

## DAFTAR PUSTAKA

- Bachtiar, E. T. (2015). *Keandalan Bambu Untuk Material Konstruksi Hijau*. Bogor: Sekolah Pascasarjana Institut Pertanian Bogor.
- Bucur, V. 2005. *Ultrasonic Techniques For Nondestructive Testing Of Standing Trees*. Ultrasonics 43 (2005) 237–239
- Divós, F., Tanaka, T. 2005. *Relation Between Static And Dynamic Modulus Of Elasticity Of Wood*. Acta Silv. Lign. Hung., Vol. 1 (2005) 105-110
- Eratodi, I.G.L.B. 2017. *Struktur dan Rekayasa Bambu*. Universitas Pendidikan Nasional Denpasar Bali
- Feliana, F. (2014). *Studi Empiris Nilai Modulus Elastisitas Kayu Menggunakan Metode Stress wave Velocity*. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan, Fakultas Teknik, Universitas Gadjah Mada.
- Haris, H. (2008). *Pengujian sSifat Fisis dan Mekanis Buluh Bambu Sebagai nahan Kontruksi Menggunakan ISO 22157-2: 2004*. Departemen Hasil Hutan Fakultas Kehutanan Institut Bogor.
- ISO. (2004). ISO 22156, *Bamboo - Structural Design. International Standard*. Switzerland.
- ISO. (2004). ISO 22157-1, *Bamboo - Determination of Physical and Mechanical Properties - Part 1: Requirements. International Standard*. Switzerland.
- ISO. (2004). ISO/TR 22157-2, *Bamboo - Determination of Physical and Mechanical Properties - Part 2: Laboratory Manual. Technical Report*. Switzerlan
- Junaid, A. (2016). *Kajian Modulus Elastisitas Bambu Menggunakan Metode Destruktive dan NonDestruktive*. Yogyakarta: Jurusan Teknik Sipil dan Lingkungan, Fakultas Teknik, Universitas Gadjah Mada.
- Karlinasari, L., Hermawan, D., Maddu, A., Iksan, M.F., Firmanti, A. 2012. *Pengujian Sifat Fisis-Mekanis dan Nondestruktif Metode Gelombang Suara Papan Wol Semen Berkerapatan Sedang-Tinggi Bambu Betung (Dendrocalamus Asper) (Physical-Mechanical Properties And Nondestructive Testing Using Stress Wave Velocity Method Of Cement-Bonded Boards Made Of Betung Bamboo)*. Jurnal Ilmu Pertanian Indonesia, April 2012, Hlm. 16-21 Vol. 17 No.1 ISSN 0853 – 4217

- Karlinasari, L., Rahmawati, M., Mardikanto, TR.2010. *Pengaruh Pengawetan Kayu Terhadap Kecepatan Gelombang Ultrasonik dan Sifat Mekanis Lentur serta Tekan Sejajar Serat Kayu Acacia Mangium Willd* . Jurnal Teoretis Dan Terapan Bidang Rekayasa Sipil Vol. 17 No. 3 Desember 2010
- Liese, W. 1998. *The Anatomy Of Bamboo Culms*. International Network For Bamboo And Rattan.
- Lin, C.J., Tsai, M.J., Wang, S.Y.2006. *Nondestructive Evaluation Techniques For Assessing Dynamic Modulus Of Elasticity Of Moso Bamboo (Phyllosachys Edulis) Lamina*. Wood Sci (2006) 52:342–347 © The Japan Wood Research Society 2006 DOI 10.1007/S10086-005-0772-1
- Loiwatu, M. 2008. *Sifat Anat Omi Dan Nilai Turunan Tiga Jenis Bambu (Dendrocalamus Asper, Schizostachyum Brachycladum dan Schizostachyum Lima), di Pulau Seram (Studi Kasus di Tiga Kecamatan di Pulau Seram)*. Jurnal Agroforestri Volume III Nomor 2 Juni 2008.
- Loiwatu, M., Manuhuwa, E. 2008. *Komponen Kimia Dan Anatomi Tiga Jenis Bambu Dari Seram, Maluku Chemical Component And Anatomical Feature Of Three Bamboo Species From Seram, Maluku*. AGRITECH, Vol. 28, No. 2 Mei 2008.
- Morisco. (1999). *Rekayasa Bambu*. Yogyakarta: Nafiri Offset.
- Morisco. (2006). *Bahan Kuliah Teknologi Bambu*. Yogyakarta: Universitas Gadjah Mada.
- Oliveira, F.G.R., Sales, A.2005. *Relationship Between Density And Ultrasonic Velocity In Brazilian Tropical Woods*. Bioresource Technology 97 (2006) 2443–2446 Bioresource Technology 97 (2006) 2443–2446
- Pellerin, R. F., & Ross, R. J. (2002). *Nondestructive Evaluation of Wood*. America: Forest Products Society United States of America.
- Praptoyo, H., Wathoni, F.2013.*Pengaruh Perbedaan Tempat Tumbuh Terhadap Variasi Sifat Anatomi Bambu Wulung (Gigantochloa Atroviolaceae) pada Kedudukan Aksial*. Prosiding Seminar Nasional Masyarakat Peneliti Kayu Indonesia (Mapeki) XVI.
- Reis, E., & Dilek, U. (2012). *Non-Destructive Evaluation and Laboratory Testing of Concrete Structure Damaged by Fire*. Forensic Engineering .
- Ribeiro, R. A. S., Ribeiro, M. G. S., Miranda, I. P.A. 2017. *Bending Strength And Nondestructive Evaluation Of Structural Bamboo*. Construction And Building Materials 146 (2017) 38–42

- Ross, R. (1992). *Nondestructive Testing of Wood*. In: Proceedings Nondestructive Evaluation of Civil Structures and Materials. Colorado, 43-47.
- Ross, R. (2015). *Static Bending, Transverse Vibration, and Longitudinal Stress Wave Nondestructive Evaluation Methods*. In *Nondestructive Evaluation of Wood* Second Edition (pp. 5-19). Madison, USA: USDA (United States Department of Agriculture).
- Ross, R.J. 2015. *Nondestructive Evaluation Of Wood* Second Edition. United States Department Of Agriculture.
- Ulfah, D. (2006) *Analisis Sifat Fisika Bambu Apus (Gigantochloa Apus Kurz) Berdasarkan Posisi di Sepanjang Batang*. Jurnal Hutan Tropis Borneo Volume 07 No. 19, September 2006
- Wang, S.Y., Chen, J.H., Tsai, M.J.Lin. C.J., Yang, T.H. 2008. *Grading Of Softwood Lumber Using Non-Destructive Techniques*. Journal Of Materials Processing Technology 208 (2008) 149–158
- Wang, X., Ross, R. J., Clellan, M.Mc., Barbour, R.J., Erickson,J.R., Forsman, J.W., McGinnis, G.D. 2001. *Nondestructive Evaluation Of Standing Trees With A Stress Wave Method*. *Wood And Fiber Science*, October 2001, V. 33(4)
- Yu, Y., Liu,Y., Gong, M., Xu, Z., Fang, Y. 2017. *R&R Study Of Using A Stress Wave Timer To Measure The Elastic Modulus Of Structural Dimension Lumber*. Measurement 95 (2017) 293–296