynamics, Geology; Geotechnics, Foundations and Geology; Hydrotechnical Engineering; Hydrology and Hydrogeology; Irrigation Planning; Civil Engineering Machines and Tools; Service Roads; Regulated Watercourses; Water Supply and Sewage; Photogrammetry and Remote Sensing.
Name and type of organisation providing education and training	University of Agronomic Sciences and Veterinary Medicine of Bucharest – Faculty of Land Reclamation and Environmental Engineering
Dates	1983 - 1987
Title of qualification awarded	BSc Diploma (Subengineer)
Principal subjects/occupational skills covered	Surveying; Hydraulics, Hydrology, Hydrogeology; Civil engineering mechanics; Reinforced concrete, agricultural and animal engineering; Mechanization and land reclamation work technology; Soil erosion control.
Name and type of organisation providing education and training	Nicolae Balcescu Agronomic Institute of Bucharest – Faculty of Agriculture, Specialization: Land Reclamation

Personal skills and competences

Mother tongue **Romanian**

Other languages **English, French**

Self-assessment	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
<i>European level (*)</i>										
English	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
French	B1	Independent user	B2	Independent user	A2	Basic user	A2	Basic user	A2	Basic user

(*) *Common European Framework of Reference for Languages*

Social skills and competences Team spirit, psycho-pedagogical activities, and management experience gained within research programs

Organizational skills and competences Good experience gained in management and team work

Technical skills and competences Experience gained in managing the Technical and Investment Department

Computer skills and competences PC operation: Microsoft Word, Microsoft Excel, Internet (mail, web)

Artistic skills and competences -

Other skills and competences Member of the Romanian Association of University Administrators

Other skills and competences Member of the General Association of Romanian Engineers

Driving licence Category B

Additional information References upon request

Annexes List of representative scientific papers and research contracts

Additional information

References available on request

- *Certificate* – Training in using the DL/PTL platform and ITC technologies for planning, organizing and running the education process – Project: Academic excellence in distance learning and part-time learning – An approach to quality, Lucian Blaga – Sibiu;
- *Certificate* - Editing printed and/or electronic DL/PFL study materials combining interactive, audio, video and multimedia techniques – Project: Academic excellence in distance learning and part-time learning – An approach to quality, Lucian Blaga – Sibiu;
- *Training certificate* in Quality management – quality implementation principles, quality and performance indicators and criteria in DL/PRL – Project: Academic excellence in distance learning and part-time learning – An approach to quality, Lucian Blaga – Sibiu;
- *Participation in the working meeting of the Management Directors’ Association organized by the Politehnica University of Bucharest, 15 7 November 2012;*
- *Participation in the Scientific Symposium of the Animal Science Faculty, University of Agronomic Sciences and Veterinary Medicine of Bucharest, 2012;*
- *Member - European Biotechnology Thematic Network Association (EBTNA);*
- *Member - European Federation of National Engineering Associations- FEANI;*
- *Member – Council of Faculty of Animal Productions Engineering and Management (2011-present);*
- *Member – General Association of Romanian Engineers;*
- *Member - Bio Romania Association of Ecological Agriculture Operators;*
- *Founding member – Bucharest Agronomia University Sports Club;*
- *Member - Baneasa Investments S.A Management Board (2015-2018);*
- *Member - Baneasa Business & Technology Park S.A Management Board (2016-2018);*
- *Participation in the working meeting of the Management Directors’ Association organized by the Transylvania University, 2014;*
- *Participation in the working meeting of the Management Directors’ Association organized by the 1 decembrie 1918 University of Alba Iulia, 2015;*
- *Deputy President - USAMVB Election Office (BEU), 2019;*

**Annex
Representative scientific
papers and Research contracts**

- A. PhD thesis
- B. Books and chapters in published books: 2;
- C. ISI Thomson Reuters indexed papers and ISI proceedings: 2
- D. BDI-indexed papers: 6
- E. Papers published in journals and proceedings (non-indexed): 12
- F. Patents: 0
- G. Contract-based research / development / innovation projects: 9

Data : 21.01.2021

PUBLICATIONS

A. PHD Thesis:

Purdoiu, Șerban. Environmental Protection Strategies in the context of sustainable agriculture development in Romania, 2010, U.S.A.M.V. Bucharest.

B. Books and chapters in published books

1. Basarabă, A.; **Purdoiu, Șerban.** *Soil Science, Practical Training*, Alma Mater Publishing, Sibiu, ISBN 973-632-244-0, 247 pp, 2005.
2. Basarabă, Adrian; Andreiași, Neculai; **Purdoiu, Șerban.** Practical compendium in soil cartography and soil-formation factors, Ceres, Bucharest, ISBN 978-973-40-0900-8, 2015.

C. ISI Thomson Reuters indexed papers and ISI proceedings

1. Jerca, IO; Cîmpeanu, Sorin Mihai; Draghici, Elena Maria; Jurcoane, S; **Purdoiu, Șerban**; Corbu, G. *The influence of organic fertilization of tomato seedlings for the unconventional crop system with perlite and peat substrate.* ROMANIAN BIOTECHNOLOGICAL LETTERS Volume: 20 Issue: 4 Pages: 10727-10736 Published: JUL-AUG 2015. (<http://apps.webofknowledge.com>)
2. **Ș. Purdoiu**; A. S. Tronac; C. P. Alecu; C. S. Dragomir; Letiția Purdoiu. *The role of geometry on livestock facilities under different types of actions.* Agriculture and Agricultural Science Procedia, 2015, (6), pp. 246-253, ISSN 2210 – 7843, 2015. Available at www.sciencedirect.com.

D. BDI-indexed papers:

1. Georgescu, B., Predoi, G., Belu, C., Ștefania Mariana Raita, Letiția Purdoiu, Oana-Mărgărita Ghimpețeanu, Florica Bărbucea, **Ș. Purdoiu.** *Morphometric analysis of Jaguar (Panthera onca) and Tiger (Panthera tigris) skulls – species on the “Red List” of the International Union for Conservation of Nature (IUCN)* - Lucrări științifice – Universitatea de Științe Agricole și Medicină Veterinară “Ion Ionescu de la Brad” Iași, 2015, Vol. 58 – Medicină veterinară, Partea 1, pp. 39-46
2. **Purdoiu, Șerban.** *Environment protection policies and instruments in the European Union vision* , Proceedings of the 37th international session of scientific communications of the Faculty of Animal Science Bucharest, 2008, pp. 50 - 55, ISSN 1224 - 4295.
3. Diniță, Georgeta; Dezmirean, D.; Nicolae, Carmen Georgeta; **Purdoiu, Șerban.** *The effect of inbreeding on the biochemical parameters in silkworms (Bombyx mori L.)*, Proceedings of the 37th international session of scientific communications of the Faculty of Animal Science Bucharest, 2008, pp. 135 - 139, ISSN 1224-4295.
4. **Purdoiu, Șerban.** Environmental protection strategies for the sustainable development of romanian agriculture in the european union, Proceedings of the 36th international session of scientific communications of the Faculty of Animal Science Bucharest, 2007, pp. 93 - 98, ISBN - 973-8905-22-1.
5. **Purdoiu, Șerban.** *Influence of the anthropic factor upon environmental conservation.* Acta Universitatis Cibensis, Agricultural Sciences Serum, Universitatea “Lucian Blaga” Sibiu, vol. 1, nr. 1 (6)/ 2006, pp. 235-242, ISSN 1582 - 8549. (http://saiapm.ulbsibiu.ro/rom/cercetare/ACTA_D/ACTA%20CIB_volum%202006.pdf)
6. **Purdoiu, Șerban.** Environment protection domain for the application of economic research on soils. *Acta Universitatis Cibensis, Agricultural Sciences Serum*, 2007, vol. 1, nr. 1 (7), Universitatea “Lucian Blaga” Sibiu, pp. 111-120, ISSN 1582 - 8549. (http://saiapm.ulbsibiu.ro/rom/cercetare/ACTA_D/ACTA%20CIB_volum%202007.pdf)

E. Papers published in journals and proceedings (non-indexed):

1. Mușat, M.; Basarabă, A.; Măgureanu, Ileana; **Purdoiu, Șerban.** Physical and chemical soil changes in the fallow lands of *Moara Domnească Farm between 1993 and 2006*, Scientific Meeting, 2007, Faculty of Agriculture Bucharest.
2. Andreiași, N.; Andreiași, Claudia; Basarabă, A.; Moise, Irina; **Purdoiu, Șerban.** Pedological field of credit rating and agro-economic evaluation of *Ciomîrlia de Jos, Tulcea County, Proceedings*, Series A, vol. 50, 2007, U.S.A.M.V., Faculty of Agriculture Bucharest, pp. 304 - 308, ISSN 1222 - 5339.
3. Andreiași, Claudia; Andreiași, N.; Panaitescu, Liliانا; Basarabă, A.; **Purdoiu, Șerban**; Simion, Enuța. Some pedological and agronomic considerations on *Lumina-Tașaul*, Proceedings, Series A, vol. 50, 2007, U.S.A.M.V., Faculty of Agriculture

Bucharest, pp. 309-314, ISSN 1222-5339.

4. Andreiași, N.; Andreiași, Claudia; Basarabă, A.; **Purdoiu, Șerban**. „Agroind”- *Piatra-Olt, Soil resources and evaluation characterization*, Proceedings, Seria A, vol. 50, 2007, U.S.A.M.V., Faculty of Agriculture Bucharest, pp. 292-303, ISSN 1222 - 5339.
5. **Purdoiu, Șerban**. Environmental protection strategies in the context of sustainable agriculture development in Romania, *Proceedings, Series A*, vol. 50, nr. 3, 2007, U.S.A.M.V., “Ion Ionescu de la Brad”, Iași, pp. 276-281, ISSN 1454 - 7414.
6. **Purdoiu, Șerban**. Implementation and harmonization of Romanian tax legislation with the EU standards, Graduation paper, 2007, U.S.A.M.V., Faculty of Engineering and Agricultural Economics, Bucharest.
7. Andreiași, Claudia; Basarabă, A.; Andreiași, N.; **Purdoiu, Șerban**. Assessing soil cover and credit rating of the *Urziceni area, Ialomița County*, Proceedings, 2005, Faculty of Horticulture, Bucharest.
8. **Purdoiu, Șerban**. Environmental factor modelling through land reclamation works in the *Desa area, Dolj County, Graduation project*, 1993, U.S.A.M.V., Faculty of Land Reclamation and Environmental Engineering, Bucharest.
9. **Purdoiu, Șerban**. Soil erosion control under irrigation conditions at *Somova Horia, Tulcea County*, Graduation project, I.A.N.B., 1987, Faculty of Agriculture, specialization of Land Reclamations, Bucharest.
10. Dragomir, Claudiu-Sorin; Tronac, Augustina-Sandina; **Purdoiu, Șerban**; Georgescu, Emil-Sever. *Structural Control of Reinforced Concrete Buildings using Non-Destructive Methods and Temporary Seismic*, WCSCM, Sixth World Conference on Structural Control and Monitoring, vol 6, 15-17 July 2014, Barcelona, Spain, pp.720, ISBN: 978-84-942844-6-5 (<http://congress.cimne.com/6WCSCM/frontal/ProgSesion.asp?id=91>)
11. Dragomir, Claudiu-Sorin; **Purdoiu, Șerban**; Tronac, Augustina-Sandina; Cîmpeanu, Sorin-Mihai, Bucur, Roxana-Dana. *Assessment of Structural Damages Using Non-Destructive and Seismic Instrumentation Methods*. Case Study of an Educational Building in Bucharest, Scientific papers, Land Reclamation, Earth Observation&Surveying, Environmental Engineering, Seria E, vol. II, 2013, Bucharest, pp.91-96, ISSN 2285-6064. http://landreclamationjournal.usamv.ro/pdf/ScientificPapers_SeriesE_LandReclamation_Vol_II_2013.pdf
12. Raducuta, Ion; Călin, Ion; **Purdoiu, Șerban**. *The evolution and current situation of goat breeding in Romania*, Scientific papers, Series D, Animal science, vol. LV, Faculty of Animal Science Bucharest, 2012, pp. 223 - 226, ISSN 2285-5750 (<http://animalsciencejournal.usamv.ro/pdf/vol55/a41.pdf>)

F. Patents

G. Contract-based research / development / innovation projects

1. "Postdoctoral research on implementing several eco-bioeconomic environmental protection strategies in the context of sustainable agriculture development in Romania"- POSDRU/89/1.5/S/63258 – Project manager
2. Quality improvement of the national higher education system in accordance with changes in the knowledge-based society and the labour market dynamics. POSDRU/155/1.2/S/139950. Membru grup țintă Adeverința nr.48/16.01.2015.
3. „AgriCons-AgriTin”: Development centre for agricultural specialists. POSDRU/125/5.1/S/131990. Monitor derulare lucrări FEDR.
4. Academic excellence in Distance Learning and Part-Time Learning – An approach to quality” Priority axis 1 „Professional education and training for economic and societal development” Main intervention field: 1.2 „Higher education quality” - 26 months (1 Dec. 2010 - 31 Jan. 2013).
5. Research on the use of acoustic and laser radiation fields to stimulate ecological and non-stressed plant stimulation – PC Project Type, Research Division 5.1., No. Contract 52-136-2008 U.S.A.V.M.– Engineer, research team member
6. Products and technologies to promote sustainable farming system and agro-ecological resources protection in the Moldavian Plateau (MOLDOPROIECT) 2006 – Engineer, research team member
7. Multimedia platform for real-time monitoring of flood areas, simulation and generation of solutions for the exploitation of waterflow regulation near cities (CITY PROIECT) 2006 – Engineer, research team member
8. Modernization of dairy cow exploitation to increase technological competitiveness as a requirement of European Union integration (TEHNOCOMP) – engineer, research team member
9. Research on sustainable agricultural development and result transfer to farmers by applying the Community Acquis (EXPERT) – engineer, research team member

Associate Prof. Purdoiu Șerban, Ph.D

LIST OF SCIENTIFIC PUBLICATIONS (list of most important papers published in journals, papers presented at professional conferences, scientific projects)

Papers published in specialist journals

1. **Purdoiu Ş.** – Soil erosion control under irrigation conditions in Somova Horia, Tulcea County - BSc Graduation Project – I.A.N.B. – Faculty of Agriculture, specialization Land Reclamation, Bucharest, 1987.
2. **Purdoiu Ş.** – Modelling of environmental factors through land reclamation works in Desa area, Dolj County – BSc Graduation Project - U.S.A.V.M. – Faculty of Land Reclamation and Environmental Engineering – Bucharest, 1993.
3. Basarabă, A., **Purdoiu, Ş.**, - Soil Science, Practical training, Alma Mater Publishing, Sibiu, 2005.
4. Andreiaşi Claudia, Basarabă, A., Andreiaşi, N., **Purdoiu Ş.** – Assessment of soil cover and mapping capacity in Urziceni area, Ialomiţa County, Proceedings, Faculty of Horticulture, Bucharest, 2005.
5. **Purdoiu, Ş.** - Influence of the anthropic factor upon environmental conservation. In: Acta Universitatis Cibiensis, Agricultural Sciences Serum, vol. 1, nr. 1, (6) 2006, "Lucian Blaga" University Sibiu, 2006, pp. 235-242, ISSN 1582-8549.
6. **Purdoiu, Ş.** – Environmental protection domain for the application of economic research on soils. In: Acta Universitatis Cibiensis, Agricultural Sciences Serum, vol. 1, nr. 1 (7), 2007, Universitatea "Lucian Blaga" Sibiu, 2007, pp. 111-120, ISSN 1582-8549.
7. Muşat M., Basarabă, A., Măgureanu, Ileana, **Purdoiu, Ş.** – Changes in physico-chemical properties of soil under fallow conditions inside the Moara Domnească Farm between 1993 and 2006, Proceedings, Faculty of Agriculture, Bucharest, 2007.
8. Andreiaşi N., Andreiaşi, Claudia, Basarabă, A., Moise, Irina, **Purdoiu, Ş.** – Pedological evaluation and agro-economic assessment of Ciomîrlia de Jos, Tulcea County, Proceedings, Series A, vol. 50, U.S.A.V.M., Faculty of Agriculture, Bucharest, 2007, pp. 304-308, ISSN 1222-5339.
9. Andreiaşi, Claudia, Andreiaşi, N., Panaitescu, Liliana, Basarabă, A., **Purdoiu, Ş.**, Simion, Enuţa. – Several pedologic and agronomic considerations in the Lumina-Taşaul area, Proceedings, Series A, vol. 50, U.S.A.V.M., Faculty of Agriculture, Bucharest, 2007, pp. 309-314, ISSN 1222-5339.
10. Andreiaşi N., Andreiaşi, Claudia, Basarabă, A., **Purdoiu, Ş.** - „Agroind”- Piatra-Olt, Characterization of soil resources and mapping, Proceedings, Series A, vol. 50, U.S.A.V.M., Faculty of Agriculture, Bucharest, 2007, pp. 292-303, ISSN 1222-5339.
11. **Purdoiu Ş.** – Environmental protection strategies in the context of sustainable agriculture development in Romania, Proceedings, Agronomy Series, vol. 50, nr. 3, 2007, U.S.A.V.M. "Ion Ionescu de la Brad", Iaşi, pp. 276-281, ISSN 1454-7414.
12. **Purdoiu Ş.** – Implementation and armonizarea of Romanian tax law accproing to EU norms – BSc graduation paper – U.S.A.V.M. – Faculty of Economic Engineering in Agriculture, Bucharest, 2007.
13. **Purdoiu Ş.** – Environmental protection strategies in the context of sustainable agriculture development in Romania – PhD dissertation – U.S.A.V.M. Bucharest, 2010.

Papers presented at international conferences

1. **Purdoiu Ş.** – Environmental protection strategies for the sustainable development of romanian agriculture in the european union - Proceedings of the 36th international session of scientific communications of the Faculty of Animal Science Bucharest, 2007, pp. 93-98, ISBN -973-8905-22-1.
2. **Purdoiu, Ş.** - Environmental protection policies and instruments in the European Union vision – Proceedings of the 37th international session of scientific communications of the Faculty of Animal Science Bucharest, 2008, pp. 50-55, ISSN 1224-4295.
3. Diniţă, Georgeta, Dezmirean, D., Nicolae, Carmen Georgeta, **Purdoiu, Ş.** - Effect of inbreeding on biochemical parameters in silkworms (*Bombyx mori* L.) - Proceedings of the 37th international session of scientific communications of the Faculty of Animal Science Bucharest, 2008, pp. 135-139, ISSN 1224-4295.

Contract-based research/development/innovation projects

- Products and technologies to promote sustainable farming system and agro-ecological resources protection in the Moldavian Plateau (MOLDOPROIECT) 2006 – engineer, research team member;
- Multimedia platform for real-time monitoring of flood areas, simulation and generation of solutions for the exploitation of waterflow regulation near cities (CITY PROIECT) 2006 – engineer, research team member;
- Modernization of dairy cow exploitation to increase technological competitiveness as a requirement of European Union integration (TEHNOCOMP) – engineer, research team member;
- Research on sustainable agricultural development and result transfer to farmers by applying the Community Acquis (EXPERT) – engineer, research team member;
- Research on the use of acoustic and laser radiation fields to stimulate ecological and non-stressed plant stimulation – PC Project Type, Research Division 5.1., No. Contract 52-136-2008 U.S.A.V.M. – engineer, research team member.