

PERSONAL INFORMATION

Aurel LUNGULEASA

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POSITION
IOSUD UTBV

PhD Coordinator
Doctoral studies field: Forestry Engineering
Since 2011

EXPERTISE FIELD AND
RESEARCH INTEREST AREA

Wood engineering, Briquettes and pellets, Composite , Engineering of quality and management, Calorific properties

WORK EXPERIENCE

- 1985 – prezent University teacher, Professor dr eng.
Transilvania University of Brasov, Didactical and research activities
- 1983 - 1985 Technology engineer, Complex of Wood processing Drobeta Turnu Severin,
Introducing on line of furniture and pursuit of products

EDUCATION AND TRAINING

- 1990 – 1999 **Diploma PhD**, Doctor in engineering, Transilvania University of Brasov. Subjects: Wood science, Technology of agglomerate products etc). Abilities of research
- 1978 – 1983 **Diploma of engineer**, Engineer, Transilvania University of Brasov, Disciplines of speciality in wood industry (Wood science, Technology of furniture, Technical drawing, Mechanics and resistance of materials etc). Abilities for coordination the technological processes in wood industry
- 1972 – 1977 **High school diploma**, Universal carpenter, Industrial high school nr 2, Speciality: Wood engineering, Drobeta Turnu Severin, Real subjects (Mathematics, Physics, Chemistry etc) and od speciality (Technology of timber, Technology of furniture etc). Abilities of carpentry and conductor of machines for wood processing

PERSONAL SKILLS

Mother tongue(s) Romana

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Communication skills Good

Organisational / managerial skills Communication in research teams. Work inside internal or external teams

Job-related skills Coordinator of research teams. After cordoning grant CNCSIS, cod 945 /2006-2007

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving

Independent	Independent	Independent	Independent	Independent
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ADDITIONAL INFORMATION

- Publications**
- Lunguleasa A – *Semifabricate din lemn*, Print-House of Transilvania University from Brasov, CD, pp 207, Brasov, 2012, ISBN 978-606-19-0050-3.
 - Lunguleasa A- *Compozite stratificate*, Print-House of Transilvania University from Brasov, Book, pp 168, Brasov, 2012, ISBN 978-606-19-0051-0.
 - Lunguleasa A – *Materiale compozite obtinute din biomasa lemnoasa*, Print-House of Transilvania University from Brasov, 2009, ISBN 978-973-598-486-1, 122 pag.
 - Lunguleasa A, Ciobanu V, Costiuc L – *Ecological combustion of wooden biomass*, Print-House of Transilvania University from Brasov 2008, 141 pag, ISBN 978-973-598-384-0.
 - Lunguleasa A. -The influence of temperature on the shrinkage of white poplar veneers, ICWST 2013-Part 2., Brasov, Pro Ligno, Vol. 9, Nr 4, 2013, pp 450-455.
- Projects**
- Grant international FP 7**, “Magnetic Sorting and Ultrasound Sensor Technologies of High Purity Secondary Polyolefin from Waste”, acronym W2Plastics, Nr 212782, coordinator of Transilvania University from Brasov by Prof dr eng Mircea Horia Țierean, Work theme WP 4: “Green solution for process residues”, 2009, Budget: 29.504 €, Member in team;
 - Grant PN II**, Partnerships, PNCD12 tip PC/72-200 : « Eco-materiale compozite cu insertii textile pentru amenajari interioare », Member in the research team University from Brasov, Value 400 000 lei, 2008-2011
 - Grant **CNCSIS**, cod CNCSIS 945/2007-2008, Tehnologie ecologica de folosire eficienta si durabila a biomasei lemnoase ca material combustibil regenerabil in vederea crearii unei noi viziuni in domeniu, Value 143 000 lei (4GR/28.06.2007 cu value of 80 000 lei on 2007 and 63 000 lei on 2008), **Director grant 2007-2008**.
- H Index** Google scholar=6; Scopus=4 ; ISI=4

ANNEXES

- Paper list**
1. Spirchez C, Lunguleasa A, Matei M (2018) Particularities of hollow-core briquettes obtained out of spruce and oak wooden waste, *Maderas-Ciencia y Tecnología*, 20(1):139-152, ISSN 0718-221x.
 2. Dumitrașcu R, Lunguleasa A, Spirchez C (2018) Renewable pellets obtained from aspen and birch bark, *BioResources* 13(3): 6985-7001.
 3. Croitoru C, Spirchez C, Lunguleasa A, Cristea C, Roata IC, Pop MA, Bedoc T, Stanciu EM, Pascu A (2018) Surface properties of thermally treated composite wood panels, *Applied Surface Science*, 438 (2018) 114–126, doi.org/10.1016/j.apsusc.2017.08.193.
 4. Croitoru C, Spirchez C, Cristea D, Lunguleasa A, Pop MA, Bedo T, Roata IC, Luca MA (2018) Calcium carbonate and wood reinforced hybrid PVC composites, *Journal of applied polymer science*, 438: 114-126, DOI: 10.1002/APP.46317.
 6. Spirchez C, Lunguleasa A (2017): Experiments and modeling of the torrefaction of white wood fuel pellets, *Bioresources* 12(4): 8595-8611, ISSN 1930-2126.
 7. Lunguleasa A, Spirchez C (2017): Torrefaction of lamellar panels made of oak and spruce wood species, *Wood Research*, 62(2), 319-328, ISSN 1336-4561.
 8. Lunguleasa A, Spirchez C (2017): Characteristics of waste bark combustion, *Environmental Engineering and Management Journal*, 16(3), 685-694.
- Finalised thesis**
1. Griu (Dobrev) Tatiana: Evaluarea puterii calorice a biomasei lemnoase, 1 October -25 September 2014.