

## DAFTAR PUSTAKA

- [1] PT PLN (Persero), “Diresmikan Presiden Jokowi, ini profil PLTA Poso, pembangkit EBT terbesar di Indonesia Timur,” Siaran Pers, Feb. 25, 2022. [Online]. Available: <https://web.pln.co.id/cms/media/siaran-pers/2022/02/diresmikan-presiden-jokowi-ini-profil-plta-poso-pembangkit-ebt-terbesar-di-indonesia-timur/>
- [2] Y. Zhou, X. Liu, Y. Zhang, and J. Wang, “Hydropower flexibility and its role in reducing fossil fuel dependency,” *Energy Policy*, vol. 156, p. 112416, 2021, doi: 10.1016/j.enpol.2021.112416.
- [3] Z. Wang, C. Wang, L. Cheng, and G. Li, “An approach for day-ahead interval forecasting of photovoltaic power: A novel DCGAN and LSTM-based quantile regression modeling method,” *Energy Reports*, vol. 8, pp. 14020–14033, 2022, doi: 10.1016/j.egyr.2022.10.247.
- [4] D. Rani and M. Moreira, “Simulation–optimization modeling of reservoir systems,” *Water Resources Management*, vol. 34, pp. 1813–1836, 2020, doi: 10.1007/s11269-020-02520-7.
- [5] X. Li, Y. Zhang, J. Wang, and Y. Chen, “Multi-timescale reservoir inflow forecasting using LSTM networks,” *Journal of Hydrology*, vol. 610, p. 127857, 2022, doi: 10.1016/j.jhydrol.2022.127857.
- [6] F. Kratzert, D. Klotz, C. Brenner, K. Schulz, and M. Herrnegger, “Learning hydrological behaviors via machine learning,” *Hydrology and Earth System Sciences*, vol. 24, pp. 5089–5110, 2020, doi: 10.5194/hess-24-5089-2020.
- [7] J. Wang, Y. Li, X. Zhang, and Z. Zhou, “Deep learning-based inflow forecasting under climate variability,” *Renewable Energy*, vol. 206, pp. 1182–1195, 2023, doi: 10.1016/j.renene.2022.12.097.
- [8] B. Luo, S. Guo, L. Xiong, and H. Zhang, “Optimal hydropower reservoir operation using forecast inflows,” *Applied Energy*, vol. 285, p. 116414, 2021, doi: 10.1016/j.apenergy.2020.116414.
- [9] D. Feng, K. Fang, C. Shen, and C. R. Hain, “Long short-term memory networks for streamflow prediction,” *Journal of Hydrology*, vol. 586, p. 124920, 2020, doi: 10.1016/j.jhydrol.2020.124920.
- [10] A. Suwignyo, H. Suyono, E. A. Setiawan, and M. H. Purnomo, “Optimization of hydro-thermal coordination in Indonesian power systems,” *International Journal of Electrical Power & Energy Systems*, vol. 148, p. 108999, 2023, doi: 10.1016/j.ijepes.2023.108999.
- [11] Y. Qi, Z. Zhou, L. Yang, Y. Quan, and Q. Miao, “A decomposition-ensemble learning model based on LSTM neural network for daily reservoir inflow forecasting,” *Water Resources Management*, vol. 33, no. 12, pp. 4123–4139, 2019, doi: 10.1007/s11269-019-02346-8.
- [12] Y. Feng, G. Fu, Y. Jin, H. Zhang, and J. Wang, “Improving streamflow prediction in the WRF-Hydro model with LSTM-based post-processing,” *Journal of Hydrology*, vol. 603, p. 126962, 2021, doi: 10.1016/j.jhydrol.2021.126962.

- [13] F. Li, G. Ma, S. Chen, and W. Huang, “An ensemble modeling approach to forecast daily reservoir inflow using bidirectional long- and short-term memory (Bi-LSTM), variational mode decomposition (VMD), and energy entropy method,” *Water Resources Management*, vol. 35, no. 9, pp. 2941–2963, 2021, doi: 10.1007/s11269-021-02864-6.
- [14] S. Khorram and N. Jehbez, “A hybrid CNN-LSTM approach for monthly reservoir inflow forecasting,” *Water Resources Management*, vol. 37, pp. 4097–4121, 2023, doi: 10.1007/s11269-023-03532-4.
- [15] M. Skariah and C. D. Suriyakala, “Forecasting reservoir inflow combining exponential smoothing, ARIMA, and LSTM models,” *Arabian Journal of Geosciences*, vol. 15, p. 1292, 2022, doi: 10.1007/s12517-022-10462-9.
- [16] Abdelaziz, E. F. El-Saadany, and M. M. A. Salama, “Decision support systems for hydropower operation: A review,” *Renewable and Sustainable Energy Reviews*, vol. 120, p. 109663, 2020, doi: 10.1016/j.rser.2019.109663.
- [17] M. Rahman, M. M. Hasan, M. A. Hossain, and M. S. Alam, “Real-time dashboard for energy system operation using machine learning,” *Energy Reports*, vol. 10, pp. 4567–4579, 2024, doi: 10.1016/j.egy.2024.01.123.
- [18] F. Kratzert, D. Klotz, G. Shalev, G. Klambauer, S. Hochreiter, dan G. Nearing, “Towards learning universal, regional, and local hydrological behaviors via machine learning applied to large-sample datasets,” *Hydrol. Earth Syst. Sci.*, vol. 23, no. 12, pp. 5089–5110, 2019, doi: 10.5194/hess-23-5089-2019.
- [19] Y. Zhang, X. Liu, J. Wang, and Y. Chen, “Comparative study of LSTM and transformer models for hydrological inflow forecasting,” *Water*, vol. 16, no. 3, p. 421, 2024, doi: 10.3390/w16030421.
- [20] C. Zhang, Y. Liu, Q. Wang, and X. Li, “Integrated inflow forecasting and hydropower operation under climate extremes,” *Energy Conversion and Management*, vol. 276, p. 116537, 2023, doi: 10.1016/j.enconman.2022.116537.
- [21] S. D. Latif and A. N. Ahmed, “A review of deep learning and machine learning techniques for hydrological inflow forecasting,” *Environment, Development and Sustainability*, vol. 25, no. 11, pp. 12189–12216, 2023, doi: 10.1007/s10668-022-02587-9.
- [22] X. Zhang, Y. Li, and Z. Wang, “Time series prediction of sea surface temperature based on BiLSTM with attention mechanism,” *Ocean Engineering*, vol. 299, p. 114913, 2024, doi: 10.1016/j.oceaneng.2024.114913.
- [23] Q. Wang, X. Li, Y. Chen, and J. Zhao, “Impact of hydropower scheduling on power system fuel mix and operating cost,” *Electric Power Systems Research*, vol. 207, p. 107853, 2022, doi: 10.1016/j.epsr.2022.107853.