## REFERENCE

- [1] Feasibility study report of Namkhan 2 hydropower project, July 2009 and Feasibility study report of Namkhan 3 hydropower project, December 2011.
- [2] Basic design report of Namkhan 2 hydropower project February 2012 and basic design report of Namkhan 3 hydropower project.
- [3] Revised for submission of the Namkhan 2 hydropower project, November 2010 and Namkhan 3 hydropower project, March 2012.
- [4] Jun Zhang, Zhen Wu, Chun-tian Cheng and Shi qin Zhang. "Improved particle swarm optimization algorithm for multi-reservoir operation", Water Science and Engineering, Volume 4, Issue 1, pp 61-73, March 2011.
- [5] R.U. Kamodkar, D.G. Regulwar. "Optimal multi objective reservoir operation with fuzzy decision variables and resources: A compromise approach", Journal of Hydro-environment Research, Volume 8, pp 428-440, September 2014.
- [6] Baohong Lu, Kunpeng Li, Hanwen Zhang, Wei Wang, Huanghe Gu. "Study on the optimal hydropower generation of Zhelin reservoir", Journal of Hydroenvironment Research, Volume 7, pp 270-278, January 2013.
- [7] Qiuwen Chen, Duan Chen, Ruiguang Han, Ruonan Li, Jinfeng Ma. "Optimizing the operation of the Qingshitan Reservoir in the Lijiang River for multiple human interests and quasi-natural flow maintenance", Journal of Environmental Sciences, Volume 24, pp 1923-1928, July 2012.
- [8] Quan Cui, Xuan Wang, Chunhui Li, Yanpeng Cai, Peiyu Liang. "Improved Thomas-Fiering and wavelet neural network models for cumulative errors reduction in reservoir inflow forecast", Journal of Hydro-environment Research, pp 1-10, May 2015.

- [9] Hong-bin Fang, Tie-song Hu, Xiang Zeng, Feng-yan Wu. "Simulationoptimization model of reservoir operation based on target storage curves", Water Sciences and Engineering, Volume 7, pp 433-445, August 2014.
- [10] M.H Afshar. "Extension of constrained particle swarm optimization algorithm to optimal operation of reservoir system", International Journal of Electrical Power and Energy systems, Volume 51, pp 71-81, October 2013.
- [11] Bahram Malekmohammadi. "Ranking solutions of multi-objective reservoir operation optimization models using multi-criteria decision analysis", Expert Systems with Applications, Volume 38, pp 7851-7863, June 2011.
- [12] Daovieng Sounanthalath. "Reservoir management of Nam Ngum-1 hydro power plant for optimum electricity production", Department of Mechanical Engineering, Faculty of Engineering, Chiang Mai university.
- [13] Fi-John Chang "Watershed rainfall forecasting using neuro-fuzzy networks with the assimilation of multi-sensor information", Journal of Hydrology, pp 374-384, November 2013.
- [14] Larry W.Mays, Yeou-Kong Tung "*Hydrosystems Engineering and Management*", Wyoming water research center, University of Wyoming.
- [15] David M. Rokwood. "Application of streamflow synthesis and reservoir regulation (SSARR) program to the lower Mekong River". Hydrology and Hydraulics Section, North Pacific Division U.S. Corps of Engineers.
- [16] Jakkarit Threenat and Thaveesak Vangpaisal. "Forecasting of water level at M.7 gauge station using artificial neural network model", the 2<sup>nd</sup> STOU graduate research conference.
- [17] User's manual version 2.0 July 2009, US Army Corps of Engineers. "HEC-DSSVue data storage system visual utility engine".
- [18] User's manual version 3.1 May 2013, US Army Corps of Engineers. "HEC-ResSim reservoir system simulation".
- [19] Electricité Du Laos (EDL). "Annual energy generation reports", Namkhan 2 and Namkhan 3 hydropower plants, Laungphabang province, Laos P.D.R.

## LIST OF PUBLICATIONS

N. Bangsulin, A. Promwungkwa and K. Ngamsanroaj "Multi-Reservoir Operational Management for Optimal Electricity Production of Namkhan 2 and 3 Hydropower Plants" The International Conference on Electrical, Electronic, Computer, Civil and Mechanical Engineering (ICEECCME), on 3<sup>rd</sup> December 2016 at Bhubaneswar India.

N. Bangsulin, A. Promwungkwa and K. Ngamsanroaj "Forecast Rainfall for Power Production Management of Namkhan 2 and 3 Hydropower Plants" in the Kuala Lumpur, Malaysia 25th International Conference on Engineering & Technology, Computer, Basic & Applied Sciences (ECBA-2017), 17-18 January 2017 at Kuala Lumpur Malaysia.



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