

## REFERENCES

- [1] T.-L. Lee, "Back-propagation neural network for long-term tidal predictions," *Ocean Engineering*, vol. 31, no. 2, pp. 225–238, 2004.
- [2] A.-L. Balogun and N. Adebisi, "Sea level prediction using arima, svr and lstm neural network: assessing the impact of ensemble oceanatmospheric processes on models' accuracy," *Geomatics, Natural Hazards and Risk*, vol. 12, no. 1, pp. 653–674, 2021.
- [3] A. W. Ramadhan, D. Adytia, D. Saepudin, S. Husrin, and A. Adiwijaya, "Forecasting of sea level time series using rnn and lstm case study in sunda strait," *Lontar Komputer: Jurnal Ilmiah Teknologi Informasi*, vol. 12, no. 3, pp. 130–140, 2021.
- [4] X.-H. Le, H. V. Ho, G. Lee, and S. Jung, "Application of long shortterm memory (lstm) neural network for flood forecasting," *Water*, vol. 11, no. 7, p. 1387, 2019.
- [5] G. Griggs, "Rising seas in california—an update on sea-level rise science," in *World Scientific Encyclopedia of Climate Change: Case Studies of Climate Risk, Action, and Opportunity Volume 3*. World Scientific, 2021, pp. 105–111.
- [6] G. D. Egbert and R. D. Ray, "Tidal prediction," *Journal of Marine Research*, vol. 75, no. 3, pp. 189–237, 2017.
- [7] C. Y. Zhang, "Non-tidal water level variability in lianyungang coastal area," in *Advanced Materials Research*, vol. 610. Trans Tech Publ, 2013, pp. 2705–2708.
- [8] . A. Rizkina, D. Adytia, and N. Subasita, "Nonlinear autoregressive neural network models for sea level prediction, study case: In semarang, indonesia," in *2019 7th International Conference on Information and Communication Technology (ICoICT)*. IEEE, 2019, pp. 1–5.
- [9] R. Tulus, D. Adytia, N. Subasita, and D. Tarwidi, "Sea level prediction by using seasonal autoregressive integrated moving average model, case study in semarang, indonesia," in *2020 8th International Conference on Information and Communication Technology (ICoICT)*. IEEE, 2020, pp. 1–5.
- [10] Y. K. Purba, D. Saepudin, and D. Adytia, "Prediction of sea level by using autoregressive integrated moving average (arima): Case study in tanjung intan harbour cilacap, indonesia," in *2020 8th International Conference on Information and Communication Technology (ICoICT)*. IEEE, 2020, pp. 1–5.
- [11] D. S. Wibowo, D. Adytia, and D. Saepudin, "Prediction of tide level by using holtz-winters exponential smoothing: Case study in cilacap bay," in *2020 International Conference on Data Science and Its Applications (ICoDSA)*. IEEE, 2020, pp. 1–5.
- [12] O. Makarynskyy, D. Makarynska, M. Kuhn, and W. Featherstone, "Predicting sea level variations with artificial neural networks at hillarys boat harbour, western australia," *Estuarine, Coastal and Shelf Science*, vol. 61, no. 2, pp. 351–360, 2004.
- [13] S. Karimi, O. Kisi, J. Shiri, and O. Makarynskyy, "Neuro-fuzzy and neural network techniques for forecasting sea level in darwin harbor, australia," *Computers & Geosciences*, vol. 52, pp. 50–59, 2013.

- [14] M. A. Ghorbani, R. Khatibi, A. Aytek, O. Makarynskyy, and J. Shiri, "Sea water level forecasting using genetic programming and comparing the performance with artificial neural networks," *Computers & geosciences*, vol. 36, no. 5, pp. 620–627, 2010.
- [15] M. Imani, H.-C. Kao, W.-H. Lan, and C.-Y. Kuo, "Daily sea level prediction at chiayi coast, taiwan using extreme learning machine and relevance vector machine," *Global and planetary change*, vol. 161, pp. 211–221, 2018.
- [16] N. Guillou and G. Chapalain, "Machine learning methods applied to sea level predictions in the upper part of a tidal estuary," *Oceanologia*, vol. 63, no. 4, pp. 531–544, 2021. [17] M. Hossin and S. M.N, "A review on evaluation metrics for data classification evaluations," *International Journal of Data Mining & Knowledge Management Process*, vol. 5, pp. 01–11, 03 2015.
- [17] A. Vaswani, N. Shazeer, N. Parmar, J. Uszkoreit, L. Jones, A. N. Gomez, Ł. Kaiser, and I. Polosukhin, "Attention is all you need," *Advances in neural information processing systems*, vol. 30, 2017.
- [18] N. Wu, B. Green, X. Ben, and S. O'Banion, "Deep transformer models for time series forecasting: The influenza prevalence case," *arXiv preprint arXiv:2001.08317*, 2020.
- [19] S. M. Lakew, M. Cettolo, and M. Federico, "A comparison of transformer and recurrent neural networks on multilingual neural machine translation," *arXiv preprint arXiv:1806.06957*, 2018.
- [20] A. Vaswani, N. Shazeer, N. Parmar, J. Uszkoreit, L. Jones, A. N. Gomez, Ł. Kaiser, and I. Polosukhin, "Attention is all you need," *Advances in neural information processing systems*, vol. 30, 2017.
- [21] B. Tang and D. S. Matteson, "Probabilistic transformer for time series analysis," *Advances in Neural Information Processing Systems*, vol. 34, pp. 23 592–23 608, 2021.
- [22] A. Annunziato, D. Galliano, and M. Bonaita, "Idsl sea level measurement devices," *JRC Technical Reports*, 2016.