

CURICULUM VITAE



Personal Data

Name : Prof. Dr. Lina Karlinasari, S.Hut.MSc.F.Trop.
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Sex : Female
Private address : Blok FE I no 6, Bogor Raya Permai, Jln. Baru Soleh Iskandar, Bogor, Indonesia
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Employment : Lecturer and Researcher
Specialist/Research Topics: Wood Physics-Mechanics, Wood Engineering, Non-destructive Testing of Wood
Institution : Department of Forest Products, Faculty of Forestry, IPB University
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Educational Background

Name of Institution (City/Country)	Dates (mm/yy) - (mm/yy)	Field of Study	Degree	Title of Thesis/Dissertation	Supervisor
Graduate School, Bogor Agricultural University –IPB (Bogor, INDONESIA)	September 2003- March 2007	Wood Science	Dr.	Wood Stiffness and Bending Strength Analysis Based on Non Destructive Testing of Ultrasonic Wave Method and Destructive Testing	Prof. Surjono Surjokusumo; Dr. Naresworo Nugroho; Prof. Yusuf Sudo Hadi
Faculty of Forest Science and Forest Ecology, University of Goettingen (Goettingen, GERMANY)	October 1999 – July 2001	Forestry Science	M.Sc. FTrop.	Tannin from <i>Acacia mangium</i> as a Bonding Agent in Resin Systems	Prof. Dr.-Ing. Edmone Roffael; Dr. Thomas Scheineder; Prof. Suminar S. Achmadi
Faculty of Forestry, Bogor Agricultural University (Bogor, INDONESIA)	September 1992 – February 1997	Wood Technology	Bsc.	The Effect of Plastization Treatment on Phisical and Mechanical Properties of Bending Agathis Wood (<i>Agathis loranthifolia</i>)	Ir. TR. Mardikanto; Dr. Sucahyo Sadiyo; Dr. Bambang Subiyanto

Working Experiences

1. 1998 – now : Teaching staff at Department of Forest Product, Faculty of Forestry, Bogor Agricultural University (IPB)
2. 2003 – 2006 : Secretary of Institution Competitive Program A2 – Department of Forest Products from Directorate General of Higher Education
3. 2007 : Person in Charge of Institution Competitive Program A3 – Department of Forest Products from Directorate General of Higher Education
4. 2007 – now : Secretary of Division of Wood Engineering and Timber Building Design, Department of Forest Product, Faculty of Forestry, Bogor Agricultural University (IPB)
5. 2007 – 2009 : Secretary of Department of Forest Products, Faculty of Forestry, Bogor Agricultural University (IPB)
6. 2010 : Person in Charge for Implementation of Internal Academic Quality Assurance System in Department of Forest Product, Faculty of Forestry, Bogor Agricultural University (IPB)
7. 2010-2012 : Team Member of Internal Academic Auditor in Bogor Agricultural University (IPB)
8. 2011 : Leader of accreditation team at Department of Forest Products, Faculty of Forestry, IPB for National Accreditation
9. 2012 - now : Person in Charge of the Team for Evaluation of Biomass Quality in Faculty of Forestry, IPB
10. 2015 : Team member of Graduate Program Academic Evaluation at Department of Forest Products, Bogor Agricultural University
11. 2016-2017 : Team member at Department of Forest Products, Faculty of Forestry, IPB for National Accreditation
12. 2016 : Leader of accreditation team at Natural Resource and Environmental Management Study Program, Graduate School, IPB for National Accreditation
13. 2016-2019 : Secretary of Master Degree Program at Natural Resource and Environmental Management Study Program, Graduate School, Bogor Agricultural University (IPB)
14. 2019-2023 : Secretary of Doctoral Degree Program at Natural Resource and Environmental Management Study Program, Graduate School, IPB University
15. 2017-2019 : Team member of Publication Clinic at IPB University

Research Experience

No.	Year	Title	Fund Source
1.	2019-2021	Pemanfaatan Limbah Daun Palem Raja (<i>Roystonea regia</i> (Kunth).F.Cook) Sebagai Penguat Produk Komposit Kayu Untuk Memperoleh Material Unggul (Ketua)	Hibah Penelitian Dasar Kompetitif Nasional / Kemenristekdikti
2.	2019	Analisis Komposisi Kimiawi Kebun Jamur Dalam Sarang Rayap Sub-Famili Macrotermatinae Dan Potensinya Sebagai Fungisida Organik Untuk Proteksi Kayu Bangunan (Anggota)	Hibah Penelitian Tesis Magister IPB / Kemenristekdikti
3.	2018-2019	Rekayasa Mesin Uji Tekuk Kolom Bambu Ukuran Penuh (Anggota)	PTUPT IPB / Kemenristekdikti
4.	2017 -2018	Kayu Cepat Tumbuh Termodifikasi Panas (<i>Heat Treatment</i>) Untuk Komponen Bangunan dan	Hibah PUPT IPB / Kemenristekdikti

No.	Year	Title	Fund Source
		Furniture yang Berkualitas dan Ramah Lingkungan (Ketua)	
5.	2017 -2019	Pengembangan Balok Komposit Struktural Menggunakan Pelupuh Bambu dari Jenis Bambu Berdinding Tipis (Anggota)	Hibah PDUPT IPB / Kemenristekdikti
6.	2016 -2018	Tegangan Pertumbuhan Pohon Pohon Tropis: Mekanisme Pembentukan, Kaitan Dengan Pecah Ujung, Kayu Reaksi Dan Juvenilitas, Serta Usaha-Usaha Pengurangannya (Anggota)	Hibah PMDSU Kemenristekdikti
7.	2015 -2017	Penentuan Kuantitas dan Kualitas Gaharu Berdasarkan Pengujian Non Destruktif (NDT) Untuk Mendukung Pengelolaan Hutan Lestari (Ketua)	Hibah Penelitian Stranas / Kemenristekdikti
8.	2016	Model Pendugaan Kelas Kekuatan Sambungan Geser Pada Kayu Dengan Baut Tunggal Akibat Beban Uni-Aksial Tarik” (Anggota)	Hibah PUPT IPB/ Ditjen Dikti
9.	2013	Karakterisasi Sifat Fisis dan Gelombang Suara Batang Pohon Berdiri (<i>Standing Tree</i>) dengan Kandungan Resin Tinggi Secara Nondestruktif (NDT) (Ketua)	Hibah Fundamental untuk Bagian / Desentralisasi IPB
10.	2013	Nondestructive Evaluation for Supporting the Sustainability of Forest Products Utilization: Determination of Gaharu (Agarwood) Characteristics” (Ketua)	Hibah Penelitian. <i>Osaka Gas Foundation-OGFICE</i>
11.	2012 -2013	Dinding Insulasi Berkinerja Tinggi dari Cross Laminated Bambu dan Core Batang Sawit untuk Komponen Konstruksi Hijau dan Lestari (Anggota)	Hibah Penelitian Stranas / Dikti
12.	2012	Aplikasi Pengujian NDT (Nondestructive Testing) Metode NIR (<i>Near Infra Red</i>) Untuk Pendugaan Sifat Dasar Kayu (Ketua)	Hibah Penelitian Bersaing / Dikti
13.	2010 -2011	Pengembangan Panel Akustik Ramah Lingkungan dari Tanaman Kayu Cepat Tumbuh dan Bambu (Ketua)	Hibah Penelitian Kompetensi / DIKTI
14.	2008	Karakterisasi Sifat Dasar Akustik Kayu Untuk Keperluan Alat Musik (Ketua)	Hibah Penelitian Dasar / DIKTI
15.	2004	Non-destructive Evaluation of Standing Tree of <i>Acacia mangium</i> using an Ultrasonic Method (Ketua)	<i>Tanabe Foundation</i>

Community Services Experiences

No.	Year	Title	Fund Source
1.	2010, 2012	Tree health evaluation at USA embassy	USA embassy
2.	2013	Log evaluation for building construction at Bintan Island	PT. Bukit Lagoi Villa, Bintan
3.	2015, 2019	Tree health evaluation at Ragunan’s zoo, Jakarta	Ragunan’s Zoo
4.	2016	Tree health evaluation at Aryaduta Hotel, Tangerang	Aryaduta Hotel

No.	Year	Title	Fund Source
5.	2016, 2017, 2019	Tree health evaluation at SCBD area, Jakarta	PT Danayasa Arthatama
6.	2017-2019	Tree health evaluation at Australia embassy	Australia Embassy
7.	2017	Tree health evaluation at Salatiga city	Salatiga local government
8.	2019	Tree health evaluation for building construction in Singapore	CSK Singapore
9.	2017-2019	KOMITE TEKNIK 79-02 Metode Uji Fisik dan Mekanik Kayu	-
10.	2019	KOMITE TEKNIK 97-02 Furniture Kayu, Rotan, dan Bambu	-

Publications

International Publication

1.	2008	Karlinasari, L, M. E. Wahyuna, N. Nugroho. 2008. Non-Destructive Ultrasonic Testing Method for Determining Bending Strength Properties of Gmelina Wood (<i>Gmelina Arborea</i>). Journal of Tropical Forest Science. Vol. 20 (2): 99-104. http://www.frim.gov.my/v1/JTFSONline/jtfs/v20n2/99-104.pdf
2.	2012	Karlinasari L, D. Hermawan, A. Maddu, B. Martianto, YS. Hadi. 2012. Development of Particleboard for Acoustic Panel from Tropical Fast Growing Species. Journal of Tropical Forest Science. 24 (1): 64-69. (impact factor: 0,467) http://www.frim.gov.my/v1/JTFSONline/jtfs/v24n1/64-69.pdf
3.	2012	Karlinasari L, D. Hermawan, A. Maddu, B. Martianto, IK. Lucky, N. Nugroho, YS. Hadi. 2012. Acoustical Properties of Particleboards Made from Betung bamboo (<i>Dendrocalamus asper</i>) as Building Construction Material. BioResources 7(4): 5700-5709. (impact factor: 1,418) http://www.ncsu.edu/bioresources/BioRes_07/BioRes_07_4_5700_Karlinasari_HMMNH_Acoustic_Prop_Particleboard_Bamboo_2681.pdf
4.	2013	Bahtiar ET, N. Nugroho, S. Surjokusumo, L. Karlinasari. 2013. Eccentricity Effect on Bamboo's Flexural Properties. Journal of Biological Sciences. 13(2):82-87. ISSN: 1727-3048. DOI: 10.3923/jbs.2013.82.87. http://docsdrive.com/pdfs/ansinet/jbs/2013/82-87.pdf
5.	2013	Karlinasari, L, M. Sabed, I NJ. Wistara, H. Wijayanto, YA.Purwanto. 2013. Near Infrared (NIR) Spectroscopy to Predict Physical Properties of <i>Acacia mangium</i> at Three Different Age Classes. Journal of Indonesian Wood Research Society. Vol. 4 (1):7-12.
6.	2014	Indahsuary N, D. Nandika, L. Karlinasari, E. Santoso. 2014. Reliability of sonic tomography to detect agarwood in <i>Aquilaria microcarpa</i> Baill. Journal of the Indian Academy Wood Science. 11(1): 65-71. ISSN 0972X; DOI 10.007/s13196-014-0119-x) http://link.springer.com/article/10.1007%2Fs13196-014-0119-x#page-1

7.	2014	Bahtiar ET, Nugroho, N., Karlinasari, L. , Surjokusumo, S. 2014. Human comfort period outside and inside bamboo stands. Journal of Environmental Science and Technology. Vol 7 (5): 245-265. http://scialert.net/qredirect.php?doi=jest.2014.245.265&linkid=pdf
8.	2014	Karlinasari L , M Sabed, INJ. Wistara, YA Purwanto. 2014. Near infrared (NIR) spectroscopy for estimating the chemical composition of Acacia (<i>Acacia mangium</i> Willd.) wood. Journal of the Indian Academy Wood Science. Vol. 11(2): 162-167.
9.	2015	Purba CYC, E Noyer E, J Ruelle, J Dlouha, L Karlinasari , M Fournier. 2015. Growth stresses in old Beech poles after thinning: distribution and relation with wood anatomy. Journal of the Indian Academy Wood Science. Vol 12 (1): 37-43. DOI 10.1007/s13196-015-0142-6
10.	2015	Karlinasari L , N Indahsuary, HT Kusumo, E Santoso, M. Turjaman, D. Nandika. 2015. Sonic and Ultrasonic Waves in Agarwood Trees (<i>Aquilaria microcarpa</i>) inoculated with <i>Fusarium solani</i> . Journal of Tropical Forest Science. Vol 27 (3):351-356. (impact factor: 0,667). http://www.frim.gov.my/v1/JTFSONline/jtfs/v27n3/351-356.pdf
11.	2016	Karlinasari L , N Putri, M Turjaman, I Wahyudi, D Nandika. 2016. Moisture content effect on sound wave velocity and acoustic tomogram in agarwood trees (<i>Aquilaria malaccensis</i> Lamk.). Turkish Journal of Agriculture and Forestry 40 (5): 696-704. DOI: 10.3906/tar-1511-74 (impact factor: 1.311) http://journals.tubitak.gov.tr/agriculture/accepted.htm
12.	2017	N Putri, Karlinasari L , M Turjaman, I Wahyudi, D Nandika. 2017. Evaluation of incense-resinous wood formation in agarwood (<i>Aquilaria malaccensis</i> Lam.) using sonic tomography. Agriculture and Natural Resources 51: 84-90. http://dx.doi.org/10.1016/j.anres.2016.08.009
13.	2017	Karlinasari L, MI Danu, D Nandika. 2017. Drilling resistance method to evaluate density and hardness properties of resinous wood of agarwood (<i>Aquilaria malaccensis</i>). Wood Research Journal 62(5): 683-690 http://www.woodresearch.sk/wr/201705/02.pdf
14.	2017	Herawati E, S Sadiyo, N Nugroho, L Karlinasari. 2017. Bolt-bearing strength and its relationship to mechanical properties of wood, evaluated in six Indonesian tropical hardwoods. International Wood Products Journal. 8 (4): 233-237. DOI: 10.1080/20426445.2017.1394562 http://dx.doi.org/10.1080/20426445.2017.1394562
15.	2017	Karlinasari L, S Andini, D Worabai, P Pamungkas, SW Budi, IZ Siregar. 2017. Tree growth performance and estimation of wood quality in plantation trials for <i>Maenopsis eminii</i> and Shorea spp. Jurnal Forestry Research. 29 (4): 1157-1166. DOI 10.1007/s11676-017-0510-8 http://rdcu.be/ye4t
16.	2018	Karlinasari L, AT Lestari, T Priadi. 2018. Evaluation of surface roughness and wettability of heat-treated, fast-growing tropical wood species sengon (<i>Paraserianthes falcataria</i> (L.) I.C.Nielsen), jabon (<i>Anthocephalus cadamba</i> (Roxb.) Miq), and acacia (<i>Acacia mangium</i> Willd.). International Wood Products Journal 9(3): 142-148. (online 5 September 2018)

		https://www.tandfonline.com/doi/abs/10.1080/20426445.2018.1516918?journalCode=ywpj20
17.	2018	Karlinasari L, MI Azmi, T Priadi. 2018. The changes in color and dynamic modulus of elasticity of five important Indonesian tropical wood species after 10 months of outdoor exposure. <i>J Indian Acad Wood Sci.</i> 15(2): 149-157 DOI 10.1007/s13196-018-0220-7 (online 22 October 2018) https://link.springer.com/article/10.1007%2Fs13196-018-0220-7
18.	2019	Narendra B, Widiatmakan, C Kusmana, L Karlinasari, Machfud. 2019. Multi-dimensional rapid appraisal technique for evaluating the sustainability of energy plantation forests in East Lombok District, Indonesia. <i>Biodiversitas.</i> 20(4): 1027-20133. https://smujo.id/biodiv/article/view/3538
19.	2019	Fauziyyah S, L Karlinasari, D Nandika. 2019. Penetration Depth Evaluation Approach for Termite-infested Shorea spp. Lumber. <i>BioResources</i> 14(3): 7080-7094. https://ojs.cnr.ncsu.edu/index.php/BioRes/article/view/BioRes_14_3_7080_Fauziyyah_Penetration_Depth_Evaluation_Approach/7026

National Journal (accredited)

1.	2005	Karlinasari, L, M. Mulyadi, dan S. Sadiyo. 2005. Kecepatan Rambatan Gelombang Ultrasonik dan Keteguhan Lentur Beberapa Jenis Kayu Pada Berbagai Kondisi Kadar Air. <i>Jurnal Teknologi Hasil Hutan.</i> Vol 18 (2): 70-79.
2.	2006	Karlinasari, L., S. Surjokusumo, N. Nugroho, dan Y.S. Hadi. 2006. Pengujian Non Destruktif Gelombang Ultrasonik Pada Balok Tiga Jenis Kayu Tanaman Indonesia. <i>Jurnal Teknologi Hasil Hutan.</i> Vol. 19 (1): 15-22.
3.	2010	Karlinasari, L. M. Widyani, dan DS. Nawawi . 2010. Kajian Sifat Anatomi dan Kimia Kayu Kaitannya dengan Sifat Akustik Kayu. <i>Jurnal Bionatura.</i> Vol 12 (3): 110-116. http://www.bionatura.unpad.ac.id/index.php?option=com_content&view=article&id=398:kajian-sifat-anatomi-dan-kimia-kayu-kaitannya-dengan-sifat-akustik-kayu-lina-karlinasari-deded-s-nawawi-meita-widyani&catid=47:artikel-baru&Itemid=144
4.	2010	Karlinasari, L, M. Rahmawati, dan TR. Mardikanto. 2010. Pengaruh Pengawetan Kayu Terhadap Kecepatan Gelombang Ultrasonik dan Sifat Mekanis Lentur serta Tekan Sejajar Serat Kayu <i>Acacia mangium</i> Willd. <i>Jurnal Teknik Sipil.</i> Vol 17 (3): 163-170. http://www.ftsl.itb.ac.id/wp-content/uploads/2009/10/2.-Lina-Karlinasari-Vol.17-No.3.pdf
5.	2012	Karlinasari, L, H. Baihaqi, A. Maddu, and TR. Mardikanto. 2012. The Acoustical Properties of Indonesian Hardwood Species. <i>Makara Journal of Science.</i> Vol. 16 (2): 110-114. http://journal.ui.ac.id/index.php/science/article/view/1405/1235
6.	2012	Budi SW, A Sukendro, L Karlinasari. 2012. Penggunaan Pot Berbahan Dasar Organik untuk Pembibitan <i>Gmelina arborea</i> Roxb. di Persemaian. <i>Jurnal Agronomi Indonesia</i> 40 (3): 239-245

7.	2014	Bahtiar ET, N. Nugroho, S. Surjokusumo, L. Karlinasari, A. Darwis. 2014. Rasio Ikatan Pembuluh sebagai Substitusi Rasio Modulus Elastisitas pada Analisa Layer System pada Bilah Bambu dan Bambu Laminasi. <i>Jurnal Teknik Sipil</i> . Vol. 21 (2): 147-162. http://www.ftsl.itb.ac.id/wp-content/uploads/2013/05/6.-Effendi-Tri-Bahtiar-dkk-Vol.21-No.2-Hal-147-162.pdf
8.	2014	Mutmainah, S Sadiyo, L Karlinasari. 2014. Kekuatan Tekan Tegak Lurus Serat <i>Cross Laminated Timber</i> (CLT) Tiga Jenis Kayu Rakyat. <i>Jurnal Ilmu dan Teknologi Kayu Tropis</i> . Vol 12 (2): 134-145 http://www.ejournalmapeki.org/index.php/JITKT/article/view/69
9.	2015	Jamilah M, L. Karlinasari, S. Sadiyo, G. Santosa. 2015. Karakteristik Kecepatan Gelombang Suara dan Sifat Anatomi Sadapan Pohon Pinus. <i>Jurnal Ilmu dan Teknologi Kayu Tropis</i> 13(1):51-60 http://www.ejournalmapeki.org/index.php/JITKT/article/view/59
10.	2016	Bahtiar ET, N. Nugroho, S. Surjokusumo, L. Karlinasari, DS Nawawi, DP Lestari. 2016. Pengaruh Komponen Kimia dan Ikatan Pembuluh terhadap Kekuatan Tarik Bambu. <i>Jurnal Teknik Sipil</i> . Vol. 23 (1): 31-40. https://multisite.itb.ac.id/ftsl/wp-content/uploads/sites/8/2016/09/4.-Effendi-Tri-Bahtiar-dkk-Vol.23-No.1-Hal-31-40.pdf
11.	2017	Herawati E, S. Sadiyo, N. Nugroho, L. Karlinasari, FS. Yoresta. 2017. Karakteristik Kekuatan Leleh Lentur Baut Besi dengan Beberapa Variasi Diameter Baut. <i>Jurnal Teknik Sipil</i> . Vol 24 (3): 217-222. https://ftsl.itb.ac.id/wp-content/uploads/sites/8/2017/12/9.-Evalina-Karakteristik-Kekuatan-Leleh-Lentur-Baut-Besi-dengan-Beberapa...-217-222-Vol.-24-No.3.pdf
12.	2018	Karlinasari L, FS Yoresta, T Priadi. 2018. Karakteristik perubahan warna dan kekerasan kayu termodifikasi panas (heat treatment) suhu 120, 150, 180 °C untuk jenis sengon, jabon, dan mangium. <i>Jurnal Ilmu dan Teknologi Kayu Tropis</i> 16(1): 66-80. http://www.ejournalmapeki.org/index.php/JITKT/issue/view/40/showToc
13.	2018	Anna N, IZ Siregar, L Karlinasari, DJ Sudrajat. 2018. Keragaman Genetik Pertumbuhan dan Hubungannya dengan Penetrasi Pilodyn pada Uji Provenansi-Keturunan Jabon (<i>Neolamarkcia cadamba</i> (Roxb) Bosser) di Parung Panjang, Bogor. . <i>Jurnal Ilmu dan Teknologi Kayu Tropis</i> 16(2): 157-174. http://www.ejournalmapeki.org/index.php/JITKT/index

National Journal

1.	1997	Karlinasari, L, TR. Mardikanto, S. Sadiyo, dan B. Subiyanto. 1997. Pengaruh Perlakuan Plastisasi terhadap Sifat Fisis dan Mekanis Kayu Lengkung Agathis (<i>Agathis loranthifolia</i> Salisb.). <i>Jurnal Teknologi Hasil Hutan</i> Vol. X (1): 38-48.
2.	1998	Bakar ES, O. Rachman, d. Hermawan, L. Karlinasari, N. Rosdiana. Pemanfaatan Batang Kelapa Swait (<i>Elaeis guineensis</i> Jacq.) Sebagai Bahan Bangunan dan Furniture (I): Sifat Fisis, Kimia dan Keawetan

		Alami Kayu Kelapa Sawit. Jurnal Teknologi Hasil Huta. Vol. X (1): 1-12.
3.	2002	Karlinasari, L, E. Roffael, Achmadi SS. 2002. Penggunaan Tanin Kulit <i>Acacia mangium</i> Willd. pada Resin Sistem. Jurnal Teknologi Hasil Hutan. Vol. X (1): 1-10.
4.	2009	Kholik, A., Djiono, IZ. Siregar, UJ. Siregar, L. Karlinasari, dan T. Yunanto. 2009. Aplikasi Isotop $\delta^{13}\text{C}$ dan $\delta^{18}\text{O}$ Untuk Lacak Balak Kayu Jati (<i>Tectona grandis</i> Linn.f.) di Jawa. Jurnal Ilmu dan Teknologi Kayu Tropis. Vol 7 (1): 15-21.
5.	2009	Karlinasari, L, I. Rita, dan IS. Rahayu. 2009. Perubahan Kekakuan Dinamis Kayu Setelah Pengujian Keawetan Alami Kayu Nangka dan Mangium. Jurnal Ilmu dan Teknologi Hasil Hutan. Vol. 2 (1): 40-43.
6.	2011	Karlinasari, L, D. Hermawan, A. Maddu, dan B. Martianto. 2011. Sifat Penyerapan dan Isolasi Suara Papan Wol Berkerapatan Sedang-Tinggi dari Beberapa Kayu Cepat Tumbuh. Jurnal Ilmu dan Teknologi Hasil Hutan. Vol.4 (1): 8-13.
7.	2011	Wardani, L, ET. Bahtiar, IM. Sulastiningsih, A. Darwis, L. Karlinasari, N. Nugroho, dan S. Surjokusumo. 2011. Kekuatan Tekan dan Rasio Poisson Kayu Pangsor (<i>Ficus callosa</i> Willd.) dan Kecapi (<i>Sandoricum kucape</i> Merr.). Jurnal Ilmu dan Teknologi Hasil Hutan. Vol.4 (1): 1-7.
8.	2011	Nugroho, N, RLW. Savitri, dan L. Karlinasari. 2011. Sifat Fisis dan Mekanis Kayu Jabon (<i>Anthocephalus cadamba</i> (Roxb.) Miq.). Jurnal Ilmu dan Teknologi Hasil Hutan. Vol. 4 (1): 58-64.
9.	2011	Karlinasari, L, MF. Ikhsan, D. Hermawan, A. Maddu, dan A. Firmanti. 2011. Pengujian Non destruktif Metode Stress Wave Papan Partikel Wol semen Beberapa Kayu Cepat Tumbuh. Jurnal Ilmu dan Teknologi Kayu Tropis. Vol. 9 (2):172-181.
10.	2012	Karlinasari L, IL Mariyanti, HN Batubara, RM Dhani, D Nandika. 2012. Evaluasi visual dan karakteristik kecepatan gelombang ultrasonic pohon peneuh di perkotaan dan hutan tanaman. Jurnal Ilmu dan Teknologi Hasil Hutan. Vol. 5 (2): 40-46.
11.	2012	Sejati, PS, Arinana, EN. Herliyana, dan L. Karlinasari. 2012. Ketahanan Papan Partikel Berkerapatan Sedang dari Tiga Jenis Kayu Cepat Tumbuh terhadap Rayap Tanah dan Jamur Pelapuk. Jurnal Ilmu dan Teknologi Hasil Hutan. Vol. 5 (1): 5-9.
12.	2012	Karlinasari, L, D. Hermawan, A. Maddu. 2012. Pengujian Sifat Fisis-Mekanis dan Nondestruktif Metode Gelombang Suara Papan Wol Semen Berkerapatan Sedang-Tinggi Bambu betung (<i>Dendrocalamus asper</i> Backer). Jurnal Ilmu Pertanian Indonesia. Vol. 17(1): 38-43.
13.	2012	Karlinasari, L, M. Sabed, I NJ. Wistara, H. Wijayanto, YA.Purwanto. 2012. Karakteristik Spektra Absorbansi NIR (<i>Near Infra Red</i>) Spektroskopi Kayu <i>Acacia mangium</i> Willd.pada 3 Umur Berbeda. Jurnal Ilmu Kehutanan. Vol. VI (1): 45-52. http://jurnal.ugm.ac.id/index.php/jikfkt/issue/view/567
14.	2012	Karlinasari L, IL Maryanti, HN Batubara, RM Dhani, D Nandika. 2012. Evaluasi Visual dan Karakteristik Kecepatan Gelombang Ultrasonik Pohon Peneuh Di Perkotaan dan Hutan Tanaman. Jurnal Ilmu dan Teknologi Hasil Hutan. Vol. 5 (2): 40-46

15.	2013	Karlinasari, L, M. Sabed, I NJ. Wistara, H. Wijayanto, YA.Purwanto. Near Infrared (NIR) Spectroscopy to Predict Physical Properties of <i>Acacia mangium</i> at Three Different Age Classes. Journal of Indonesian Wood Research Society. Vol. 4 (1):7-12.
16.	2013	ET Bahtiar, N Nugroho, S Surjokusumo, L Karlinasari, A Darwis. 2013. Analisis Layer System Bambu Laminasi Berdasarkan Penyebaran Kerapatan Ikatan Pembuluhnya. Jurnal Ilmu Pertanian Indonesia Vol. 18 (1): 29 42. http://ilkom.journal.ipb.ac.id/index.php/JIPI/article/view/8362
17.	2014	Wulandari D, Karlinasari L, Yoresta FS. 2014. Evaluasi Kondisi Bangunan Rumah Adat Aceh Dan Kalimantan Tengah Di Taman Mini Indonesia Indah. Jurnal Ilmu dan Teknologi Hasil Hutan 7 (1):49-61.
18.	2014	Mutmainah, S Sadiyo, L Karlinasari. 2014. Evaluasi Pengujian Dinding Geser Panel Cross Laminated Timber (Clt) Dari Tiga Jenis Kayu Rakyat. Forestsains. Vol 11(2): 99-109

International Proceeding

1.	2005	Karlinasari, L. S. Surjokusumo, YS. Hadi, and N. Nugroho. 2006. Non-Destructive Testing on Six Tropical Woods Using Ultrasonic Method. Proceeding: The 6 th International Wood Science Symposium. Editor: W. Dwianto. 29-31 August 2005. Bali, Indonesia. Pp. 109-116.
2.	2007	Karlinasari, L, S. Surjokusumo, N. Hugroho, YS. Hadi. 2007. Evaluation of Wood Beam Quality of <i>Paraserianthes falcataria</i> . Proceeding: The 15 th International Nondestructive Testing and Evaluation of Wood Symposium. Editor: R.J. Ross, X. Wang, and BK. Brashaw. Duluth, USA. Pp. 187-190.
3.	2009	Karlinasari, L, R.Oktarina, EW. Pebriansjah, and TR. Mardikanto. 2009. Non-Destructive Testing of Tropical Wood for Structural Uses. Proceeding: The 16 th International Nondestructive Testing and Evaluation of Wood Symposium. Editors: H. Zhang and X. Wang. 12-14 October 2009. Beijing, China. Pp. 125-129.
4.	2010	Karlinasari, L, N. Nugroho, S. Surjokusumo. 2010. Development of Earthquake Resistant House with Pre-Fabrication System Using <i>Acacia Mangium</i> . Proceeding The German-DAAD alumni Workshop. Editors: IZ. Siregar, W. Lorenz, and Despal. Bogor, Indonesia. Pp. 39-43.
5.	2011	Karlinasari, L, IL. Mardiyanti, and D. Nandika. 2011. Ultrasonic Wave Propagation Characteristics of Standing Tree in Urban Area. Proceeding: The 17 th International Nondestructive Testing and Evaluation of Wood Symposium. Editor: F. Divoz. 14-16 September 2011. Sopron, Hungary. Pp. 151-157.
6.	2011	Karlinasari, L. and ET. Bahtiar. 2011. Nondestructive evaluation of End-Jointed in Meranti Wood (<i>Shorea spp.</i>) Using Ultrasonic Wave Technique. Proceeding: The 17 th International Nondestructive Testing and Evaluation of Wood Symposium. Editor: F. Divoz. 14-16 September 2011. Sopron, Hungary. Pp. 337-341.
7.	2013	Karlinasari, L. NI Uar, HT Kusumo, E Santoso, D Nandika. 2013. Evaluation of Agarwood (<i>Aquilaria micropcarpa</i>) Trees Using Ultrasonic Wave Propagation. Proceeding: The 18 th International

		Nondestructive Testing and Evaluation of Wood Symposium. FPL-GTR-226. 24-27 September 2013. Madison, Wisconsin. USA. Pp. 107-111.
8.	2018	Karlinasari L, AT Lestari, MYS Nababan. IZ Siregar, D Nandika. 2018. Assessment of urban tree condition using sonic tomography technology. The International Symposium on Arboriculture in the Tropics: Securing Ecosystem Functions in Urban Landscape. Bogor, 21 November 2017. https://iopscience.iop.org/article/10.1088/1755-1315/203/1/012030/pdf
9.	2018	D Nandika, L Karlinasari, IZ Siregar, AT Leatari, MYS Nababan. 2018. Characteristics of exposed cavities of urban trees in a landscape of Southtern Jakarta and their filling using polyurethane foam. The International Symposium on Arboriculture in the Tropics: Securing Ecosystem Functions in Urban Landscape. Bogor, 21 November 2017. https://iopscience.iop.org/article/10.1088/1755-1315/203/1/012029
10.	2018	Mujahid, Supriyanto, L Karlinasari. 2018. The assessment of canary trees in the Bogor Botanic Gardens using forest health monitoring and sonic tomography methods. The International Symposium on Arboriculture in the Tropics: Securing Ecosystem Functions in Urban Landscape. Bogor, 21 November 2017. https://iopscience.iop.org/article/10.1088/1755-1315/203/1/012025/pdf
11.	2019	Narendra B, Widiatmakan, C Kusmana, L Karlinasari, Machfud. 2019. Critical land mapping for the development of biomass-based energy in East Lombok Regency, Indonesia. The 1st International Conference on Environmental Sciences ICES2018. 15 November 2018. https://iopscience.iop.org/article/10.1088/1755-1315/314/1/012072

International Presentation

1.	2011	Karlinasari L., MF. Ikhsan, D. Hermawan, A. Maddu, A.Firmanti. 2011. Stress-wave velocity in particleboard of tropical fast growing species. Paper presented at The 3 rd Indonesian Wood Research Society (IWoRS), Yogyakarta 3-4 November 2011.
2.	2012	Karlinasari L., M. Sabed, INJ Wistara, H. Wijayanto, YA.Purwanto. 2012. Nondestructive testing of Near Infrared (NIR) Spectroscopy to Predict Wood Density of <i>Acacia mangium</i> . Paper presented at The 4 th Indonesian Wood Research Society (IWoRS), Makassar 7-8 November 2011.
3.	2012	Bahtiar ET., N. Nugroho, L. Karlinasari. 2012. Strength Ratio Formulation of Bamboo Taper on Center Point Bending Test. Paper presented at The 4th International Symposium of IWoRS, Quality Plaza Hotel, Makassar, Indonesia, November, 7-8, 2012.
4.	2012	Febrianto, F, M.B.Santoso, M.T. Apriani, L. Karlinasari, Arinana and N.H.Kim. 2012. Properties of OSB made from several bamboo species under various resin content with and without steam treatment. Paper presented at The 4th International Symposium of IWoRS, Quality Plaza Hotel, Makassar, Indonesia, November, 7-8, 2012.
5.	2016	Karlinasari L, DI. Qatrunanda, M.Turjaman. 2016. Quality of Agarwood (<i>Aquilaria malaccensis</i>) Based on Resin Content and Color Properties.

		Paper presented at the the 8th International Symposium of Indonesian Wood Research Society. Ambon, Indonesia. 21-22 October 2016.
6.	2016	Karlinasari L, H. Susanto, HS. Al Aden, A. Fimanti. 2016. The physical and mechanical properties of glulam made from <i>Eucalyptus urophylla</i> ST. Blake. Paper presented at The 8th International Symposium of Indonesian Wood Research Society. Ambon, Indonesia. 21-22 October 2016.
7.	2017	Karlinasari L, D.Nandika, IZ. Siregar, M. Turjaman. 2017. Nondestructive Technology for Detecting of Agarwood (<i>Aquilaria malaccensis</i> Lamk.). Paper presented at The IUFRO-INAFOR Joint Conference 2017-“Promoting sustainable resources from plantation forests for economic growth and community welfare”. Yogyakarta, Indonesia. 24-27 Juli 2017.
8.	2018	Karlinasari L, NA Pratama, YA Purwanto, M Turjaman. 2018. Rapid Analysis for Predicting Agarwood Content Using Near Infrared Spectroscopy (NIRS). 2018 SWST/JWRS International Convention: Era of a Sustainable World - Tradition and Innovation for Wood Science and Technology Nagoya, Jepang. . 5-9 September 2019.

National Presentatation

1.	2011	Karlinasari L., MF. Ikhsan, D. Hermawan, A. Maddu, A.Firmanti. 2011. Pengujian nondestruktif metode gelombang suara pada papan partikel semen. Makalah Presentasi pada Seminar Nasional “Masyarakat Peneliti Kayu Indonesia (MAPEKI) XIV”, Yogyakarta, 2-4 November 2011.
2.	2012	Karlinasari L. 2012. Pendugaan Kualitas Kayu Pohon Berdiri Menggunakan Pengujian Nondestruktif Metode Ultrasonik. Makalah Presentasi pada Seminar Nasional “Kesehatan Hutan dan Kesehatan Pengusahaan Hutan untuk Produktivitas Hutan”, Bogor, 14 Juni 2012.
3.	2012	Karlinasari L. dan RM. Dhani. 2012 Studi Awal Evaluasi Keberadaan Gaharu Menggunakan Teknologi Nondestruktif. Makalah Presentasi pada Seminar Nasional “Masyarakat Peneliti Kayu Indonesia (MAPEKI) XV”, Makasar, 6-7 November 2012.
4.	2012	Karlinasari L. 2012. Teknologi Evaluasi Kesehatan Pohon: Studi Kasus Evaluasi Nondestruktif di Perkotaan; Makalah pada Lokakarya “Peran Pohon Dalam Mewujudkan Permukiman dan Kota Ramah Lingkungan (Eco City)”, Bogor 3 Desember 2012. <i>Invited speaker</i> .
5.	2014	Karlinasari L, DA Kurniyanti, FS Yoresta. 2014. Evaluasi Kondisi Bangunan Bersejarah Masjid Agung Demak. Seminar Nasional “Masyarakat Peneliti Kayu Indonesia (MAPEKI) XVII”, Medan 11 Novmber 2014.
6.	2015	Karlinasari L. 2015. Teknologi <i>Acoustic Tomograph</i> Untuk Deteksi Kondisi Pohon; Makalah pada Lokakarya “Lokakarya Mitigasi Pohon Tumbang di Perkotaan”; Bandung 18 Maret 2015. <i>Invited speaker</i> .
7.	2015	Karlinasari L. 2015. Aplikasi pengujian tanpa merusak (NDT) berbasis gelombang bunyi pada evaluasi balok dan log untuk kepentingan struktur. Seminar Nasional MAPEKI XVIII, Bandung 4 November

		2015. <i>Invited Speaker</i>
8.	2016	Karlinasari L. 2016. Deteksi Pohon Berbahaya (Hazard Tree) di Public Area. Makalah Pelatihan Monitoring Pohon Perkotaan. Bogor 17 November 2016. Instruktur
9.	2016	Karlinasari L. 2016. Aplikasi Teknologi NDT dan Pengenalan Sonic Tomography. Makalah Pada Pelatihan Evaluasi Kesehatan Pohon. Kerjasama Fakultas Kehutanan IPB dengan PT. Danayasa Arthatama Tbk. 5-7 Desember 2016. Instruktur.
10.	2019	Karlinasari L. 2019. Pemeriksaan Kesehatan Pohon. Pelatihan Kesehatan Pohon di Taman Margasatwa Ragunan. 6-7 Agustus 2019.

Books

1.	2009	Sifat Mekanis Kayu: Ilmu Dasar Teknologi Kayu (202 halaman); IPB Press
2.	2011	Pemanfaatan Kayu dan Bambu: Kaitannya dengan Keperluan Akustika; IPB Press
3.	2016	Agarwood: Science behind the Fragrance; Springer Verlag (Book Chapter: Chapter 9 "Acoustic-Based Technology for Agarwood Detection in Aquilaria Trees") (137-148) – 165 hal
4.	2017	Modul Praktikum "Sifat Mekanis Kayu"; IPB Press

International Training/Courses

No	Activity
1.	Summer Training Course on Nondestructive Testing of Wood; University of Western Hungary, Sopron, Hungary. 25-29 August 2003.
2.	Short Training Sylvatest Duo; di EPFL, Lausanne, Switzerland. 01 September 2003.
3.	International Summer School "Forestry, Markets and Society"; University of Freiburg, Germany, 18-29 July 2005.
4.	Training Course on Wood Processing Technology in Japan. Kyoto-Shimane, 4-15 September 2005.
5.	IUFRO Workshop on Nondestructive Testing of Wood and Wood Physic; Northeast Forestry University, Harbin, China. 7-9 Agustus 2006
6.	Pre-Conference Training Workshop. Forest Adaptation 2008. IUFRO, SLU, FAO. Faculty of Forest Sciences, SLU, Umeå, Swedia. 22 – 24 August 2008.
7.	The 14th Arborist Certification Programme Course. Malaysian Society of Arborist (Persatuan Arboris Malaysia, PARM). Selangor Malaysia. 17-26 July 2019.

Fellowships & Awards

No	Activity
1.	JSPS Short Term Research Invitation Program (Exchange Scientist Program), 1999 in Japan
2.	Gesellschaft fur Technische Zusammenarbeit (GTZ) – DAAD Fellowship for Master Program, 1999- 2001 (PKZ: A/99/16127) in Goettingen, Germany
3.	International Tropical Timber Organization (ITTO) Fellowship for Training Course in Hungaria, 2003

No	Activity
4.	German Academic Exchange Service (DAAD) Fellowship for International Summer School, 2005 in Freiburg, Germany
5.	BPPS Fellowship (Ministry of National Education, Republic of Indonesia) for Doctoral Study, 2003-2006
6.	ITTO Fellowship for Ph.D. Research, 2006-2007
7.	The best graduation student for Ph.D, June 2007 (Award: Summa Cum Laude)
8.	IUFRO-SPDC (Special Programme for Developing Country) Fellowship for Pre-Conference Training, 2008 in Umea, Sweden
9.	IUFRO-SAP Awardee. Participation in XXIII IUFRO World Congress, 23-28 August 2010 in Seoul, South Korea
10.	Patent Granted from Indonesia Government. August 2019. Panel Akustik dari Kayu Akasia.

Bogor, August 2019

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