

PERSONAL INFORMATION

Gheorghe SPÂRCHEZ

 sparchez@unitbv.roPOSITION
IOSUD UTBVPhD Coordinator
Doctoral studies field: Silviculture
Since 2009EXPERTISE FIELD AND
RESEARCH INTEREST AREASGeology and Geomorphology
Pedology
Forest sites
Silvotechnics
Degradation of ecosystem due to human intervention. Biodiversity, protected areas.

WORK EXPERIENCE

October 2002-present	Professor Faculty of Silviculture and forest engineering, Transilvania University of Brasov Geology and Geomorphology, Pedology, Mapping and evaluation of agricultural and forest lands
March 1998-September 2002	Lecturer Faculty of Silviculture and forest engineering, Transilvania University of Brasov Geology and geomorphology and Pedology and forest sites
October 1992-March 1998	First assistant Faculty of Silviculture and forest engineering, Transilvania University of Brasov Geology and geomorphology and Pedology and forest stations.
October 1984-October 1992	Assistant Pedology and forest sites Faculty of Silviculture and forest engineering, Transilvania University of Brasov
September 1977-October 1984	Research engineer Faculty of Silviculture and forest engineering, Transilvania University of Brasov
August 1974-September 1977 Engineer	Forestry engineer Ludus Forestry District, Mures County, Production forest district

EDUCATION AND TRAINING

1986-1996	PhD University Transilvania of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania Thesis title: Technical and economic research regarding the implementation of thinning in beach stands of Persani Mountains.	Replace with EQF (or other) level if relevant
1969 – 1974	Forestry engineer University Transilvania of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania	
1964 - 1969	Theoretical Lyceum, Rasnov	

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	B1	B1	B1	B1	B1
English	B1	B1	B1	B1	B1

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

Communication skills
 Organisational / managerial skills

- Good communication skills gained through my experience as professor.
- PhD leader since 2009, Domain in Silviculture.
- Vicedean of Faculty of Silviculture and forest engineering, Transilvania University of Brasov, 2000 – 2016.
- Responsible for 2 national research projects and | did collaborate also in 24 others national research projects
- President of SNRSS, Brasov branch, since 2006.

Job-related skills

- Associate member of Academy of Agricultural and Silvic Science, 2012 - 2016

Digital skills

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

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

- Skilled in word processing; Skilled in spreadsheet usage; Able to use statistical packages; Able to use database operations; Able to use graphics packages.

Other skills

- Authorised by The Ministry of Agriculture and Rural Development (MARD) on Elaboration of environmental impact assessment and environment balances studies.
- Coordinator for teacher training (forest engineers) in tyhe pre-university forestry education byu the didactical degree II and I.

ADDITIONAL INFORMATION

Publications	113 Scientific publications, 12 Books and courses.
Presentations	
Projects	28 Research Projects
Conferences	
Seminars	
Honours and awards	
Memberships	Associate member of Academy of Agricultural and Silvical Science, 2012 – 2016 Member of professional associations: Progresul Silvic (Silvical Progress) Association Societatea Nationala pentru Stiinta Solului (National Society for Soil Science) President of SNRSS, Brasov branch, since 2006.
References	
Citations	
H Indexes	Hirsch Index ISI Knowledge: 4 Hirsch Index Scopus: 4 Hirsch Index Google Scholar: 5
Certifications	

ANNEXES

LIST OF RELEVANT PUBLICATIONS /RESEARCH (selection)

1. Dinca, L., **Spârchez, Gh.**, Dinca, M., Organic carbon concentrations and stocks in Romanian mineral forest soils, 55(2): pg. 229-241, revista: Ann. For. Res., issn: 55, 2012, <http://afjournal.org/index.php/afri/issue/view/16>
2. Dincă Lucian, **Spârchez Gheorghe**, Dincă Maria, Romanian's forest soil GIS map and database and their ecological implications revista: Carpathian Journal of Earth and Environmental Sciences, issn:, Vol. 9, 2014, <http://www.ubm.ro/sites/CJEES/viewTopic.php?topicId=427>
3. Radu Gh. R., Curtu Al. L., **Spârchez Gh.**, Șofletea N., Genetic diversity of Norway spruce [*Picea abies* (L.) Karst.] in Romanian Carpathians, Ann. For. Res, issn: 57(1),2014, <http://afjournal.org/index.php/afri/article/view/178>
4. Stelian Alexandru Borz, Gheorghe Ignea, Bogdan Popa, **Gheorghe Spârchez**, Eugen Iordache, Estimating Time Consumption and Productivity of Roundwood Skidding in Group Shelterwood System – a Case Study in a Broadleaved Mixed Stand Located in Reduced Accessibility Conditions, Croatian Journal of Forest Engineering, issn: vol. 36, 2015, http://www.croife.com/r/i/croife_36-1_2015/borz.pdf
5. Dincă Lucian, Dincă Maria, Vasile Diana, **Spârchez Gheorghe**, Holonec Liviu, Calculating Organic Carbon Stock from Forest Soils, Notulae Botanicae Horti Agrobotanici, Cluj-Napoca, issn: 0255965X, 2015, <http://www.notulaebotanicae.ro/index.php/nbha/article/view/10141/7867>
6. Elena Camelia Mușat, Andrei Ioan Apăfăian, Gheorghe Ignea, Valentina Doina Ciobanu, Eugen Iordache, Rudolf Alexandru Derczeni, **Gheorghe Spârchez**, Maria Magdalena Vasilescu, Stelian Alexandru Borz, Time expenditure in computer aided time studies implemented for highly mechanized forest equipment, Ann. For. Res, issn: 18448135, 2016, <http://afjournal.org/index.php/afri/article/viewFile/473/541>
7. Ciprian Valentin Silvestru- Grigore, Florin Dinulică, **Gheoreghe Spârchez**, Aureliu Florin Hălălișan, Lucian Constantin Dincă, Raluca Elena Enescu, Vlad Emil Crișan, Radial Growth Behavior of Pines on Romanian Degraded Lands, Forests, issn: 19994907, 2018, <http://www.mdpi.com/1999-4907/9/4/213>
8. Enescu, R., Crisan, V., Vasile, D., Scarlatescu, V., Sparchez, Gh., Seasonal variation of mineral nutrition for sessile oak (*Quercus petraea* (Liebl.)), 18th International Multidisciplinary Scientific Geoconference SGEM 2018, issn: 1314270, 2018.
9. Braga, C., **Sparchez, Gh.**, Fluxul de CO₂ din solurile forestiere: concept, caracteristici și metode de determinare, Revista de Silvicultura, issn: 15832112, 2015, https://scholar.google.ro/scholar?q=The+carbon+dioxide+flux+from+forest+soils%3A+concept%2C+features+and+methods+of+determining.&btnG=&hl=ro&as_sdt=0%2C5
10. Silvestru- Grigore, Enescu, R; C; **Sparchez, Gh**: Specificul ecologic al stăniunilor plantate cu pin de pe terenuri degradate din Subcarpații Buzăului, Revista Pădurilor, issn: 20671962, 2015, <https://www.cabdirect.org/cabdirect/FullTextPDF/2016/20163051214.pdf>
11. Braga, C., **Sparchez, Gh.**:The influence of forest management on the amount of litter organic carbon, in beech forests, Bulletin of the Transilvania University of Brasov, Series II - Forestry, Wood Industry, Agricultural Food Engineering, issn: 20652135, 2015, <https://www.cabdirect.org/cabdirect/FullTextPDF/2015/20153242596.pdf>
12. Enescu, R.E., Dinca, L., **Spârchez, G.**, Mineral nutrition of pedunculate oak (*quercus robur* L.) From Prejmer natural reserve and Persani foothills, Proceedings of the Biennial International Symposium, Forest and Sustainable Development, Brașov, Romania, October 2015, issn: 1843505X, 2015, <https://www.cabdirect.org/cabdirect/FullTextPDF/2015/20153393004.pdf>
13. Braga, C., **Sparchez, Gh.**, Efectul intensității rădărilor asupra dinamicii sezoniere a fluxului de dioxid de carbon din sol, Revista Pădurilor, 2016, <https://www.cabdirect.org/cabdirect/FullTextPDF/2016/20163393086.pdf>
14. Dinca, L., **Spârchez, Gh.**, Dinca, M., Organic carbon concentrations and stocks in Romanian mineral forest soils, 55(2): pg. 229-241, revista: Ann. For. Res., issn: 55, 2012, <http://afjournal.org/index.php/afri/issue/view/16>

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