

DAFTAR PUSTAKA

- [1] Mohd Zaini, Nur Ellysa Mu'izz, and Ahmad Fateh Mohamad Nor. 2024. "A Comprehensive Review of *Artificial Neural Network* Techniques for Predicting Photovoltaic Output." *International Journal of Computer Engineering in Research Trends* 11(1): 37–42.
- [2] Chuluunsaikhan, Tserenpurev et al. 2021. "Predicting the Power Output of Solar Panels Based on Weather and Air Pollution Features Using Machine Learning." *Journal of Korea Multimedia Society* 24(2):1–11. <https://doi.org/10.9717/kmms.2021.24.2.222>.
- [3] Prisilia, Aini, and Aulia Siti. 2013. "Perancangan Sistem Prediktor Daya Pada Panel Photovoltaic Di Buoy Weather Station." 2(2): 1–5.
- [4] Luki Mahendra, Maknunah, Jauharotul, Karimatun Herwono, Bagiyo Anggraini, Yussi Nisa. 2021. "Prediksi Daya Keluaran Pv Berbasis Jaringan Syaraf Tiruan Pada Pusat Perbelanjaan Tangerang." (Ciastech): 335–42.
- [5] Supratno, Yoga Heri et al. 2021. "PREDIKSI POWER SOLAR ENERGY MELALUI SOLAR FOTOVOLTIK MENGGUNAKAN ANN-RBF." *Journal of Physical Therapy Science* 9(1): 17–23.
- [6] Silalahi, Desri Kristina, Agnes Christy Margareth Rumaepa, Wahmisari Priharti, and Bandiyah Sri Aprillia. 2023. "Forecasting Photovoltaic Output Power Based on Environmental Parameters Using *Artificial Neural Network* Methods." *Journal RESTI* 7(6): 1276–84.
- [7] Astomo, Reynanda Bagus Widyo. 2021. "Analisis Perencanaan Pembangkit Listrik Tenaga Surya 400 WP Di Gedung Laboratorium Terpadu Universitas Muhammadiyah Surabaya." : 17–26.
- [8] Marion, W et al. 2014. "User ' s Manual for Data for Validating Models for PV Module Performance User's Manual for Data for Validating Models for PV Module Performance." (April).
- [9] Rochmawati, Dwi Robiul. 2024. "Prediksi Cuaca Dengan Jaringan Syaraf Tiruan Menggunakan Python." *Jurnal Teknologi Komputer dan Informatika* 2(2): 162–71.
- [10] Arifianto, Teguh et al. 2022. "Prediksi Daya Pada Panel Surya Menggunakan Metode Time Series Dan Analisis Regresi Prediction of Power in Solar Panels Using Time Series Methods and Regression Analysis." *Jurnal Ilmiah Intech : Information Technology Journal of UMUS* 4(01): 52–63.

- [11] Info, Site. 2025. "Surabaya - 07.259767°, 112.78966°." : 4–7
<https://globalsolaratlas.info/detail?c=-7.259882,112.789721,19&m=site&a=112.269287,-7.163575,112.269287,-6.825534,112.574158,-6.825534,112.574158,-7.163575,112.269287,-7.163575&s=-7.259882,112.789721&pv=medium.0,13,100>.
- [12] Bahri, Syamsul, Muhammad Rijal, and Nurul Fitriyani. 2022. "Dynamic Neural Network Model Design for Solar Radiation Forecast." 13(2): 96–104.
- [13] Benganem, M., A. Mellit dan S. N. Alamri, "ANN-based modelling and estimation of daily global solar radiation data: A case study.", *Energy conversion and management*, 50.7: 1644-1655, (2009).
- [14] Alsina, E. F., M. Bortolini, M. Gamberi, dan A. Regattieri, "Artificial neural network optimisation for monthly average daily global solar radiation prediction.", *Energy conversion and management*, 120: 320-329, (2016).
- [15] Mellit, A. dan A. M. Pavan, "A 24-h forecast of solar irradiance using artificial neural network: Application for performance prediction of a grid-connected PV plant at Trieste, Italy.", *Solar Energy*, 84.5: 807-821, (2010).
- [16] Bounoua, Z. dan A. Mechaqrane, "Prediction of daily global horizontal solar irradiation using artificial neural networks and commonly measured meteorological parameters.", *AIP Conference Proceedings*, 2056, 020024 (2018).
- [17] Boussaada, Z., O. Curea, A. Remaci, H. Camblong dan N. Mrabet Bellaaj, "A Nonlinear Autoregressive Exogenous (NARX) Neural Network Model for the Prediction of the Daily Direct Solar Radiation.", *Energies* 11.3: 620, (2018).
- [18] Gueymard, C. A., "A review of validation methodologies and statistical performance indicators for modeled solar radiation data: Towards a better bankability of solar projects.", *Renewable and Sustainable Energy Reviews*, 39: 1024-1034, (2014).
- [19] Li, M. F., X. P. Tang, W. Wu dan H. B. Liu, "General models for estimating daily global solar radiation for different solar radiation zones in mainland China.", *Energy conversion and management*, 70: 139-148, (2013).
- [20] Al-Dahidi, Sameer, Salah Al-Nazer, Osama Ayadi, Shuruq Shawish, and Nahed Omran. 2020. "Analysis of the Effects of Cell

- Temperature on the Predictability of the Solar Photovoltaic Power Production." *International Journal of Energy Economics and Policy* 10(5): 208–219. <https://doi.org/10.32479/ijeep.9533>.
- [21] Despotovic, M., V. Nedic, D. Despotovic, dan S. Cvetanovic, "Evaluation of empirical models for predicting monthly mean horizontal diffuse solar radiation.", *Renewable and Sustainable Energy Reviews*, 56: 246-260, (2016). .
- [22] Ntsangwane, L., B. Mabasa, V. Sivakumar, N. Zwane, K. Ncongwane, J. Botai, "Quality control of solar radiation data within the South African Weather Service solar radiometric network", *Journal of Energy in Southern Africa*, Volume 30 Number 4, November 2019.
- [23] Singh, Lakhan, Vrij Mohan Vidyarthi, and Monika Bijalwan. 2019. "Power Optimization from PV Panel on the Basis of Temperature and Irradiance Values." *International Journal of Engineering Research & Technology (IJERT)*, NCRIETS – 2019 Conference Proceedings, 7(12): 1–7.
- [24] Bounoua, Z., M. Marzouq dan A. Mechaqrane, "Assessment of a quality control procedure of hourly solar irradiancies at Fez city, Morocco.", *IOP Conference Series: Earth and Environmental Science*. Vol. 161. No. 1. IOP Publishing, (2018).