

DAFTAR PUSTAKA

- Akmal, S. Z. N. I. (2019). Analisa Profil Aliran Fluida Cair dan Pressure Drop pada Pipa L Menggunakan Metode Simulasi Computational Fluid Dynamic (CFD). *Teknologi Kimia Unimal*, 97–108.
- Amri, K. (2008). *Analisis Hubungan Kondisi Oseanografi Dengan Fluktuasi Hasil Tangkapan Ikan Pelagis Di Selat Sunda*, 55-58.
- Akwa, J. V., Alves Da Silva Júnior, G., & Petry, A. P. (2012). Discussion on the verification of the overlap ratio influence on performance coefficients of a Savonius wind rotor using computational fluid dynamics. *Renewable Energy*, 38(1), 141–149. <https://doi.org/10.1016/j.renene.2011.07.013>
- Ansys. (2009). *Force Reports Dialog Box*. Ansys.
<https://www.afs.enea.it/project/neptunius/docs/fluent/html/ug/node1233.htm>
- Aqilah, F., Islam, M., Juretic, F., Guerrero, J., Wood, D., & Nasir Ani, F. (2018). Study of Mesh Quality Improvement for. *IIUM Engineering Journal*, 19(2), 203–212.
- Kerikous, E., & Thévenin, D. (2019). Optimal shape of thick blades for a hydraulic Savonius turbine. *Renewable Energy*, 134, 629–638.
<https://doi.org/10.1016/j.renene.2018.11.037>
- Khan, M. N. I., Tariq Iqbal, M., Hinchey, M., & Masek, V. (2009). Performance of savonius rotor as a water current turbine. *Journal of Ocean Technology*, 4(2), 71–83.
- Made, I., Mahardiananta, A., Hartati, R. S., Dharma, A., & Elektro, J. T. (2017). I Made Agus Mahardiananta, Rukmi Sari Hartati, Agus Dharma 15. In *E-Journal SPEKTRUM* (Vol. 4, Issue 1).
- Sarkar, J., & Bhattacharyya, S. (2012). Application of graphene and graphene-based materials in clean energy-related devices Minghui. *Archives of Thermodynamics*, 33(4), 23–40. <https://doi.org/10.1002/er>
- Setiyono, H., Atmodjo, W., Subardjo, P., & Ismanto, A. (2019). *Potensi Energi Arus Laut di Perairan Selat Sunda*. 01, 4–11.
- Suprayogi, D. T. (2010). *Savonius Rotor Vertical Axis Marine Current Turbine*

- For Renewable Energy Application* (p. 49). University Teknologi Malaysia.
- Surono, B., Mesin, J. T., Teknik, F., Tarakan, U. B., Amal, J., No, L., Utara, K., Studi, J., Mesin, T., Teknik, F., Metro, U. M., Ki, J., Dewantara, H., & Metro, A. K. (2023). *MENGGUNAKAN CFD dengan dua sudu . Peningkatan kinerja rotor turbin savonius telah diteliti dengan metode pada Gambar 1 . Kajian pustaka yang didapatkan rencana penelitian dengan untuk sudu digambar dengan menggunakan*. *12(02)*, 385–390.
- Tahir, Z., Jamil, M., Liaqat, S. A., Mubarak, L., Tahir, W., & Gilani, S. O. (2016). State Space System Modeling of a Quad Copter UAV. *Indian Journal of Science and Technology*, *9(27)*.
<https://doi.org/10.17485/ijst/2016/v9i27/96613>
- Wiranata, I. G. A., Boedoyo, M. S., & Kuntjoro, Y. D. (2018). Potensi Pemanfaatan Rumput Laut Sebagai Sumber Energi Baru Terbarukan Untuk Mendukung Ketahanan Energi Daerah (Studi Di Provinsi Bali). *Jurnal Ketahanan Energi*, *4(2)*, 21–45.
- Yaakob, O. Bin, Tawi, K. B., & Sunanto, D. T. S. (2010). Computer simulation studies on the effect overlap ratio for savonius type vertical axis marine current turbine. *International Journal of Engineering, Transactions A: Basics*, *23(1)*, 79–88.
- Yaakob, O. B., Suprayogi, D. T., Abdul Ghani, M. P., & Tawi, K. B. (2013). Experimental studies on savonius-type vertical axis turbine for low marine current velocity. *International Journal of Engineering, Transactions A: Basics*, *26(1)*, 91–98. <https://doi.org/10.5829/idosi.ije.2013.26.01a.12>
- Zemamou, M., Toumi, A., Mrigua, K., Lahlou, Y., & Aggour, M. (2020). A novel blade design for Savonius wind turbine based on polynomial bezier curves for aerodynamic performance enhancement. *International Journal of Green Energy*, *17(11)*, 652–665. <https://doi.org/10.1080/15435075.2020.1779077>
- Dewi, D. K. P. H. (2018). Rekayasa Balik Sudu Turbin dengan Perangkat Lunak Catia Menggunakan Kurva Bezier. *MIPI*, 1–8.
- Latif, M. (2013). Eisiensi Prototipe Turbin Savonius pada Kecepatan Angin Rendah. In *Jurnal Rekayasa ElektriKa* (Vol. 10, Issue 3).

- Menet, J. L. (2004). A double-step Savonius rotor for local production of electricity: A design study. *Renewable Energy*, 29(11), 1843–1862. <https://doi.org/10.1016/j.renene.2004.02.011>
- Menko Perekonomian. (2023, July 13). *Miliki Perhatian Serious pada Energi Baru Terbarukan, Pemerintah Berkomitmen Menjaga Ketersediaan Energi Nasional Berkelanjutan*. Kementerian Koordinator Bidang Perekonomian Republik Indonesia. <https://www.ekon.go.id/publikasi/detail/5250/miliki-perhatian-serius-pada-energi-baru-terbarukan-pemerintah-berkomitmen-menjaga-ketersediaan-energi-nasional-berkelanjutan>
- Orhan, K., Mayerle, R., & Mayer, B. (2019). About The Influence Of Density-Induced Flow On Tidal Stream Power Generation In The Sunda Strait, Indonesia. *Proceedings of the IAHR World Congress*, 5960–5969. <https://doi.org/10.3850/38WC092019-1725>
- Potensi, A., Pasang, E., Laut, S. A., Selat, D., Serangan, P., Made, I., Mahardiananta, A., Hartati, R. S., Dharma, A., & Elektro, J. T. (2017). I Made Agus Mahardiananta, Rukmi Sari Hartati, Agus Dharma 15. In *E-Journal SPEKTRUM* (Vol. 4, Issue 1).
- Pranatal, E., & Beu, M. M. Z. (2018). Analisa CFD Penggunaan Duct pada Turbin Kombinasi Darrieus-Savonius. *Jurnal IPTEK*, 22(1), 63. <https://doi.org/10.31284/j.iptek.2018.v22i1.239>
- Pranowo, W. S. (2022). *Karakteristik Arus Musiman Di Selat Sunda Characteristics Of Seasonal Currents In The Sunda Strait*. <https://doi.org/https://doi.org/10.37875/chartdatum.v8i2.146>
- Raditya Yudistira, Dwi Anung Nindito, & Raden Haryo Saputra. (2021). KINERJA TURBIN HIDROKINETIK TORNADO SAVONIUS. *Jurnal Teknika: Jurnal Teoritis Dan Terapan Bidang Keteknikan*, 4(2), 181–186. <https://doi.org/10.52868/jt.v4i2.2732>
- Riškus, A. (2006). Approximation of a cubic *Bezier Curve* by circular arcs and vice versa. In *Information Technology And Control* (Vol. 35, Issue 4). <https://www.researchgate.net/publication/265893293>
- Serodja, C. M., Ismanto, A., Hakim, A. R., & Ramdhani, D. A. (2022). Pengaruh Angin Monsoon Timur Terhadap Arus Permukaan Berdasarkan Data HF

Radar di Perairan Selat Sunda. In *Bandung Ocean Technology Research and Management (BOTRAM) Jl. Kelewih No* (Vol. 04, Issue 2).
<https://ejournal2.undip.ac.id/index.php/ijoce>

- Yaakob, O. B., Suprayogi, D. T., Abdul Ghani, M. P., & Tawi, K. B. (2013). Experimental studies on savonius-type vertical axis turbine for low marine current velocity. *International Journal of Engineering, Transactions A: Basics*, 26(1), 91–98. <https://doi.org/10.5829/idosi.ije.2013.26.01a.12>
- Zemamou, M., Toumi, A., Mrigua, K., Lahlou, Y., & Aggour, M. (2020). A novel blade design for Savonius wind turbine based on polynomial *Bezier Curves* for aerodynamic performance enhancement. *International Journal of Green Energy*, 17(11), 652–665. <https://doi.org/10.1080/15435075.2020.1779077>