











- [9] Cortes C., Vapnik V. (1995). Support-vector networks, *Machine Learning*, Vol. 20, No. 3, pp. 273–297. DOI: [10.1023/A:1022627411411](https://doi.org/10.1023/A:1022627411411)
- [10] Khan M.S., Coulibaly P. (2006). Application of support vector machine in lake water level prediction, *Journal of Hydrologic Engineering*, Vol. 20, No. 11, pp. 199–205. DOI: [10.1061/\(ASCE\)1084-0699\(2006\)11:3\(199\)](https://doi.org/10.1061/(ASCE)1084-0699(2006)11:3(199))
- [11] Zhu C.H., Hu G.D. (2012). Time series prediction of landslide displacement using SVM model: application to Baishuihe landslide in Three Gorges reservoir area, China, *Applied Mechanics & Materials* Vol. 239, pp. 1413–1420. DOI: [10.4028/www.scientific.net/AMM.239-240.1413](https://doi.org/10.4028/www.scientific.net/AMM.239-240.1413)
- [12] Wu C.H., Tzeng G.H., Goo Y.J., Fand W.C. (2007). A real-valued genetic algorithm to optimize the parameters of support vector machine for predicting bankruptcy, *Expert Systems with Applications*, Vol. 32, No. 2, pp. 397–408. DOI: [10.1016/j.eswa.2005.12.008](https://doi.org/10.1016/j.eswa.2005.12.008)
- [13] Shabri A., Suhartono (2012). Streamflow forecasting using leastsquares support vector machines, *Hydrological Sciences Journal*, Vol. 57, No. 7, pp. 1275–1293. DOI: [10.1080/02626667.2012.714468](https://doi.org/10.1080/02626667.2012.714468)
- [14] Jin C., Jin S., Qin L. (2012). Attribute selection method based on a hybrid BPNN and PSO algorithms, *Applied Soft Computing*, Vol. 12, No. 8, pp. 2147–2155. DOI: [10.1016/j.asoc.2012.03.015](https://doi.org/10.1016/j.asoc.2012.03.015)
- [15] Lo D.O.K. (2000). Review of natural terrain landslide debris-resisting barrier design. Geotechnical Engineering Office, Civil Engineering Department, The Government of Hong Kong Special Administrative Region, Hong Kong, China, GEO Report No. 104.
- [16] Shi M.Y., Chen J.P., Sun D.Y., Cao C. (2015). Hazard assessment of debris flows based on the catastrophe progression method: a case study from the Wudongde Dam site, *International Journal of Heat and Technology*, Vol. 33, No. 4, pp. 217–220. DOI: [10.18280/ijht.330429](https://doi.org/10.18280/ijht.330429)
- [17] Zhang S.X., Zhang L.T., Qi Q., Li Q., Shi P. (2015). Numerical simulation of the characteristics of debris flow from a tailing pond dam break, *International Journal of Heat and Technology*, Vol. 33, No. 3, pp. 127–132. DOI: [10.18280/ijht.330319](https://doi.org/10.18280/ijht.330319)
- [18] Xu L., Wang Q., Chen J., et al. (2013). Forecast for average velocity of debris flow based on BP neural network, *Journal of Jilin University (Earth Science Edition)*, Vol. 43, No. 1, pp. 186–191.