



Curriculum vitae



Personal information

First name(s) / Surname(s) **Rusu Teodor**
Telephone(s) 0040264-596384 int. 204 Mobile: 0040724719774
Fax(es) 0040264-593792
E-mail trusu@usamvcluj.ro
rusuteodor23@yahoo.com
Citizenship Romanian
Marital status Married
Date of birth 23 august 1968
Gender Male

Domains of activity

Teaching degree/ Scientific title **University Professor Ph.D,**
Coordinator of master - Rural Development, PhD supervisor

Department / Key Words Agrotechnics / agrotechnics, soil tillage, weed control, crop rotation, rural development

Domains of competence Agrotechnics, herbology and soil management
Soil sciences – pedologic studies and land evaluation, pedoameliorations and soil erosion control studies
Technique experimentally and analysis of variance (ANOVA)
Environment economy and land management
Specialization in research – development - extension project elaboration
Rural development and climate changes

Domains of interest Rural development, soil conservation systems for a sustainable agriculture, anti-erosion systems, minimum soil tillage, no-tillage, carbon sequestration.
Integrated control of weeds and correct use of herbicides.
Weed biology and ecology, weed assessment.
Crop rotation and differentiated agrotechnics.
Laboratory field research methods for evaluation of physical, hydrophysical, agrochemical and agrobiological features of soil.

Teaching activity 2007-present: Course and Practice Laboratories - **Environmental Economy** – III IPM
2007- present: Course and Practice Laboratories – **Sustainable Development** – Master
2005-present: Course and Practice Laboratories **Experimental Technics** – II Agriculture + Agromontanologie
2003 – 2006: Course and Practice Laboratories – **Agrotechnics and Herbology** – II IPM
1999- present: Course and Practice Laboratories – **Agrotechnics** – II Horticulture
1999- 2004, Course and Practice Laboratories – **Agrotechnics** – III Biology and Agricultural Sciences
1999-2001, Course and Practice Laboratories – **Soil Exploitation** – II MDAR
1996-2004, Practice laboratories – **Agrotechnics** - III Agriculture
Scientific coordinator for 37 graduation theses



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Education and training

Education PhD. DEGREE IN AGRICULTURAL SCIENCES, 2002, University of Agricultural Sciences and Veterinary Medicine Cluj – Napoca
AGRONOMIST ENGINEER DIPLOMA, 1993, University of Agricultural Sciences and Veterinary Medicine Cluj - Napoca
HIGH SCHOOL DEGREE, 1986, Agroindustrial High School Sărmaşu, Mureş county

Specializations and qualifications **Speciality courses:**
- **LEGAL TECHNICAL EXPERT** - authorization no.91/18.05.2010 - specialization Agriculture - Ministry of Justice.
- **COURSE OF TRAINER** - certified G series, no. 00082425 - Cluj EPA, Ministry of Labour, Family and Social Protection.
- **COURSE OF WORK PROTECTION INSPECTOR** - Certificate Series F, no. 0086156 - SC Formarom SRL Zalau.
- **Course: RESEARCH – DEVELOPMENT - IMPLEMENTATION PROJECTS' MANAGEMENT** – certificate 479/23.03.2001 – Management Agency for Scientific Research, Innovation and Technological Transfer – Polytechnics Bucharest
- **TEACHING COURSE** - certificate B series nr. 0006189 / 15 June 1999 – University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca

Work experience

Dates / Occupation or position held/ Name of employer
2008-present, professor, USAMV Cluj, **Vice –Dean Faculty of Agriculture (2008-2012)**
2005- 2008, conferentiar, USAMV Cluj-Napoca
2002-2005, lecturer, USAMV Cluj-Napoca
1992-2002, assistant professor, USAMV Cluj-Napoca
1996-1999, PhD student with frequency, USAMV Cluj-Napoca
1993-1996, pedologist engineer, Pedological and Agrochemical Studies Office Cluj-N

Professional affiliations **2014-present, Director of the Office of Soil Survey and Agrochemical Cluj -**
<http://www.ospacluj.ro/index.html>
2012 – present, President Br. Transylvania Romanian National Society of Soil Science (SNRSS) - <http://snrsstransilvania.usamvcluj.ro>
2004, Director: Research Center: Minimal Systems and Sustainable Agricultural Technologies – SMTAD, <http://www.usamvcluj.ro/2006/SMDT/index.htm>.
2004, member, International Union of Soil Sciences – IUSS, <http://www.iuss.org/>.
2003, member, The Society for Ecological Agriculture - SAE
2000, member, Research Organization for Soil Tillage – ROST member ISTRO – International Soil Tillage Research Organization, <http://www.istro.org>
1997, member, National Society for Weed Study and Control – SNRCSB member EWRS, <http://www.ewrs.org/>
1994, member, Romanian National Society for Soil Sciences – SNRSS, member ISSS – International Society of Soil Science, <http://www.iss.org>

Coordinated research contracts **IDEAS program - Exploratory Workshops PN-II-ID-WE-2012-4-092, c 85/24.09.2012:** *Management of Soil, Water and Carbon - Benefits Environmental, Economic and Social.* <http://www.usamvcluj.ro/SMDT/symposium2013/index.php>
Manager project PN II Parteneriate, MECI – CNMP, (2008-2011), *Monitorization of the impact of agriculture upon global climatic changes, soil, water and carbon management, through conservative systems: minimum tillage and no-tillage, in Transylvanian Plain.* c. 52-114/1.10.2008-2011, http://www.usamvcluj.ro/SMDT/proiecte_pn2/MIA-SCG.htm
Manager project PNII, Parteneriate, MECI – CNMP, (2007-2010): *Alternative crops with adaptative potential for different ecological conditions and complex valorification thereof through biotechnologies.* Contract nr. 51-018/ 15.09.2007, <http://www.agro-bucuresti.ro/cabio-cyam/home.php>
Manager project CEEX, M. III, MEC-CNMP (2006-2008): *The promotion of the sustainable agricol technologies research and soil tillage conservative systems integration in the European research domain / ERA-TIL.* Project number 129/2006. c.129/1.08.2006-2008. http://www.usamvcluj.ro/SMDT/proi_ceex/ERA_TIL.htm
Manager project CEEX, M. I, MEC – AMCSIT (2006-2008): *Complex system to research the agricol fields degradation phenomena and the negative impact of agriculture upon the natural resources and global climatic changes / OSFOL-SICS.* Project number 124/20.07.2006-2008. http://www.usamvcluj.ro/SMDT/proi_ceex/OFSOL_SICS.htm
Manager project (2006): *Researches in demonstrativ plots at sunflower crop – 15 hybrid Large strip.* MONSANTO EUROPE S.A. BRUXELLES BRANCH BUCUREŞTI. Contract nr. 17/2006.



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GRANT director (2004-2006): *Researches concerning the influence of minimal soil working systems on conservation of fertility, biodiversity and water reserve accumulated in soil as an eco-technologic base for sustainable agriculture.* CNCSIS – MEC, tip A. Cod CNCSIS 753/2004. http://www.usamvcluj.ro/SMDT/Proi_curente/proiect_curent_2.htm

GRANT director (2002-2003): *Researches concerning the influence of unconventional soil tillage systems on biological and phytosanitary conditions of soil,* CNCSIS tip AT Grant. Partner: MEN-CNCSIS, theme nr. 57, cod 147/2003, commission 5, 2002-2003. http://www.usamvcluj.ro/SMDT/Proi_finaliz/proiect_5.htm

Collaborator in 28 research projects

- Publications
- 15 books, 4 courses, 4 practice guides, 6 course supports for IDD
 - 252 published scientific articles, from which 149 in national and 103 in foreign revues
 - 31 communications in different national and international scientific manifestations
 - 17 research reports and collaboration in 43 contract reports to beneficiary

Significant published articles

5 significant published books

1. Rusu Teodor, Marinela Ghereş, 2008, *The environmental economy*. Ed. Risoprint Cluj-Napoca, ISBN 978-973-751-719-7, pp. 258.
2. Rusu Teodor, Imre Albert, Andrei Bodis, 2007, *The ecotechnics of field crops*. Ed. Risoprint Cluj-Napoca, ISBN 978-973-751-577-3, pp. 191.
3. Rusu Teodor, Laura Paulette, Horea Cacovean, Vasile Turcu, 2007, *The physics, the hydrophysics, the chemistry and the breathing of the soil - researching methods*. Ed. Risoprint Cluj-Napoca, ISBN 978-973-751-512-4, pp.188.
4. Rusu Teodor, Petru Guş, 2007, *Soil compaction - processes and consequences*. Ed. Risoprint, Cluj-Napoca, Colectia Agraria, ISBN 978-973-751-417-2, pp. 276, (simposium).
5. Rusu Teodor, 2005, *Agrotechnics*. Ed. Risoprint Cluj-Napoca, ISBN 973-656-821-0, pp. 334.

5 significant published articles

1. **Rusu T.**, P. Gus, I. Bogdan, P. I. Moraru, I. A. Pop, D. Clapa, I. M. Doru, I. Oroian and L. I. Pop, **2009**, *Implications of Minimum Tillage Systems on Sustainability of Agricultural Production and Soil Conservation*. Journal of Food, Agriculture & Environment, vol. 7(2/2009), Print ISSN: 1459-0255, WFL Publisher Science and Technology, Helsinki, Finland. Online Journal JFAE, vol. 7 (2/2009) www.world-food.net, Section Environment, Online ISSN: 1459-0263. <http://www.world-food.net/scientificjournal.php> (factor de impact: 0,232).
2. **Rusu, T.**, P. Gus, I. Bogdan, P. I. Moraru, A. Pop, D. Weindorf, H. Cacoveanu, **2008**, *Effect of minimum tillage on the control of Convolvulus arvensis L.* Journal of Plant Diseases and Protection, p. 587-590, Special Issue XXI, 24th German Conference on Weed Biology and Weed Control, March 4-6, 2008, Stuttgart-Hohenheim, Germany. Print: ISSN 1861-4051, Internet: ISSN 1865-4371. Eugen Ulmer KG, PO Box 700561, 70574 Stuttgart, Germany. <http://www.jpdp.de/>. (factor de impact: 1,32).
3. **Rusu, T.**, P.Guş, Ileana Bogdan, Laura Paulette and I. Oroian, **2006**, *Researches regarding to control species Convolvulus arvensis L., on relation with soil tillage systems*. Journal of Central European Agriculture (online, <http://www.agr.hr/jcea/issues/jcea7-4/pdf/jcea74-19.pdf>), ISSN: 1332-9049, JCEA, vol 7(2006) No 4, pag. 739-742.
4. **Rusu, T.**, P.Guş, Ileana Bogdan, I.Oroian, Laura Paulette, **2006**, *Influence of minimum tillage systems on physical and chemical properties of soil*. Journal of Food, Agriculture & Environment, vol. 4(3-4/2006), p. 262-265, ISSN: 1459-0255, WFL Publisher Science and Technology, Helsinki, Finland. Online Journal JFAE, vol. 5 (3-4/2006) www.world-food.net, Section Agriculture, ISSN: 1459-0263. <http://www.world-food.net/scientificjournal/2006/issue3/abstracts/abstract51.php>. (factor de impact: 0,232).
5. **Rusu, T.**, Petru Guş and Ileana Bogdan, **2006**, *The influence of minimum soil tillage systems on weed density, frequency of phytopatogenous agents and crop yields of soybean, wheat, potato, rape and corn*. Journal of Food, Agriculture & Environment, vol. 4(1/2006), p. 225-227, ISSN: 1459-0255, WFL Publisher Science and Technology, Helsinki, Finland. Online Journal JFAE, vol.4 (1/2006) www.world-food.net, Section Agriculture, ISSN: 1459-0263. <http://www.isfae.org/scientificjournal/2006/issue1/abstracts/abstract47.php>. (factor de impact: 0,232).

Personal skills and competences

Mother tongue(s) **Romanian**



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Other language(s)	Self-assessment	Understanding	Speaking	Writing
Language	English	Good	Good	Good
Language	French	Good	Good	Medium
Additional information	Since 2005 - Expert evaluator at Romanian Council for Research - Ministry of Education and Research of Romania – MEC, CNCSIS, CEEX, PN II PhD supervisor, since 2009. Coordinate 8 doctoral.			

6.05. 2014, Cluj-Napoca

Prof. Dr. Rusu Teodor
Faculty of Agriculture,
USAMV Cluj-Napoca