

DAFTAR PUSTAKA

- [1] I. I. H. I. Sulistiawati Balong, “karakterisasi biobriket dari eceng gondok,” 2016.
- [2] M. H. Atqiya, A. W. Sholihah, M. M. Sari, R. Della Amellia, and M. Susiana, “Optimalisasi Pengelolaan Eceng Gondok Sebagai Inisiatif Pembangunan Berkelanjutan,” *Community Dev. J. Pengemb. Masy. Islam*, vol. 7, no. 2, p. 189, 2024, doi: 10.21043/cdjpmi.v7i2.23399.
- [3] A. F. Abdel-Fattah and M. A. Abdel-Naby, “*Pretreatment and enzymic saccharification of water hyacinth cellulose*,” *Carbohydr. Polym.*, vol. 87, no. 3, pp. 2109–2113, 2012, doi: 10.1016/j.carbpol.2011.10.033.
- [4] M. Z. Aris and Y. Amani, “Pengaruh Variasi Temperatur Torefaksi Terhadap Karakteristik dan Nilai Kalor dari Produk Briket Arang Eceng Gondok,” *Mach. J. Tek. Mesin*, vol. 9, no. 2, pp. 25–30, 2023, doi: 10.33019/jm.v9i2.4264.
- [5] D. Hendra, “Pemanfaatan eceng gondok (*Eichornia crassipes*) Untuk Bahan Baku Briket Sebagai Bahan Bakar Alternatif,” *J. Penelit. Has. Hutan*, vol. 29, no. 2, pp. 189–210, 2011, doi: 10.20886/jphh.2011.29.2.189-210.
- [6] Arni, H. M. Labania, and A. Nismayanti, “Studi Uji Karakteristik Fisis Briket Bioarang sebagai Sumber Energi Alternatif,” *Online J. Nat. Sci.*, vol. 3, no. March, pp. 89–98, 2014.
- [7] A. Musliman and F. Damayanti, “Analisis Mekanik Dan Termal Material Komposit Berbasis Serat Eceng Gondok Sebagai Bahan Kemasan Ramah Lingkungan,” *J. Online Phys.*, vol. 9, no. 1, pp. 98–103, 2023, doi: 10.22437/jop.v9i1.28125.
- [8] K. Murakami and S. Sato, “*Optimization of Mixing Ratios of Binders and Organic Matter for Charcoal Briquette Using Biochars Derived from Water Hyacinth*,” *Solid Fuel Chem.*, vol. 58, no. 3, pp. 226–231, 2024, doi: 10.3103/S0361521924700022.
- [9] K. Setyanto, “Pemanfaatan Eceng Gondok Untuk Membersihkan Kualitas Air Sungai Gadjahwong Yogyakarta,” *J. Teknol. TECHNOSCIENTIA*, vol. 4, no. 1, 2011.

- [10] S. Prasetyo, S. Anggoro, and T. R. Soeprbowati, “Reducing the Density of Water Hyacinth (*Eichhornia crassipes* (Mart.) Solms) in Rawapening Lake by Using It as a Compost Base Material,” *Bioma*, vol. 23, no. 1, pp. 2598–2370, 2021.
- [11] U. Kalsum, “Pembuatan Briket Arang Dari Campuran Limbah,” *Distilasi*, vol. 1, no. 1, pp. 42–50, 2016.
- [12] Kementerian ESDM, “Peraturan Menteri Energi dan Sumber Daya Mineral No. 047/2006 tentang Pedoman Pembuatan dan Pemanfaatan Briket Batubara dan Bahan Bakar Padat Berbasis Batubara,” vol. 2001, 2006.
- [13] Meinovan Dani Setyopambudi, “Analisa Karakteristik Mekanik Briket Dengan Variasi Ukuran Partikel Briket Arang Limbah Serbuk Gergaji Kayu Sengon,” *Syria Stud.*, vol. 7, no. 1, pp. 37–72, 2015.
- [14] B. Mainawa, M. Firmanza, and M. R. Nasrullah, “Rancang Bangun Mesin Pemotong Briket Arang Terintegrasi Konveyor,” 2023.
- [15] N. P. Carnaje, R. B. Talagon, J. P. Peralta, K. Shah, and J. Paz-Ferreiro, “Development and characterisation of charcoal briquettes from water hyacinth (*Eichhornia crassipes*)-molasses blend,” *PLoS One*, vol. 13, no. 11, pp. 1–14, 2018, doi: 10.1371/journal.pone.0207135.
- [16] R. M. Davies and O. A. Davies, “Physical and combustion characteristics of briquettes made from water hyacinth and phytoplankton scum as binder,” *J. Combust.*, vol. 2013, 2013, doi: 10.1155/2013/549894.
- [17] M. H. Moklis, S. Cheng, and J. S. Cross, “Current and Future Trends for Crude Glycerol Upgrading to High Value-Added Products,” *Sustain.*, vol. 15, no. 4, 2023, doi: 10.3390/su15042979.
- [18] SNI 03-3958-1995, “Metode Pengujian Kuat Lentur Kayu di Laboratorium,” Badan Standar Nas. Indones., pp. 1–9, 1995.
- [19] A. D.-86 R02, “ASTM Standards: D 440 Standard Test Method of Drop Shatter,” vol. 08, pp. 3–4, 2002.