REFERENCES

[1] Electric Power Development Company, "Supplementary Report of Final Design Report of Upper Kotmale Hyusropower Project," JPower., Tokyo, Japan, Nov. 2004.

[2] Ceylon Electricity Board, "Layout Diagram of Telemetry and Warning System of Upper Kotmale Hydropower Station," Mitsubishi Corporation., Tokyo, Japan, E02-6255, Jan. 2015.

[3] R. A. Wurbs, "Reservoir System Simulation and Optimization Models," *J. Water Resources Planning and Management.,* vol. 119, no. 4, pp. 455-472, Jul. 1993.

[4] A. F. Hamlet *et al*., "Economic Value of Long-Lead Streamflow Forecasts for Columbia River Hydropower," *J. Water Resources Planning and Management.,* vol. 128, no. 2, pp. 91-101, Mar. 2002.

[5] L. W. Mays and Y. K. Tung, *Hydrosystems Engineering and Management*, 2nd ed., Colorado: Water Resources Publications, 2002.

[6] X. Dong *et al*., "Effect of flow forecasting quality on benefits of reservoir operation - a case study for the Geheyan reservoir (China)," *J. Hydrology and earth system sciences discussions.,* vol. 3, pp. 3771-3814, 2006.

[7] J. W. Labadie, "Optimal Operation of Multireservoir Systems: State-of-the-Art Review," *J. Water resources planning and Management.,* vol. 130, no. 2, pp. 93-111, Mar. 2004.

[8] M. R. Mustafa *et al*., "Artificial Neural Networks Modelling in Water Resources Engineering: Infastructure and Applications," *J. Civil and Environmental Engineering.,* vol. 6, no. 2, pp. 128-134, Jan. 2012.

[9] C. W. Dawson *et al*., "A comparative study of artificial neural network techniques for river stage forecasting," *Proceedings. 2005 IEEE International Joint Conference on Neural Networks, 2005.*, Montreal, Que., 2005, pp. 2666-2670 vol. 4.

[10] N. Sajikumar and B. Thandaveswara, "A non-linear rainfall-runoff model using an artificial neural network," *J. Hydrology,* vol. 21, no. 6, pp. 32-35, Mar. 1999.

[11] *Improve Shallow Neural Network Generalization and Avoid Overfitting*, [online] Available:https://in.mathworks.com/help/deeplearning/ug/improve-neural-network-generalization-and-avoid-overfitting.html.

[12] M. Campolo *et al*., "Artificial neural network approach to flood forecasting in the River Arno," *J. Hydrological Sciences,* vol. 48, no. 3, Jun. 2003.

[13] A.W. Minns and M.J. Hall, "Artificial neural networks as rainfall-runoff models," *J. Hydrology,* vol. 41, no. 3, pp. 399-417, Jun. 1996.

[14] L. L. Rogers and F. U. Dowla, "Optimization of groundwater remediation using artificial neural networks with parallel solute transport modelling," *J. Water Resources Resarch,* vol. 30, pp. 457-481, 1994.

[15] N. Karunanithi *et al*., "Neural Networks for River Flow Prediction," *J. Computer Science,* vol. 8, no. 2, pp. 201-220, Apr. 1994.

[16] D. E. Rumelhart *et al*., "Learning representations by back-propagating errors," *J. Nature,* pp. 323, 533-536, Oct. 1986.

[17] P. H. Talaee, "Multilayer perceptron with different training algorithms for streamflow forecasting," *J. Neural Comput & Applic.,* vol. 5, Mar. 2014.

[18] S. Mohanty *et al*., "Prediction of global solar radiation using nonlinear auto regressive network with exogenous inputs (narx)," *2015 39th Nat. Systems Conf. (NSC)*, Noida, 2015, pp. 1-6.

[19] E. Cadenas *et al*., "Wind Speed Prediction Using a Univariate ARIMA Model and a Multivariate NARX Model," *J. Energies ,* vol. 09, no. 109, Feb. 2016.

[20] B. Jason, *Deep Learning for Time Series Forecasting*, 1st ed. 2018.

[21] A. Messac, *Optimization in Practice with MATLAB*, USA: Cambridge University Press, 2015.

[22] S. Khu and H. Madsen, "Multiobjective calibration with Pareto preference ordering: an application to rainfall–runoff model calibration," *J.Water Resources,* vol. 41, Mar. 2005.