

PERSONAL INFORMATION

Florin Dinulică



dinulica@unitbv.ro

<https://www.unitbv.ro/contact/comunitatea-unitbv/2169-dinulica-florin.html>

Sex M | Date of birth | Nationality Romanian

OCCUPATIONAL FIELD

Forest products
Wood Science
Dendrochronology

WORK EXPERIENCE

October 2021 - onward

Professor

Transilvania University of Braşov, 29 Eroilor, 500036, Brasov, Romania, www.unitbv.ro
Teaching activities and research in Forest Products, Xylology, Capitalization of Forest Resources
Business or sector: Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements / Education and research institution

October 2016 - September 2021

Associate professor

Transilvania University of Braşov, 29 Eroilor, 500036, Brasov, Romania, www.unitbv.ro
▪ Teaching activities and research in Forest Products, Xylology, Capitalization of Forest Resources
Business or sector: Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements / Education and research institution

October 2007 - September 2016

Lecturer

Transilvania University of Braşov, 29 Eroilor str., 500036, Brasov, Romania, www.unitbv.ro
▪ Teaching activities and research in Forest Products, Xylology, Capitalization of Forest Resources
Type of business or sector: Department of Forest Engineering, Forest Management Planning and Terrestrial Measurements / Education and research institution

October 2003 - September 2007

University assistant

Transilvania University of Braşov, 29 Eroilor str., 500036, Brasov, Romania, www.unitbv.ro
▪ Teaching activities and research in Forest Products and Wood Science
Type of business or sector: Department of Forest Engineering / Education and research institution

October 2001 - September 2003

Before university assistant

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EDUCATION AND TRAINING

2021-2022

Habilitation in Forestry

Postdocs

Interdisciplinary Doctoral School, Transilvania University of Brasov,
▪ Habilitation thesis title: Phenotypic and structural descriptors of the acoustic quality of standing timber

2003-2008

PhD in Forestry

Doctoral studies/PhD

Transilvania University of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania
▪ Thesis title: Research on the influencing factors on silver fir compression wood formation

2001 - 2002

MSc Diploma

Masters

University Transilvania of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania
▪ Management of forest ecosystems

1996 - 2001 **Bachelor's Degree - Forest Engineer** Bachelor
 University Transilvania of Brasov, Faculty of Silviculture and Forest Engineering, Brasov, Romania
 ▪ Faculty of Silviculture and Forest Engineering (botany, soil science, dendrology, dendrometry, ecology, genetics, silvotechnics, forest management planning, wood products, forest harvesting etc.)

1992 - 1996 **Graduate Diploma - Informatics** Graduate studies
 High School of Informatics, Brasov, Romania
 ▪ Computer science, data representation, computer modelling

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1 Independent user	B1 Independent user	B2 Independent user	B2 Independent user	B2 Independent user
Replace with language	B1 Independent user	B1 Independent user	B2 Independent user	B2 Independent user	A2 Basic user

Communication skills
 ▪ Team work: I have worked in different research teams from collecting data in the field to discussion the results;
 ▪ Mediating skills: communication skills gained through my experience as Bachelor study program coordinator (Forest Engineering);

Organisational / managerial skills
 ▪ leadership: head of Forest Products Laboratory from Transilvania University of Braşov (2007-onward)

Technical skills and competences
 ▪ director of four research projects
 ▪ director of 41 training projects in the field of raw wood grading
 ▪ good skills in wood identification, log grading, stereomicroscopy, qualitative evaluation of forest resources
 ▪ expert of Romanian Standardisation Association (ASRO) on wood and wood products (Technical Committee 118)
 ▪ 3 books (2 as first author, 1 as co-author), 1 chapter in an international book
 ▪ 22 Web of Science articles, 33 BDI articles

Computer skills
 ▪ good command of Microsoft Office™ tools, STATISTICA, WinDENDRO and WinCELL

Other skills
 ▪ choral music

ADDITIONAL INFORMATION

Publications
 ▪ **22 Web of Science articles** in Annals of Forest Research, Bioresources, iForest, Baltic Forestry, Notulae Botanicae Horti Agrobotanici, Forests, International Journal of Environmental Research and Public Health, European Journal of Wood and Wood Products, European Journal of Forest Research, Applied Science-Basel, Thin Walled Structures, Materials
 ▪ **4 papers in international conferences**
 ▪ **33 BDI articles**

- Projects**
- Features of the macroscopic structure of raw roundwood, method of assessing its quality / project no. 64/1.10.2007 funded by UEFISCSU / director
 - Study on the inventory of the goals for watershed management in the growing stock managed by RNP Romsilva and the creation of a database to monitor the operations done for this purpose / project no 3691/30.03.2015 funded by RNP Romsilva RA / director
 - Estimation of the volumetric deviations resulted from the assessment of standing timber versus harvested of Norway spruce and silver fir with emphasis on the technological consumptions in logging / project no 9168/20.07.2018 funded by Holzindustrie Schweighofer / director
 - Development of a guide for efficient use of firewood / project no 1221/22.09.2021 funded by Ingka Investments Forest Assets SRL / director
 - Study regarding the fundamentation of protection forest functions evaluation in order to establish the level of compensations for forest owners / project no 24/2006 funded by MAAPDR (The Government of Romania) / research team member
 - The advanced integrated processing of non-woody forest products (BIOFOREPRO) / project no 52108/01.10.2008 funded by Ministry of Education and Research / research team member
 - Models of innovative violins acoustically and aesthetically comparable to heritage violins (MINOVIS) / project no 568PED/2020 / research team member
 - Qualitative, dynamic and acoustic analysis of anisotropic systems with modified interfaces (ACADIA) project no PCE61-2022/ research team member
- Books**
- Dinulică F (2012). Silver Fir compression wood (in Romanian). Ceres Publishing House, Bucharest, 296 p. / ISBN 978-973-40-0981-7.
 - Hălălișan AF, Dinulică F (2016). Certification of forest management and forest products in Romania (in Romanian). Transilvania University Publishing House, Brașov, 160 p./ ISBN: 978-606-19-0735-9.
 - Silvestru-Grigore CV, Dinulică F, Spârchez G, Hălălișan AF, Dincă LC, Enescu RE, Crișan VE (2019). Radial growth behavior of pines on Romanian degraded lands. In: Picchio R and Mercurio R (eds.): Ecological management of pine forests. MDPI, Basel, pp. 191-211 / ISBN 978-3-03897-426-0.
 - Dinulică F (2020). Trees for sound in the Carpathians. An introduction to the acoustics of standing timber (in Romanian). Transilvania University Publishing House, 136 p. / ISBN 978-606-19-1278-0.
 - Stanciu MD, Mihălcică M, Câmpean M, Cerbu C, Crețu NC, Dinulică F et al. (2022). The dynamics of the violin (in Romanian). Transilvania University Publishing House, Brașov, 305 p. / ISBN 978-606-19-1555-2.
- Honours and awards**
- The Constantin D. Chiriță Award of the Academy of Agricultural and Forestry Sciences for the monograph “Silver Fir Compression Wood”, published in 2012 by Ceres Publishing House, Bucharest
- Memberships**
- IAWA - International Association of Wood Anatomists (2008-onward)
 - SRE – Romanian Society of Ethnopharmacology (2009-onward)
 - Progresul Silvic Romanian Society (2016-onward)

01.05.2023