

DAFTAR PUSTAKA

- [1] F. Ferdyson and J. Windarta, "Overview Pemanfaatan dan Perkembangan Sumber Daya Energi Surya Sebagai Energi Terbarukan di Indonesia," *J. Energi Baru dan Terbarukan*, vol. 4, no. 1, pp. 1–6, 2023, doi: 10.14710/jebt.2023.15714.
- [2] D. F. Silalahi, A. Blakers, M. Stocks, B. Lu, C. Cheng, and L. Hayes, "Indonesia's vast solar energy potential," *Energies*, vol. 14, no. 17, 2021, doi: 10.3390/en14175424.
- [3] Badan Pusat Statistik, "Produksi Tanaman Buah-buahan dan Sayuran Tahunan Menurut Provinsi dan Jenis Tanaman, 2024." Accessed: Sep. 04, 2025. [Online]. Available: <https://www.bps.go.id/id/statistics-table/3/U0dKc1owczVSalJ5VFdOMWVETnlVRVJ6Y1RJMfp6MDkjMw==/produksi-tanaman-buah-buahan-dan-sayuran-tahunan-menurut-provinsi-dan-jenis-tanaman--2024.html?year=2024>
- [4] R. Juniardi, Y. Desi, and Y. A. Taher, "Jurnal research ilmu pertanian," *J. Res. Ilmu Pertan.*, vol. 3, no. 26, pp. 1–8, 2021, [Online]. Available: <https://ejurnal-unespadang.ac.id/index.php/JRIP>
- [5] A. O. Elzubeir, "Solar dehydration of sliced onion," *Int. J. Veg. Sci.*, vol. 20, no. 3, pp. 264–269, 2014.
- [6] G. Permadi, P. S. Manajemen, K. Jengkol, and J. Barat, "Pengembangan Daya Saing Umkm Dalam," vol. 2, no. 1, pp. 3027–3032, 2022.
- [7] M. Dr. Drs. Jamaluddin P, *PENGOLAHAN ANEKA KERUPUK DAN KERIPIK BAHAN PANGAN*. Makassar: Badan Penerbit Universitas Negeri Makassar, 2018.
- [8] F. H. Napitupulu, H. Ambarita, and S. F. Dina, "Kinerja Pengering Surya Sistem Integrasi Menggunakan Kolektor Plat Datar-Bersirip Dan Absorben Termokimia Untuk Pengeringan Kakao Performance of Solar Dryer'S Integrated System Using Flat Plate-Finned Collector and Thermochemical-Absorbent for Cocoa Bean ," *J. Ris. Ind.*, vol. 9, no. 1, pp. 1–11, 2015.
- [9] A. K. Soteris, "Solar energy engineering," *Process Syst.*, 2009.
- [10] F. Widiyatun, S. A. Kumala, and E. Wahyuni, "P r o s i d i n g S e m i n a r N a s i o n a l S a i n s Percobaan Analisis Warna pada Seng Terhadap Sinar

- Matahari,” *Percobaan Anal. Warn. Pada*, vol. 23, no. 1, pp. 23–28, 2023.
- [11] H. Syarif, A. Thamrin, and M. Ali, “Potensi Briket Sekam Padi Sebagai Adsorben Destilasi Air Laut Menjadi Air Bersih,” vol. 3, no. 1, pp. 371–376, 2025, doi: 10.71452/590811.
- [12] Suhendra and N. Feby, “Analisis Penggunaan Batu Serpih Sebagai Media,” *Turbo*, vol. 7, no. 2, pp. 125–132, 2018.
- [13] Badan Pusat Statistik, “Pada 2024, luas panen padi mencapai sekitar 10,05 juta hektare dengan produksi padi sebanyak 53,14 juta ton gabah kering giling (GKG).” Accessed: Sep. 04, 2025. [Online]. Available: <https://www.bps.go.id/id/pressrelease/2025/02/03/2414/pada-2024--luas-panen-padi-mencapai-sekitar-10-05-juta-hektare-dengan-produksi-padi-sebanyak-53-14-juta-ton-gabah-kering-giling--gkg--.html>
- [14] T. Iskandar and U. Rofiatin, “Karakteristik Biochar Berdasarkan Jenis Biomassa Dan Parameter Proses Pyrolisis Biochar Characteristics Based on Biomass Types and Pyrolysis Process Parameters,” *J. Tek. Kim.*, vol. 12, no. 1, pp. 28–34, 2017.
- [15] S. Sugiyanto and J. Trisnowati, “Rancang Bangun Mesin Perajang Kerupuk Jengkol untuk Meningkatkan Pendapatan UKM,” *J. Engine Energi, Manufaktur, dan Mater.*, vol. 2, no. 2, p. 25, 2018, doi: 10.30588/jeemm.v2i2.421.
- [16] R. Aribowo, “Kerupuk Jengkol, Olahan Khas Nikmat Asli Sumatera,” rri. Accessed: Sep. 06, 2025. [Online]. Available: <https://rri.co.id/kuliner/1223193/kerupuk-jengkol-olahan-khas-nikmat-asli-sumatera>
- [17] W. YULIANTI, *PERBANDINGAN KARAKTERISTIK PENGERINGAN KERUPUK KULIT ANTARA ABSORBER PASIR PANTAI HITAM DAN BATU SPLIT PADA KOMBINASI KOLEKTOR SURYA - PENGERING TIPE RAK*. Padang: Universitas Andalas, 2025.
- [18] M. Hatta, A. Syuhada, and Z. Fuadi, “Sistim pengeringan ikan dengan metode hybrid,” *J. Polimesin*, vol. 17, no. 1, pp. 9–18, 2019.
- [19] N. Asiah and M. Djaeni, *Konsep Dasar Proses Pengeringan Pangan*. 2021. [Online]. Available: file:///C:/Users/Asus/Downloads/Ebook-Konsep Dasar

- [20] O. V. Ekechukwu and B. Norton, "Review of solar-energy drying systems II: An overview of solar drying technology," *Energy Convers. Manag.*, vol. 40, no. 6, pp. 615–655, 1999, doi: 10.1016/S0196-8904(98)00093-4.
- [21] M. M. Sharikmaslat and C. G. Harge, "A Glance on Solar Drying Technology: A Review," *Asian Rev. Mech. Eng.*, vol. 8, no. 1, pp. 44–47, 2019, doi: 10.51983/arme-2019.8.1.2460.
- [22] K. M. Pandey and R. Chaurasiya, "A review on analysis and development of solar flat plate collector," *Renew. Sustain. Energy Rev.*, vol. 67, pp. 641–650, 2017, doi: 10.1016/j.rser.2016.09.078.
- [23] H. MULMALIK, *PERBANDINGAN KARAKTERISTIK PENGERINGAN BAWANG MERAH MENGGUNAKAN KOLEKTOR SURYA DENGAN ABSORBER BUBUK GRAFIT DAN TANPA BUBUK GRAFIT*. Padang: Universitas Andalas, 2025.
- [24] Rahardjo Tirtoatmodjo and Ekadewi Anggraini Handoyo, "Unjuk Kerja Pemanas Air Jenis Kolektor Surya Plat Datar dengan Satu dan Dua Kaca Penutup," *J. Tek. Mesin*, vol. 1, no. 2, pp. 116–121, 1999, [Online]. Available: <http://puslit2.petra.ac.id/ejournal/index.php/mes/article/view/15903>
- [25] A. Yunus Cengel, "Heat Transference a Practical Approach," 2008, *MacGraw-Hill*.
- [26] O. V. Ekechukwu, "Review of solar-energy drying systems I: An overview of drying principles and theory," *Energy Convers. Manag.*, vol. 40, no. 6, pp. 593–613, 1999, doi: 10.1016/S0196-8904(98)00092-2.
- [27] Y. Song, X. Zhang, B. Ma, S. X. Chang, and J. Gong, "Biochar addition affected the dynamics of ammonia oxidizers and nitrification in microcosms of a coastal alkaline soil," *Biol. Fertil. Soils*, vol. 50, no. 2, pp. 321–332, 2013, doi: 10.1007/s00374-013-0857-8.
- [28] D. Patwa, U. Bordoloi, A. A. Dubey, K. Ravi, S. Sekharan, and P. Kalita, "Energy-efficient biochar production for thermal backfill applications," *Sci. Total Environ.*, vol. 833, p. 155253, 2022, doi: <https://doi.org/10.1016/j.scitotenv.2022.155253>.

- [29] S. Thiao, O. Drame, A. Mar, L. Ndiaye, and I. Youm, “Experimental and Numerical CFD Analysis of a Solar Dryer with Integration of Basalt Thermal Bed for Heat Storage,” *Int. J. Sustain. Green Energy*, vol. 14, no. 1, pp. 20–31, 2025, doi: 10.11648/j.ijsg.20251401.12.
- [30] Y. Wang, “Effects of Biochar Amendment on Soil Thermal Properties in the North China Plain,” no. June, pp. 1157–1166, 2016, doi: 10.2136/sssaj2016.01.0020.

