

Daftar Pustaka

- [1] S.A. Sannasiraj, Hong Zhang, Vladan Babovic, and Eng Soon Chan. "Enhancing Tidal Prediction Accuracy in a Deterministic Model Using Chaos Theory." *Advances in Water Resources*, vol. 27, no. 7, July 2004. [Online]. Available: <https://doi:10.1016/j.advwatres.2004.03.006>.
- [2] Xuan-Hien Le, Hung Viet Ho, Giha Lee, and Sungho Jung. "Application of Long Short-Term Memory (LSTM) Neural Network for Flood Forecasting." *Water*, vol. 7, no. 11, 5 July 2019. [Online]. Available: <https://doi.org/10.3390/w11071387>.
- [3] Egbert, Gary D., and Ray, Rivhard D. "Tidal Prediction." *Journal of Marine Research*, vol. 75, no. 3, May 2017. [Online]. Available: <https://doi.org/10.1357/002224017821836761>.
- [4] Amiri-Simkoeei, A.R., Zaminpardaz, S., Sharifi, M.A. "Extracting tidal frequencies using multivariate harmonic analysis of sea level height time series." *Journal of Geodesy*. vol. 10, no. 88, 29 June 2014. [Online]. Available: <https://doi.org/10.1007/s00190-014-0737-5>.
- [5] Li, S., Liu, L., Cai, S., Wang, G. "Tidal harmonic analysis and prediction with least-squares estimation and inaction method." *Estuarine, Coastal and Shelf Science*, vol. 220, 12 March 2019. [Online]. Available: <https://doi.org/10.1016/j.ecss.2019.02.047>.
- [6] Meena, B.L., and Agrawal, Dr.J.D. "Tidal Level Forecasting Using ANN." *Procedia Engineering*, vol.116, 2015. [Online]. Available: <https://doi:10.1016/j.proeng.2015.08.332>.
- [7] Lee, Tsong-Lin. "Back-propagation neural network for long-term tidal predictions." *Ocean Engineering*. vol. 2, no. 31, 2004. [Online]. Available: [https://doi.org/10.1016/s0029-8018\(03\)00115-x](https://doi.org/10.1016/s0029-8018(03)00115-x).
- [8] Rizkina, M. A., Adytia, D., and Subasita, N. "Nonlinear autoregressive neural network models for sea level prediction, study case: In Semarang, Indonesia." *2019 7th International Conference on Information and Communication Technology (ICoICT)*. Available: <https://doi.org/10.1109/ICoICT.2019.8835307>.
- [9] Hu, C., Wu, Q., Li, H., Jian, S., Li, N., and Lou, Z, "Deep Learning with a Long Short-Term Memory Networks Approach for Rainfall-Runoff Simulation." *Water*. vol.11, no. 10, 30 October 2018.[Online]. Available: <https://doi:10.3390/w10111543>.
- [10] Pawlowicz, R., Beardsley, B., Lentz, S. "Classical tidal harmonic analysis including error estimates in MATLAB using T_TIDE." *Computers Geosciences*. Vol. 8, no. 28, 2002. [Online]. Available: [https://doi.org/10.1016/S0098-3004\(02\)00013-4](https://doi.org/10.1016/S0098-3004(02)00013-4).
- [11] Lee, T. L., and Jeng, D. S. "Application of artificial neural networks in tide forecasting." *Ocean Engineering*, vol. 9, no. 29, August 2002. [Online]. Available: [https://doi.org/10.1016/S0029-8018\(01\)00068-3](https://doi.org/10.1016/S0029-8018(01)00068-3).
- [12] Bowes, B. D., Sadler, J. M., Morsy, M. M., Behl, M., Goodall, J. L. "Forecasting Groundwater Table in a Flood Prone Coastal City with Long Short-term Memory and Recurrent Neural Network." *Water*, vol.5, no.11, 2019. [Online]. Available: <https://doi:10.3390/w11051098>.
- [13] Li, Y., Cao, H. "Prediction for Tourism Flow based on LSTM Neural Network." *Procedia Computer Science*, 129, 2018. [Online]. Available: <https://doi:10.1016/j.procs.2018.03.076>.
- [14] Hochreiter, S., Schmidhuber, J. "Long Short-Term Memory. Neural Computation." *Neural Computation*, vol. 8, no. 9, 1997. Available: <https://doi.org/10.1162/neco.1997.9.8.1735>.
- [15] Hendri, Sari, R. N., Wibowo, A. "Timeseries Forecasting using Long Short-Term Memory Optimized by Multi Heuristics Algorithm." *International Journal of Recent Technology and Engineering (IJRTE)*, vol. 8, no. 4, November 2019. Available: <https://DOI:10.35940/ijrte.D4260.118419>.
- [16] Zhang, X.-S. "Feedback Neural Networks." *Optimization*, vol. 46, no. 7, 2002. [Online]. Available: https://doi.org/10.1007/978-1-4757-3167-5_7.
- [17] Lin, F., Zheng, W., Xianhou, J., and Jiang, Y. "Optimizing for Large Time Delay Systems by BP Neural Network and Evolutionary Algorithm Improving." *Journal of Software*, vol. 6, no. 10, October 2011. Available: <https://doi:10.4304/jsw.6.10.2050-2055>.
- [18] Mansawan, A. A., Lumban-Gaol, J., and Panjaitan, J. P. "Variation and Trend of Sea Level Derived from Altimetry Satelite and Tide Gauge in Cilacap and Benoa Coastal Areas." *Intertional Journal of Remote Sensing and Earth Sciences*, vol. 13, no.1, June 2016. Available: <http://dx.doi.org/10.30536/j.ijreses.2016.v13.a2703>.
- [19] Velo, R., López, P., and Maseda, F. "Wind speed estimation using multilayer perceptron." *Energy Conversion and Management*, vol. 81, 26 February 2004. [Online]. Available: <http://dx.doi.org/10.1016/j.enconman.2014.02.017>.

- [20] Lydia, M., Suresh Kumar, S., Immanuel Selvakumar, A., and Edwin Prem Kumar, G. "Wind resource estimation using wind speed and power curve models." *Renewable Energy*, vol. 83, 14 May 2015. [Online]. Available: <https://doi:10.1016/j.renene.2015.04.045>.