

CURRICULUM VITAE

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December 2024

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1. General Information

- Date of Birth: March 18, 1976
- Phone: +30 2310 992742
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2. Education

2.1. Degrees

- BSc - Forestry and Natural Environment (5-year), School of Geotechnical Sciences, Aristotle University of Thessaloniki (2001)
- MSc - Chemical and mechanical processing of wood and wood products (2-year). Thesis title: “Study of the effect of hydrothermal treatments on the recovery of wood particles and the properties of recycled particleboards” (2004)
- PhD - Recycling of wood-based panel raw materials after recovery from old wooden constructions (furniture) using hydrothermal treatments (2008)
- Postdoctoral Research “Study of anatomical changes in wood particles recovered through hydrothermal recycling of particleboards” (2010)

2.2. Training

- Instrumental chemical analysis with emphasis on spectrophotometry and spectrophotometric titrations (Department of Chemistry, AUTH), 2002
- Strength of materials and structural elements (Department of Civil Engineering, AUTH) 2002
- VOC emission measurement methods from bonded wood products (University of Hamburg, Department of Wood Science), 2006
- Research methodology, innovation management, technology assessment, R&D knowledge exploitation and integration into economic and social development (AUTH Research Committee), 2007

2.3. Languages

- English: Greek State Certificate of Language Proficiency, Level C1
- English: Lower Certificate of Cambridge University

3. Professional Experience

- 2021–today: Assistant Professor, Department of Forestry and Natural Environment, Aristotle University of Thessaloniki (AUTH)
- 2018–2021: Assistant Professor, Department of Wood and Furniture Design and Technology, University of Thessaly
- 2011–2018: Researcher – Head of the Wood Anatomy and Technology Laboratory, Institute of Mediterranean Forest Ecosystems and Forest Products Technology (IMFE & FPT), Hellenic Agricultural Organization 'Demeter' (formerly NAGREF)
- 2002–2013: Scientific Associate, Department of Wood and Furniture Design and Technology, TEI of Larissa

4. Research Interests

- Production and recycling of bonded wood products
- Thermal, hydrothermal and thermomechanical modification (densification) of wood
- Densification of wood using thermosetting resins
- Alternative wood-based raw materials for composite products
- Formaldehyde emissions from composites
- Improvement and quality control of wood and wood-based composites

5. Research Activity

- Coordination of 38 projects
- Collaborating researcher in 20 projects
- Design and Development of Research Equipment related to the (open and closed system) densification of wood and biomass, hydrothermal treatments, swelling kinetics, VOC emissions

6. Teaching

6.1. University courses

Course	Years	Institution
Wood Technology (undergraduate)	2022-2025	AUTh
	2018-2021	Univ. Thessaly
	2001-2013	TEI Thessaly
Wood Products – Standardization (undergraduate)	2021-2025	AUTh
Wood Adhesives and Wood-Based Composites (undergraduate)	2021-2025	AUTh
Wood Preservation and Enhancement (undergraduate)	2021-2023	AUTh
Technology of Mechanically Processed Wood Products (undergraduate)	2021-2025	AUTh
Forest Industries (undergraduate)	2021-2023	AUTh
Chemistry and Chemical Products of Wood (undergraduate)	2021-2022	AUTh
	2008-2009	AUTh
Chemistry and Chemical Products of Wood Wood Technology (Lab exercises, undergraduate)	2001-2009	AUTh
Furniture Maintenance and Repair (undergraduate)	2020-2021	Univ. Thessaly
Surface Processing – Furniture Finishing (undergraduate)	2019-2021	Univ. Thessaly
Products from chemical processing of wood (undergraduate)	2020-2021	Univ. Thessaly
Wood Structure and Properties (undergraduate)	2018-2019 2020-2021	Univ. Thessaly
Quality Control of Furniture Raw Materials (undergraduate)	2001-2013	TEI Thessaly
Modern Wood Construction Materials (undergraduate)	2001-2013	TEI Thessaly
Energy Utilization of wood-based biomass (post-graduate)	2021-2025	ΑΠΘ
Biomass and Innovative Products (post-graduate)	2021-2024	ΑΠΘ
Energy Production from Biomass (post-graduate)	2023-2024	ΑΠΘ

6.2. International Lectures – Seminars

- 2013–2014: Training Coordinator of the seminar series 'Quarantine Measures for Wood Packaging Materials' under the EU initiative 'Better Training for Safer Food' (BTSF), Call EAHG/2011/BTSF/10, Lot 1: Plant Health Controls.
- 2013: Lectures on wood recycling to MSc students, Department of Furniture, Design and Housing, Mendel University, Brno, Czech Republic.

- 2017: Lectures on chemical modification and densification technologies at TEC University, Faculty of Forest Engineering, Cartago, Costa Rica.

6.3. Other

- Instructor for the course 'General Principles of Wood and Woodcarving Conservation' (Theory and Lab), in the specialty 'Conservation and Restoration Technician for Paintings', Cultural Vocational Training Institute (IEK) of Thessaloniki, including development of training materials.
- 2005: Instructor of theory and practice in seminars at Continuing Education Center (KEK) ELKEDE Technology and Design Center S.A., under Operational Program Competitiveness (Measure 8.2 – Action 8.2.4/2), titled 'Development and Management of New Products – Ideas and Strategies in the Furniture Sector' (Total: 15 hours + materials).
- 2005 (June & November): Repeated the same seminar with total hours: 20 (June), 15 (November) and updated training materials.
- 2016: Instructor of theoretical and practical courses: 'Wood Technology' and 'Surface Processing' in the specialty of Woodcarving, Vocational School EPAS Kalabaka, ELGO Demeter.
- 2023: Instructor in the University of Thessaly Training Program (KEDIVIM): 'Furniture Design with Modern Tools (3D Printing – CNC Machines)' as part of the 'Skills Upgrade and Retraining Programs for Workers across All Economic Sectors' under Greece 2.0 and NextGenerationEU.

6.4. Evaluation from Students

(Data from Quality Assurance Unit - Aristotle University of Thessaloniki)

- 2023–2024: Instructor Quality Index (Q)= 88.8 (22 evaluations)
- 2022–2023: Instructor Quality Index (Q)= 85.0 (28 evaluations)
- 2021–2022: Instructor Quality Index (Q)= 81.3 (23 evaluations)

6.5. Supervision

Duty	no
Supervision of PhD Dissertations	2
Supervision of MSc Dissertations	5
Supervision of Undergraduate Theses	16
Member of PhD Advisory Committee	3
Member of PhD Dissertation Examination Committee	2
Member of MSc Dissertation Examination Committee	9
Supervision of Visiting International Students and Researchers	1

7. Administrative Duties

- 2011–2018: Head of the Forest Products Utilization Division, Institute of Mediterranean Forest Ecosystems and Forest Products Technology and member of 5 committees related to administrative purposes (National Agricultural Research Foundation – ELGO DIMITRA)
- 2018–2021: member of 12 committees related to administrative or academic purposes (University of Thessaly)
- 2021-present: Director of the Laboratory Wood Technology Lab and member of 16 committees related to administrative or academic purposes (Aristotle University of Thessaloniki)

Thessaloniki). Indicatively: Committee for establishing excellence criteria for faculty and students, Dept. of Forestry and Natural Environment (DFNE), DFNE Internal Evaluation Team (OMEA), DFNE Undergraduate Curriculum Committee, Coordinator infrastructure development program, Building D Supervisor (DFNE Phoenix campus), Coordinating Committee of the MSc program 'Natural Resources: Monitoring, Technology and Bioeconomy', Member of the DFNE PhD Program Regulations Committee, Academic Advisor for DFNE students.

8. Scientific Activity

- Member of Greek Forestry Society
- Member of Geotechnical Chamber of Greece.
- Management Committee Member or WG member, COST Actions: E31, E49, FP0904, FP1407, FP1303, CA22155)
- Editorial Board Member, International Wood Products Journal (Sage Publications and Institute of Materials, Minerals and Mining), Editor: Prof. Dennis Jones.
- Editorial Board Member, Journal of Renewable Materials (Tech Science Press), Editor Prof. Antonio Pizzi
- Editorial Board Member, DFNE Scientific Journal, AUTH
- Topics Board Member, Coatings (MDPI)
- Reviewer for 43 international scientific journals
- Evaluator of national research proposals (HFRI, GSRT)
- Research Visits / Guest Lectures: Mendel University, Brno, Czech Republic (2013) and TEC University, Cartago, Costa Rica (2017)

9. Publications

9.1. International Journals with Impact Factor

1. **Lykidis, C.** and A. Grigoriou, 2008. Hydrothermal recycling of waste, and performance of the recycled, wooden particle-boards. Waste Management 28, pp. 57–63. (2009 Impact Factor: 2.433). **(PS01)**
2. **Lykidis, C.** and A. Grigoriou, 2011. Quality characteristics of hydrothermally recycled particleboards using various wood recovery parameters. International Wood Products Journal Vol. 2, No 1, pp. 38-43. **(PS02)**
3. **Lykidis, C.**, Parnavela C., Goulounis N. and A. Grigoriou, 2012. Potential for utilizing waste corrugated paper containers into wood composites using UF and PMDI resin systems, European Journal of Wood and Wood Products Vol. 70, No 6, pp. 811–818. **(PS03)**
4. **Lykidis, C.**, Mantanis, G., Adamopoulos S., Kalafata K. and I. Arabatzis, 2013. Effects of nano-sized zinc oxide and zinc borate impregnation on brown-rot resistance of Black pine (*Pinus nigra* L.) wood. Wood Material Science & Engineering Vol. 8, Issue 4, pp. 242-244. **(PS04)**
5. **Lykidis, C.** Grigoriou A. and I. Barboutis, 2014. Utilisation of wood biomass residues from fruit tree branches, evergreen hardwood shrubs and Greek fir wood as raw materials for particleboard production. A) Mechanical properties. Wood Material Science & Engineering, Volume 9, Issue 4, pp. 202-208. **(PS05)**
6. Willems W., **Lykidis C.**, Altgen M. and L. Clauder, 2015. Quality control methods for thermally modified wood. A Review. *Holzforschung*, Volume 69, Issue 7, Pages 875–884. **(PS06)**

7. Mantanis G. and **C. Lykidis**, 2015. Evaluation of Weathering of Furfurylated Wood Decks after a 3-year Outdoor Exposure in Greece. *Drvna industrija*. 66 (2) 115-122. (PS07)
8. Barmpoutis P., **Lykidis C.** and I. Barboutis, 2015. Influence of Stem Diameter and Bark Ratio of Evergreen Hardwoods on the Fuel Characteristics of the Produced Pellets. *PRO LIGNO 2015 Volume 11, Issue 4*, pp. 673-679. (PS08)
9. **Lykidis, C.**, Nikolakakos M., Sakellariou, E., and D. Birbilis, 2016. Assessment of a modification to the Brinell method for determining solid wood hardness. *Materials and Structures* 49 (3), pp. 961-967 (PS09)
10. **Lykidis, C.** Barboutis I. and A. Grigoriou, 2016. Utilisation of wood biomass residues from fruit tree branches, evergreen hardwood shrubs and Greek fir wood as raw materials for particleboard production. B) Hygroscopic properties and formaldehyde content. *Wood Material Science & Engineering* 11 (5), pp. 254-260. (PS10)
11. **Lykidis C.**, Nardi G. and P. Petrakis, 2016. First record of *Sinoxylon anale* and *S. unidentatum* in Greece, with an updated account on their global distribution and host plants (Coleoptera: Bostrichidae). *Fragmenta Entomologica* 48(2), pp. 101-121. (PS11).
12. **Lykidis C.**, Bak M., Mantanis G. and R. Németh, 2016. Biological resistance of pine wood treated with nano-sized zinc oxide and zinc borate against brown-rot fungi. *European Journal of Wood and Wood Products* 74(6), pp. 909-911 (PS12)
13. **Lykidis C.**, De Troya T, Conde M., Galvan J. and G. Mantanis, 2017. Termite resistance of beech wood treated with zinc oxide and zinc borate nanocompounds, *Wood Material Science and Engineering*, 13 (1), pp. 45-49. (PS13)
14. Kamperidou, V., **Lykidis, C.**, Barmpoutis, P., 2017. Assessment of the thermal characteristics of pellets made of agricultural crop residues mixed with wood. *BioResources*, 12 (4), pp. 9263-9272 (PS14)
15. Kamperidou, V., **Lykidis, C.**, Barmpoutis, P., 2018. Utilization of wood and bark of fast-growing hardwood species in energy production. *Journal of Forest Science*, 64 (4), pp. 164-170 (PS15)
16. **Lykidis, C.**, Kotrotsiou, K., Tsiachlakis, A., 2020. Reducing set-recovery of compressively densified poplar wood by impregnation-modification with melamine-formaldehyde resin. *Wood Material Science and Engineering*, 15 (5), pp. 269-277 (PS16)
17. Mantanis, G.I., Martinka, J., **Lykidis, C.**, Ševčík, L., 2020. Technological properties and fire performance of medium density fibreboard (MDF) treated with selected polyphosphate-based fire retardants. *Wood Material Science and Engineering* 15 (5), pp. 303-311 (PS17)
18. Tsolakis P. and **C. Lykidis**, 2019. Increasing fire retardancy of wood by impregnation with inorganic salts recovered from exhausted fire extinguishing powder. *European Journal of Wood and Wood Products*, 77 (6), pp. 1225-1227 (PS18)
19. **Lykidis C.**, Moya R. and C. Tenorio, 2020. The effect of melamine formaldehyde impregnation and hot-pressing parameters on the density profile of densified poplar wood. *European Journal of Wood and Wood Products*, 78 (3), pp. 433-440 (PS19)
20. Mantanis, G.I., **Lykidis, C.**, Papadopoulos, A.N., 2020 Durability of accoya wood in ground stake testing after 10 years of exposure in Greece. *Polymers*, 12 (8), art. no. 1638. (PS20)
21. Martinka J., Mantanis G.I., Lykidis C., Antov P., Rantuch P., 2022. The effect of partial substitution of polyphosphates by aluminium hydroxide and borates on the technological and fire properties of medium density fibreboard. *Wood Material Science and Engineering*, 17 (6), pp. 720 – 726 (PS21)

22. Terzopoulou P., Kamperidou V., **Lykidis C.**, 2022. Cypress Wood and Bark Residues Chemical Characterization and Utilization as Fuel Pellets Feedstock. *Forests*, 13 (8), art. no. 1303. DOI: 10.3390/f13081303 (**PS22**)
23. Gaitán-Alvarez J., Berrocal A., **Lykidis C.**, Moya R., Mantanis G.I., 2023. Furfurylation of tropical wood species with and without silver nanoparticles: Part II: Evaluation of wood properties. *Wood Material Science and Engineering*, 18 (1), pp. 112 – 119. DOI: 10.1080/17480272.2021.1992795 (**PS23**)
24. **Lykidis C.**, Kamperidou V., Mantanis G.I., 2023. The Use of Black Pine Bark for Improving the Properties of Wood Pellets. *Forests*, 14 (6), art. no. 1069. DOI: 10.3390/f14061069 (**PS24**)
25. **Lykidis C.**, Bak M., Mantanis G.I., 2024. Biological resistance of Phoenician juniper wood. *Wood Material Science and Engineering*, 19 (1), pp. 1 – 5. DOI: 10.1080/17480272.2023.2221657 (**PS25**)

9.2. Peer-reviewed Conference Proceedings – Workshops

1. **Lykidis, C.** and A. Grigoriou, 2003. Evaluation of the quality of Greek market O.S.B., In proc. of the 11th Hellenic Forestry Conference, 30 Sept – 3 Oct 2003. pp. 170-177. (**PC01**)
2. **Lykidis, C.** and A. Grigoriou, 2004. The influence of steam-recovering conditions on the quality of recycled particle boards. In Proceedings of “Management of Recovered Wood Recycling, Bio Energy and other Options”. Thessaloniki, 22-24 April 2004, pp. 317-326. (**PC02**)
3. **Lykidis, C.** and A. Grigoriou, 2005. Recycling of wooden constructions and its importance in protecting the natural environment. In proc. of: «Environment and modern lifestyle», 15-16 April 2005. pp. 68-76. (**PC03**)
4. **Lykidis, C.**, Goulounis N. and A. Grigoriou, 2006. Dimensional stability performance of OSB circulating at the Greek market. In Proceedings of “Wood Resources and Panel Properties”, Conference co-organised by COST Actions E44-E49. Valencia, 12-14 April 2006, pp. 169-177. (**PC04**)
5. **Lykidis, C.** and A. Grigoriou, 2007. Formaldehyde emission of hydrothermally recycled particleboards. Conference organised by COST Action E49. Braunschweig, 28-29 November 2007. (**PC05**)
6. **Lykidis, C.** and A. Grigoriou, 2009. Colour alterations in hydrothermally recycled particleboards. In Proceedings of “Adding Value through Physical Functionality”, Conference organised by COST Action E49. Istanbul, 29 April 2009, pp. 95-108. (**PC06**)
7. **Lykidis, C.** and A. Grigoriou, 2011. Effect of a hydrothermal recovery process on the acidity, chemical composition and formaldehyde emission of wood particles recovered from laboratory and waste particleboards. Workshop "Mechano-chemical transformations of wood during thermo-hydro-mechanical processes", February 16-18, 2011 / Biel (Bienne), Switzerland, pp. 31-33. (**PC07**)
8. **Lykidis, C.**, Birbilis D., Nikolakakos M. and E. Sakelariou, 2011. Evaluation of a modification to the standard wood hardness determination method Brinell - EN1534:2000. In proc. of the 15th Hellenic Forestry Conference, Karditsa, 16-19 October 2011. (**PC08**)
9. **Lykidis, C.** and K. Ioannidis, 2012. The contribution of wood products to the reduction of "greenhouse gases". Workshop: «Climatic change and forests». 5 June 2012, Forest Research Institute of Athens. (**PC09**)
10. **Lykidis, C.**, 2013. Recycling of wood-based composites using mild hydrothermal treatments. COST Young Researchers' Forum at the 8th FTP Conference: 'Inspiring

Horizons – A new Strategic Research and Innovation Agenda for the Forest-based Sector', 11 - 14 March 2013, Barcelona, Spain. **(PC10)**

11. **Lykidis C.**, Konstantakos P. and S. Tsalikis, 2013. Effects of closed system hydrothermal treatment conditions on colour and hardness of European beech wood. In Proc. of: 3rd COST FP0904 Conference: "Evaluation, processing and prediction of THM treated wood behavior by experimental and numerical methods", 9-11 April 2013, Iasi, Romania, pp. 41-42. **(PC11)**
12. **Lykidis C.** and A. Grigoriou, 2013. Assessment of hydrothermal recovery parameters on the quality of recovered particles and recycled particleboards. In Proc. of: International Conference "Trends in Furnishings and Accommodation 2013", 22-23 May 2013, Krtiny, Brno, Czech Republic, pp. 169-175. **(PC12)**
13. Barboutis I. and **C. Lykidis**, 2014. The Effects of Bark on Fuel Characteristics of Some Mediterranean Forest Species. Proceedings of the 57th SWST International Convention in conjunction with the 7th Wood Structure and Properties and the 6th European Hardwood Conference: "Sustainable Resources and Technology for Forest Products", June 23-27, 2014, Zvolen, Slovakia, pp. 533-540. **(PC13)**
14. Mantanis G. and **C. Lykidis**, 2014. Weathering test of furfurylated wood decks in a 3-year exposure in Greece. COST ACTION FP1303 1st Conference "Performance and maintenance of biobased building materials influencing the life cycle and LCA". Kranjska Gora, Slovenia, 23 – 24 October 2014, pp.75-76. **(PC14)**
15. Barboutis I. and **C. Lykidis**, 2014. Thermal characteristics of deciduous forest species for their utilisation in biofuel production. In proc. of: 10th National conference for mild energy forms (In Greek) **(PC15)**
16. **Lykidis, C.**, 2015. Protection of forests through wood research. Workshop: "Greek Forests. Their value and importance of their correct management" (In Greek) **(PC16)**
17. Barmpoutis P, **Lykidis C.** and I. Barboutis, 2015. Influence of stem diameter and bark ratio of evergreen hardwoods on the fuel characteristics of the produced pellets. In proceedings of the 10th International Conference "WOOD SCIENCE AND ENGINEERING IN THE THIRD MILLENNIUM" ICWSE 2015 November 5-7, 2015, Transylvania University, Brasov, Romania. **(PC17)**
18. **Lykidis C.**, De Troya M., Conde M., Galvan J. and G. Mantanis, 2016. The termite resistance of wood impregnated with nano-zinc oxide and nano-zinc borate dispersions. In proceedings of the IRG47 Annual Meeting 15-19 May 2016, Lisbon, Portugal. IRG/WP 16-30691. **(PC18)**
19. Kamperidou, V., **Lykidis, C.** And P. Barmpoutis, 2016. Thermal characteristics of wood of some common native species. Proceedings of the 27th International Conference on Wood Modification and Technology 2016, IMPLEMENTATION OF WOOD SCIENCE IN WOODWORKING SECTOR, Zagreb 13-14 October, pp. 115-122 **(PC19)**
20. **Lykidis, C.**, Sandak, J., and A. Sandak, 2017. The use of NIR spectroscopy as a quality marker of hydrothermally treated wood. Proceedings of: "Design, Application and Aesthetics of biobased building materials" 28th February – 1st March 2017, Sofia, Bulgaria, pp. 69-70 **(PC20)**
21. Ayrlimis N., Dundar T., Gorgun H.V. and **C. Lykidis**, 2017. Wettability properties of hydro-thermal treated Oriental Beech. In proceedings of: 13th International IUFRO Wood Drying Conference "Wood drying in developing countries", September 13-16, 2017 Istanbul, TURKEY **(PC21)**
22. **Lykidis, C.**, 2017. Assessment of forest materials to produce solid biofuels, Workshop SEEMLA (In Greek) **(PC22)**.

23. **Lykidis, C.**, 2021. Traditional wood protection techniques. Workshop: “Gruapa di Katrani” (In Greek) **(PC23)**.
24. **Lykidis, C.**, 2023. The pathology of wood, Workshop “ARCH-STONE” (In Greek) **(PC24)**.
25. **Lykidis, C.**, 2023. The densification of wood from fast-growing species, Workshop (In Greek) **(PC25)**.

9.3. Scientific Books – Book Chapters

1. **Lykidis C.**, 2022. Formaldehyde Emissions from Wood-Based Composites: Effects of Nanomaterials. Emerging Nanomaterials: Opportunities and Challenges in Forestry Sectors, pp. 337 – 360. In: Taghiyari, H.R., Morrell, J.J., Husen, A. (eds) Emerging Nanomaterials. Springer, Cham. https://doi.org/10.1007/978-3-031-17378-3_10 **(PB01)**

9.4. Peer-reviewed Greek Scientific Journals (with English abstract)

1. **Lykidis, C.** and A. Grigoriou, 2005. Evaluation of the quality of Greek market O.S.B. Tech. Chron. Sci. J. TCG VOL V, Issue 1-2. pp. 19-29. **(PG01)**
2. Mantanis G., **Lykidis, C.** and E. Athanasiadou, 2011. Determination of free formaldehyde in wood composites: a comparative study of existing test methods. Geotechnical Scientific Issues– Geotechnical Champer of Greece, Vol VI, Issue 21, No 2/2011, pp. 61-72. **(PG02)**
3. Grigoriou A. and **C. Lykidis**, 2013. Lightboards for construction and furniture. Geotechnical Scientific Issues– Geotechnical Champer of Greece, Vol 22, Issue II, No 1/2013, pp. 48-60. **(PG03)**

9.5. Non-reviewed articles, In Greek

1. **Lykidis, C.**, 2007. LASER processing of wood **(PT01)**
2. Philippou I. and **C. Lykidis**, 2008. Application of LASER-technologies in processing of wood **(PT02)**
3. **Lykidis, C.**, 2008. Particleboard and MDF recycling **(PT03)**
4. **Lykidis, C.**, 2009. Reduced formaldehyde emissions from recycled particleboards **(PT04)**
5. Ntalos G and **C. Lykidis**, 2009. Application of the law regarding the use of formaldehyde-containing wood products **(PT05)**
6. **Lykidis, C.**, 2010. Information about wood Ash **(PT06)**
7. **Lykidis, C.** and G. Mantanis, 2010. Belmadur®: a new material for wood constructions **(PT07)**
8. **Lykidis, C.** and G. Mantanis, 2011. Belmadur®: a new material for wood constructions **(PT08)**
9. G. Mantanis and **C. Lykidis**, 2011. The “Tricoya” technology for wood modification **(PT09)**
10. **Lykidis, C.**, 2013. Advice regarding the use of solid biofuels. **(PT10)**
11. G. Mantanis, **Lykidis C.** and T. Tsiftsis, 2013. Experimental research of nanotechnology-based wood protection systems against UV-weathering **(PT11)**
12. **Lykidis, C.** and G. Mantanis, 2015. Quality assessment of pellets of the Greek market **PT12)**
13. **Lykidis, C.** and I. Barboutis, 2015. Potential for utilisation of deciduous forest biomass for the production of solid biofuels **(PT13)**

9.6. Dissertations – Monographs – Studies

1. **Lykidis C.** 2001. Production technology of a wood processing factory. Aristotle University of Thessaloniki (**PM01**)
2. **Lykidis C.** 2001. Determination and evaluation of the mechanical properties of melamine-coated particle boards of the Greek market» BSc Dissertation, Aristotle University of Thessaloniki (**PM02**)
3. **Lykidis C.** 2004: Study of the effect of hydrothermal recovery treatments on the properties of recycled particleboard. MSc Dissertation, Aristotle University of Thessaloniki (**PM03**)
4. **Lykidis C.** 2008. Recycling of raw materials from wooden boards after their recovery from old wooden structures (furniture) using hydrothermal treatments. PhD Dissertation, Aristotle University of Thessaloniki (**PM04**)
5. Philippou I. and **C. Lykidis**, 2007. LASER cutting of wood. EUREKA WOLACE E13727 (**PM05**)

9.7. Teaching Material

1. 2004: Teaching Material (In Greek) for university courses “Wood Technology 2” and “Wood Technology 3”, University of Thessaly (**PE01**)
2. 2003: Teaching Material (In Greek) for the course «Fundamentals of wood preservation” for vocational training students (**PE02**)
3. 2005: Teaching Material (In Greek) for the course «Development and management of novel production for the furniture sector” for vocational training students (**PE03**)
4. 2013: Teaching Material (In English) for the course «Quarantine measures for wood packaging materials» in the frame of “Better Training for Safer Food” (BTSF), Plant health controls, European Commission (**PE04**)
5. 2020: Teaching Material (In Greek) for the university course “Surface Processing – Furniture Finishing”, University of Thessaly (**PE05**)
6. 2020: Teaching Material (In Greek) for the university course “Products from chemical processing of wood”, University of Thessaly (**PE05**)
7. 2024: Teaching Material (In Greek) for the university course: «Furniture design for 3D printing – CNC processing, University of Thessaly
8. 2023: Teaching Material (In Greek) for the university course “Wood Technology”, Aristotle University of Thessaloniki
9. 2023: Teaching Material (In Greek) for the university course “Wood Products – Standardization”, Aristotle University of Thessaloniki
10. 2024: Teaching Material (In Greek) for the university course “Technology of Mechanically Processed Wood Products”, Aristotle University of Thessaloniki
11. 2024: Teaching Material (In Greek) for the university course “Wood Adhesives and Wood-Based Composites”, Aristotle University of Thessaloniki
12. 2023: Teaching Material (In Greek) for the university course “Energy Utilization of wood-based biomass” (post-graduate), Aristotle University of Thessaloniki
13. 2023: Teaching Material (In Greek) for the university course “Biomass and Innovative Products” (post-graduate), Aristotle University of Thessaloniki
14. 2023: Teaching Material (In Greek) for the university course “Energy Production from Biomass” (post-graduate), Aristotle University of Thessaloniki

9.8. Metrics

- Scopus (December 2024): Citations: 457, h-index: 14
- Google Scholar (December 2024): Citations: 650, h-index: 15

10.Awards – Distinctions

- Award for PhD studies, AUTH Research Committee (2008)
- Award for Post-doc studies, AUTH Research Committee (2010)
- Election, among other young researchers from all European countries, to present the results of the research activity in the context of doctoral studies at the Young Researchers Forum (Young Researchers Forum) in the context of the 8th International conference FTP-C8: 'Inspiring Horizons – A new Strategic Research and Innovation Agenda for the Forest-based Sector' 11 – 14 March 2013, Barcelona, Spain. (the 10 best out of 180 nominations were selected). (2013)
- 2017: Award for exceptional contribution in reviewing, International Biodeterioration & Biodegradation Journal, Elsevier (2017)

11. Skills

Matlab, SPSS, Statistica, Sigmaplot, Origin, Labview, AutoCAD