REFERENCES

[1] T. L. Lee, "Back-propagation neural network for long-term tidal predictions," Ocean Eng., vol. 31, no. 2, pp. 225–238, 2004.

[2] Badan Pusat Statistik Kota Semarang, "Letak Geografis Kota Semarang," 2016. Accessed on: Mar. 18, 2019. [Online]. Available: https://semarangkota.bps.go.id/.

[3] Badan Pusat Statistik Kota Semarang, "Luas Wilayah Kota Semarang," 2016. Accessed on: Mar. 18, 2019. [Online]. Available: https://semarangkota.bps.go.id/.

[4] T.-L. Lee and D. S. Jeng, "Application os artificial neural networks in tide-forecasting," Ocean Eng., vol. 29, pp. 1003– 1022, 2002.

[5] P. G. Remya, R. Kumar, and S. Basu, "Forecasting tidal currents from tidal levels using genetic algorithm," Ocean Eng., vol. 40, pp. 62–68, 2012.

[6] B. L. Meena and J. D. Agrawal, "Tidal level forecasting using ANN," Procedia Eng., vol. 116, no. 1, pp. 607–614, 2015.

[7] M. A. Marfai, L. King, J. Sartohadi, S. Sudrajat, S. R. Budiani, and F. Yulianto, "The impact of tidal flooding on a coastal community in Semarang, Indonesia," Environmentalist, vol. 28, no. 3, pp. 237–248, 2008.

[8] M. Amir, S. I. Wahyudi, and G. D. Asfari, "Flood / Rob Handling Study with Polder System In Port of Tanjung Emas Area Semarang," no. C, pp. 498–504, 2017.

[9] Metro Semarang, "Setiap Tahun, Permukaan Tanah di Tanjung Emas Turun 15 Sentimeter," 2015. Accessed on: Mar. 23, 2019. [Online]. Available: https://metrosemarang.com/.

[10] MathWorks, "narnet." 2019. Accessed on: Mar. 23, 2019. [Online]. Available: https://se.mathworks.com/help/deeplearning/.

[11] J. M. Caswell, "A Nonlinear Autoregressive Approach to Statistical Prediction of Disturbance Storm Time Geomagnetic Fluctuations Using Solar Data," J. Signal Inf. Process., vol. 05, no. 02, pp. 42–53, 2014.

[12] F. H. Pereira et al., "Nonlinear autoregressive neural network models for prediction of transformer oil-dissolved gas concentrations," Energies, vol. 11, no. 7, 2018.

[13] M. Mohammadhassani, H. Nezamabadi-Pour, M. Z. Jumaat, M. Jameel, and A. M. S. Arumugam, "Application of artificial neural networks (ANNs) and linear regressions (LR) to predict the deflection of concrete deep beams," Comput. Concr., vol. 11, no. 3, pp. 237–252, 2013.

[14] M. P. Islam and T. Morimoto, "Non-linear autoregressive neural network approach for inside air temperature prediction of a pillar cooler," Int. J. Green Energy, vol. 14, no. 2, pp. 141–149, 2017.

[15] Z. Boussaada, O. Curea, A. Remaci, H. Camblong, and N. M. Bellaaj, "A nonlinear autoregressive exogenous (NARX) neural network model for the prediction of the daily direct solar radiation," Energies, vol. 11, no. 3, 2018.

[16] R. Pawlowicz, R. Pawlowicz, R. C. Beardsley, R. Beardsley, S. Lentz, and S. Lentz, "Classical tidal harmonic analysis including error estimates," MATLAB using T TIDE. Comput. Geosci., vol. 28, no. 8, pp. 929–937, 2002.