

## DAFTAR PUSTAKA

- Abdy, M. and Sanusi, W. (2020) 'Karakteristik Kategori Kecepatan Angin di Kota Majene dengan Pendekatan Rantai Markov', *Saintifik*, 6(1), pp. 85–90. doi: 10.31605/saintifik.v6i1.305.
- Adlie, T. A. and Rizal, T. A. (2015) 'Perancangan Turbin Angin Sumbu Horizontal 3 Sudu Dengan Daya Output 1 KW', *Jurutera*, 02(02), pp. 072–078.
- Aji, P. (2019) 'Rancang Bangun Bilah Inverse Taper Dengan Airfoil S1210 Pada Turbin Angin Sumbu Horizontal Skala Kecil', p. 122.
- Bhatia, M. and Angelou, N. (2015) 'Beyond Connections', *Beyond Connections*. doi: 10.1596/24368.
- Djalal, M. R., Imran, A. and Setiadi, H. (2017) 'Desain Sistem Kontrol Pitch Angle Wind Turbine Horizontal Axis Menggunakan Firefly Algorithm', *Jurnal Teknik Elektro*, 9(1), pp. 1–6.
- Drag, K. (2019) 'SIMULASI ALIRAN UDARA PENGGUNAAN WINGLET UNTUK SEPEDA MOTOR 1000 CC PADA BERBAGAI ANGLE', 5(2), pp. 1–5.
- Elson, R. (2015) 'Pengenalan turbin angin skala mikro', pp. 1–64.
- Hasan, M., El-Shahat, A. and Rahman, M. (2017) 'Performance Investigation of Three Combined Airfoils Bladed Small Scale Horizontal Axis wind Turbine by BEM and CFD Analysis', *Journal of Power and Energy Engineering*, 05(05), pp. 14–27. doi: 10.4236/jpee.2017.55002.
- Hong, S. W. *et al.* (2013) 'Application of small-scale wind power system in livestock buildings', *Acta Horticulturae*, 1008(November 2015), pp. 265–272. doi: 10.17660/actahortic.2013.1008.35.
- Hsiao, F. Bin, Bai, C. J. and Chong, W. T. (2013) 'The performance test of three different horizontal axis wind turbine (HAWT) blade shapes using experimental and numerical methods', *Energies*, 6(6), pp. 2784–2803. doi: 10.3390/en6062784.

Kementerian ESDM (2016) 'Jurnal Energi'. Available at: [https://www.esdm.go.id/assets/media/content/FIX2\\_Jurnal\\_Energi\\_Edisi\\_2\\_17112016\(1\).pdf](https://www.esdm.go.id/assets/media/content/FIX2_Jurnal_Energi_Edisi_2_17112016(1).pdf).

Lakew, S. (2016) 'Wind and Solar Resource Assessment and Feasibility Study of Large Scale Off- Grid Hybrid System for Remote Districts of Werder Zone – Ethiopia Department of Electrical and Computer Engineering Wind and Solar Resource Assessment and Feasibility Study of La', (January). doi: 10.13140/RG.2.1.5173.3521.

Leloudas, S. N. *et al.* (2020) 'Low Reynolds airfoil family for small horizontal axis wind turbines based on RG15 airfoil', *SN Applied Sciences*, 2(3), pp. 1–30. doi: 10.1007/s42452-020-2161-1.

Liu, X., Wang, L. and Tang, X. (2013) 'Optimized linearization of chord and twist angle profiles for fixed-pitch fixed-speed wind turbine blades', *Renewable Energy*, 57, pp. 111–119. doi: 10.1016/j.renene.2013.01.036.

Rachman, A. (2012) 'Analisis Dan Pemetaan Potensi Energi Angin Di Indonesia', *Skripsi tidak diterbitkan*, p. 64.

Rajpar, A. H. *et al.* (2021) 'Recent development in the design of wind deflectors for vertical axis wind turbine: A review', *Energies*, 14(16). doi: 10.3390/en14165140.

Shashikumar, C. M., Vijaykumar, H. and Vasudeva, M. (2021) 'Numerical investigation of conventional and tapered Savonius hydrokinetic turbines for low-velocity hydropower application in an irrigation channel', *Sustainable Energy Technologies and Assessments*, 43(March). doi: 10.1016/j.seta.2020.100871.

Supreeth, R. *et al.* (2019) 'Geometrical design of a rotor blade for a small scale horizontal axis wind turbine', *International Journal of Recent Technology and Engineering*, 8(3), pp. 3390–3400. doi: 10.35940/ijrte.C5036.098319.

Yang, K. (2020) 'Geometry design optimization of a wind turbine blade considering effects on aerodynamic performance by linearization', *Energies*, 13(9). doi: 10.3390/en13092320.