

DAFTAR PUSTAKA

- Andini, A., Bonnet, S., Rousset, P. dan Hasanudin, U., 2018. *Current Science Association Impact of open burning of crop residues on air pollution and climate change in Indonesia*, 115(12), 2259-2266.
<https://doi.org/10.18520/cs/v115/i12/2259-2266>
- Badan Pengkajian dan Penerapan Teknologi, 2021. *Outlook Energi Indonesia 2021 Perspektif Teknologi Energi Indonesia: Tenaga Surya untuk Penyediaan Energi Charging Station*, In Pusat Pengkajian Industri Proses dan Energi (PPIPE) Badan Pengkajian dan Penerapan Teknologi (BPPT).
- Binod, P., Sindhu, R., Singhania, R. R., Vikram, S., Devi, L., Nagalakshmi, S., Kurien, N., Sukumaran, R. K., dan Pandey, A., 2010. *Bioethanol production from rice straw: An overview*, 101(13), 4767-4774.
<https://doi.org/10.1016/j.biortech.2009.10.079>
- Bølling, A. K., Pagels, J., Yttri, K., Barregard, L., Sallsten, G., Schwarze, P., dan Boman, C., 2009. *Health effects of residential wood smoke particles: the importance of combustion conditions and physicochemical particle properties*, 29. doi:10.1186/1743-8977-6-29
- Byard, R., 2019. *Carbon monoxide – the silent killer*, 15 (2019) 1-2.
doi:10.1007/s12024-018-0040-5.
- Cengel, Y. A. & Boles, M. A., 2015. *Thermodynamics An Engineering Approach*. 8th ed. New York: McGraw-Hill Education.
- Chen, J., Li, C., Ristovski, Z., Milic, A., Gu, Y., Islam, M., . . . Dumka, U., 2017. *Science of the Total Environment A review of biomass burning : Emissions and impacts on air quality, health and climate in China*. *Science Total Environment*, 1000-1034.
- Chenoweth, J. A., Albertson, T. E. dan Greer, M. R., 2021. *Carbon Monoxide*. *Critical Care Clinics*, 37(3), 657-672.
<https://doi.org/10.1016/j.ccc.2021.03.010>
- Crutzen, P. J., Andreae M. O., 1990. *Biomass burning in the tropics: Impact on atmospheric chemistry and biogeochemical cycles*. *Science*, 250(4988), 1669-1678. <https://doi.org/10.1126/science.250.4988.1669>
- Domingos, R., Jadoski, C., Fagan, E., Ono, E., Soares, L., dan Dourado-Neto, D., 2018. *FISIOLOGIA DA PRODUCAO DE CANA DE ACUCAR*.
- El-Sayed, S. A. dan Mostafa, M. E. S., 2016. *Estimation of Thermal and Kinetic Parameters of Sugarcane Bagasse and Cotton Stalks Dust Layers from*

Hot Surface Ignition Tests. Combustion Science and Technology,
188(10), 1655– 1673. <https://doi.org/10.1080/00102202.2016.1193495>

Food and Agriculture Organization of the United Nations, 2021. *World Food and Agriculture – Statistical Yearbook 2021*, s.l.: FAO.
<https://doi.org/10.4060/cb4477en>

Gay, R., 2006. *Le système international d'unités*. 8th ed. https://doi.org/10.1007/1-4020-0613-6_10096

Gummert, M., Nguyen, ., Hung, V., Chivenge, P., dan Douthwaite, B., 2020. *Sustainable Rice Straw Management*. <https://doi.org/10.1007/978-3-030-32373-8>

Gupta, C., 2016. *Fuels, Furnaces and Refractories*. s.l.:PHI Learning.

Hester, R. E., Harrison, R. M. dan Querol, X., 2016. *Airborne Particulate Matter Sources, Atmospheric Processes and Health*. s.l.:The Royal Society of Chemistry.

House, J., 2007. *Principles of Chemical Kinetics*. 2nd ed. Burlington: Elsevier.

Hukkanen, A., Kaivosoja, T., Sippula, O., Nuutinen, K., Jokiniemi, J., dan Tissari, J., 2012. *Reduction of gaseous and particulate emissions from small-scale wood combustion with a catalytic combustor*, 50 (2012) 16–23.
[doi:10.1016/j.atmosenv.2012.01.016](https://doi.org/10.1016/j.atmosenv.2012.01.016).

Index, A. Q., 2022. *AQI Air Quality Index: Real-time Air Pollution Level*.
<https://www.aqi.in/air-quality-map>

Junpen, A., Pansuk, J., Kamnoet, O. dan Cheewaphongphan, P., 2018. *Emission of Air Pollutants from Rice Residue Open*. [doi:10.3390/atmos9110449](https://doi.org/10.3390/atmos9110449).

Kitto, J. dan Stultz, S., 2005. *Steam/its generation and use*. 41st ed. Ohio: The Babcock dan Wilcox Company.

MacCarty, N., Ogle, D., Still, D., Bond, T., Roden, C., dan Willson, B., 2007. *Laboratory comparison of the global-warming potential of six categories of biomass cooking stoves*. 26.
http://farm-check.com/lcs/docs/Global_warming_full_9-6-07.pdf.

Menteri Lingkungan Hidup Dan Kehutanan Republik Indonesia. (2016). *Peraturan Menteri Lingkungan Hidup dan Kehutanan Republik Indonesia Nomor: P.70/Menlhk/Setjen/Kum.1/8/2016 tentang Baku Mutu Emisi Usaha dan/atau Kegiatan Pengolahan Sampah Secara Termal*.

Meyers, R. A. dan Kaltschmitt, M., 2019. *Energy from Organic Materials (Biomass)*. 2nd ed. New York, NY: Springer New York.

- Nugrahaa, M. G., Saptoadi, H., Hidayat, M., Andersson, B., dan Andersson, R., 2019. Particle modelling in biomass combustion using orthogonal collocation. *Applied Energy*.
- Primadita, D., Kumara, I. dan Ariastina, W., 2020. A Review on Biomass For Electricity Generation In Indonesia. *Journal of Electrical, Electronics and Informatics*.
- Ragland, K. W. dan Bryden, K. M., 2011. *Combustion Engineering*. 2nd ed. Boca Raton : CRC Press.
- Rezayati-Charani, P. dan Mohammadi-Rovshandeh, J., 2005. *Effect of pulping variables with dimethyl formamide on the characteristics of bagasse-fiber*, 96(15), 1658–1669. <https://doi.org/10.1016/j.biortech.2004.12.030>
- Saleh, D., 2010. *Peran Perguruan Tinggi dalam Membangun Bangsa Melalui Pembangunan di Bidang Energi*. Yogyakarta: Pidato Ilmiah Dies Natalis ke 64 Pendidikan Tinggi Teknik UGM.
- Sippula, O., 2010. *FINE PARTICLE FORMATION AND EMISSIONS IN BIOMASS COMBUSTION*, University of Eastern Finland, 2010. <http://www.atm.helsinki.fi/faar/reportseries/rs-108.pdf>.
- Sippula, O., Hokkinen, J., Puustinen, H., Yli-Pirilä, P., dan Jokiniemi, J., 2009. *Comparison of particle emissions from small heavy fuel oil and wood-fired boilers*. 43 (2009) 4855–4864. doi:10.1016/j.atmosenv.2009.07.022.
- Srivastava, N., Srivastava, M., Mishra, P., Singh, P., dan Ramteke, P., 2015. *Application of Cellulases in Biofuels Industries: An Overview*. 1(1), 55. <https://doi.org/10.5958/2454-8618.2015.00007.3>.
- Streets, D. G., Yarber, K. F., Woo, J.-H. dan Carmichael, G. R., 2003. *Biomass burning in Asia: Annual and seasonal estimates and atmospheric emissions*. s.l., s.n., pp. n/a-n/a.
- Warnatz, R., Mass, J. dan Dibble, U., 2006. *Combustion: Physical and Chemical Fundamentals, Modelling and Simulation, Experiments, Pollutant Formation*. Berlin: Springer.
- Wilbur, S., Williams, M., Williams, R., Scinicariello, F., dan Klotzbach, J., 2012. TOXICOLOGICAL PROFILE FOR CARBON MONOXIDE. *Agency for Toxic Substances and Disease Registry*.
- Wulandari, S.; Sumanto, S. dan Saefudin, S., 2020. PENGELOLAAN BIOMASSA TANAMAN DALAM BIOINDUSTRI PERKEBUNAN MENDUKUNG PENGEMBANGAN BIOENERGI. *Biomass*

*Management in Plantation Bioindustry Supporting Bioenergy
Development, Prespektif.*

- Xing, Y., Xu, Y., Shi, M. dan Lian, Y., 2015. *The impact of PM2.5 on the human respiratory system*, J. Thorac. Dis. 8 (2016) E69–E74.
doi:10.3978/j.issn.2072-1439.2016.01.19.
- Yin, C., Rosendahl, L. dan Kær, S., 2008. *Grate-firing of biomass for heat and power production*, Prog. Energy Combust. Sci. 34 (2008) 725–754.
doi:10.1016/J.PECS.2008.05.002.