

References

- ADB. (2004). Water Utilities Data Book: Asian and Pacific Region. Manila: Asian Development Bank. ISBN 978-9-715-611-251.
- Alliance to save Energy. (2005). Energy Audit Guidebook for Water Utilities in the Philippines. Manila: Alliance to save Energy.
- Anusart, K. (2012). Water - energy nexus: an application to the Bangkok water supply system, Thailand. (Masters Thesis No. WM. 12-16, Asian Institute of Technology 2012). Bangkok: Asian Institute of Technology.
- Arpke, A., & Hutzler, N. (2006). Domestic water use in United States. Industrial Ecology, 10, 169-184.
- AWWA. (1998). Report of AWWA Leak Detection and Accountability Committee. Journal of American Water Works Association, 108-111.
- Babel, M. S., Aldrin A. R., Seetharam K. (2010). Municipal Water Supply Management in Bangkok: Achievements and Lessons, International Journal of Water Resources Development, Vol. 26 (2), pages 193-217.
- Betancourt, W. Q., & Rose, J. B. (2004). Drinking water treatment processes for removal of Cryptosporidium and Giardia. Veterinary Parasitology, 126, 219 -234.
- Binnie, C., Kimber, M., & Smethurst, G. (2002). Basic Water Treatment (3rd ed.). London: Thomas Telford. ISBN 0-8540-4989-4
- Bogan, C. E., & Michael, J. (1994). Benchmarking for Best Practices: Winning through Innovative Adaptation. New York: McGraw-Hill. ISBN 0-0700-6375-3.
- BOI. (2013). Retrieved March 31, 2013, from Board of Investments Sri Lanka Website: http://www.investsrilanka.com/pdf/environmental_norms.pdf.
- Bunn, S. M., & Reynolds, L. (2009). The energy efficiency benefits of pump scheduling optimisation for potable water supplies. IBM Journal of Research and Development, 53 (3), 1-5.
- Cammerman, N. (2010). Urban Water Security Research Alliance Technical Report No. 39. Queensland: The University of Queensland.
- Camp, R. C. (2006). Benchmarking: The Search for Industry Best Practices that Lead to Superior Performance. Milwaukee: ASQC Quality Press. ISBN 1-5632-7532-7.
- CEB. (2013). Demand Side Management. Retrieved April 7, 2013, from Ceylon Electricity Board Website: <http://www.ceb.lk/sub/knowledge/demandside.html>.

CEB. (2013). Home page. Retrieved April 7, 2013, from Ceylon Electricity Board Website: <http://www.ceb.lk>.

Chang, C. L. (2002). Study of the interralationship between water use and energy conservation for a building. Energy and buildings, 34, 261-266.

Cohen, R., Nelson, B., & Woff, G. (2004). Energy down the drain:The hidden costs of California's water supply. Oakland: Natural Resources Defence Council.

Cornwell, D. A., Macaphee, M. J., & Brown, R. A. (2003). Demonstrating Cryptosporidium removal using spore monitoring at lime-softning plants. J. AWWA, 95, 125-133.

Edzwald, J. K., & Kelley, M. B. (1998). Control of Cryptosporidium: from reservoirs to clarifiers to filters. Water Science and Technology, 37, 1-8.

EGAT. (2013). Economic and Electricity Overview. Retrieved April 7, 2013, from Electricity Generating Authority of Thailand Website: http://www.egat.co.th/images/stories/annual/reports/2554/annual2011_eng_p18.pdf.

Elliott, T., Zeier, B., Xagoraraki, I., & Harrington, G. W. (2003). Energy Use of Wisconsin's Drinking Water Facilities. Madison: Energy Center of Wisconsin. Report 222-1.

EPRI. (1994). Energy Audit Manual for Water/Waste Water Facilities. Washington: Electrical Power Research Institute. Report CR-104300.

Fox, K. R. (2006). Water quality in source water,treatment, and distribution systems. In Mannual of water supply and Practices: AWWA M 48 Water Borne Pathogens (2nd ed.). Denver: American Water Works Association. ISBN 1-5832-1403-8.

Frauendorfer, R., and Liemberger, R. (2010). The issues and challenges of reducing non-revenue water. Manila: Asian Development Bank. ISBN 978-92-9092-398-5.

Gao, B. Y., Hahn, H. H., & Hoffman, E. (2002). Evaluation of Aluminium Silicate polimer composite as a coaggulant for water treatment. Water Research, 36, 3573 - 3581.

Geldreich, E. E. (1996). Microbial Quality of Water Supply in Distribution Systems. Boca Raton: CRC Press. ISBN 1-5667-0194-5.

IWA. (2000). IWA Blue Pages. Retrieved December 24, 2012, from International Water Association Website: http://www.iwahq.org/content/suite/upload/iwa/Document/Losses_from_Water_Supply_Systems_2000.pdf.

James, K., Campbell, S. L., & Godlove, C. E. (2002). Watergy: Taking Advantages of Untrapped Energy and Water Efficiency Opportunities in Municiple Water Systems. Washington: Allaiance to Save Energy.

Jantzen, J. (2009). National dialogue on financing strategy for urban and rural water supply and sanitation in Georgia. Georgia: Organisation of Economic Corporation and Development.

Jeppsson, U., Rosen, C., Alex, J., Copp, J., Gernaey, K. V., Pons, M. N., et al. (2006). Towards a benchmark simulation model for plant-wide control strategy performance evaluation of WWTPs. Water Sience and Technology, 35, 287-295.

Kalaimathie, S. N. (2012). Investigation on ceramic membrane based filter backwash water recycling and energy conservation potential for water treatment plants . (Masters Thesis No. EV-12-18, Asian Institute of Technology, 2012). Bangkok: Asian Institute of technology.

Karlof, B., & Ostblom, S. (1993). Benchmarking: A Signpost to Excellence in Quality and Productivity. New York: Wiley. ISBN 978- 0-471-941-804.

Kenway, S. J., Priestley, S., Cook, S., Seo, S., Inman, M., Gregory, and Hall, M., (2008). Energy use inthe provision and consumption of urban water in Australia and New Zealand. Sydney: CSIRO. ISBN 978-0-643-096-165.

McNair, J., & Leibfried, K. J. (1995). Benchmarking: A Tool for Continuous Improvement. New York: Harper Business Press. ISBN 978-0-471-132-066.

Mo, W., Zhang, Q., Mihelsic, J. R., & Hokanson, D. R. (2011). Embodied energy comparison of surface water ground water supply options. Water Research, 45(17), 5577-5586.

Monthakanthi, N. (2012). Influence of dissolved organic matter in ceramic membrane filtration performance in drinking water treatment. (Masters Thesis No EV-11-08, Asian Institute of Technology, 2012). Bangkok: Asian Institute of Technology.

Munoz, I., Mila, I. C., & Fernandoz-Alba, A. R. (2010). Life cycle assessment of water supply plants in mediterranean Spain. Journel of Industrial Ecology, 14, 902-918.

National Water Supply & Drainage Board. (2012). History of National Water Supply and Drainage Board. Retrieved 08 18, 2012, from National Water Supply & Daringe Board Website: www.waterboard.lk.

NWSDB. (2013). History of National Water Supply and Drainage Board. Retrieved 03 20, 2013, from National Water Supply & Daringe Board Website: www.waterboard.lk.

NWSDB. (2013). Specifications for water pumping sets and accesaries. Retrieved April 16, 2013, from Natinal Water supply and Drainage Board Website: http://www.waterboard.lk/scripts/ASP/Documentation_Section.asp.

Olson, B. E., Olson, M. E., & Wallis, P. M. (2002). Giardia: the cosmopolitan parasite. Wellingford: CABI Publishing. ISBN 0-8519-9612-4

Parena, R., & Smeets, E. (2001). Benchmarking initiatives in the water industry. Water Science and Technology, 44, 103-110.

Pearson, D., & Trow, S. W. (2005). Calculating the Economic Levels of Leakage. In Leakage 2005 Conference Proceedings.

Peeters, J. E., Masschelein, W. J., & Maturana, I. V. (1989). Effect of disinfection of drinking water with ozone or chlorine dioxide on survival of Cryptosporidium Pavrum oocysts. J Applied Environmental Microbiology, 55, 1519-1522.

Plappaly, A. K., & Lienhard, V. J. (2012). Energy requirements for water production,treatment,end use,reclamation and disposal. Journal of Renewable and Sustainable Energy Reviews, 16, 4818 - 4868.

Racoviceanu, A. I., Karney, B. W., Kennedy, C. A., & Colombo, A. F. (2007). Life cycle energy use and greenhouse gas emmisions inventory for water treatment systems. Journal of Infrastructure Systems, 13, 261-270.

Rothausen, S. G., & Conway, D. (2011). Greenhouse Gas Emmisions from Energy Use in Water Sector. Nature Climet Change, 1, 210-219.

Stapenhurst, T. (2009). The Benchmarking Book: A How to Guide to Best Practices for Managers and Practitioners. London: Taylor and Francis. ISBN 978-0-750-689-052

Stokes, J., & Horvarth, A. (2009). Energy and air emmision effects in water supply. Environmental Technology and Science, 43 (8), 2680-2687.

Stowa. (2013). Microfiltration. Retrieved April 30, 2013, from Dutch Foundation for Water Research Web Site: <http://www.stowa-selectedtechnologies.nl/Sheets/Sheets/Microfiltration.html>.

Troyan, J. J., & Hansen, S. P. (1989). Treatment of Microbial Contaminants in Potable Water Supplies: Technologies and Costs. New Jersy: Noyes Data Corporation. ISBN 0-8155-1214-7

Venetucci, R. (1992). Benchmarking: a reality check for strategy and performance objectives. Production and Inventory Management, 33, 32-36.

Venkatesh, G., & Brattebo, H. (2011). Energy consumption, costs and environmental impacts for urban water cycle services: Case study of Oslo(Norway). Energy, 36, 792-800.

Water Environment Foundation. (2009). Energy Conservationin of Water and Wastewater Facilities. New York: McGraw Hill. ISBN 978-0-071-667-944.

WEPA. (2013). Retrieved March 31, 2013, from Water Environment Partnership of Asia: http://www.wepa-db.net/policies/law/thailand/std_drinking.htm.

WHO. (2011). Guidlines for Drinking Water Quality (3rd ed.). Geneva: World Health Organisation.

Willemse, R. J. N., & Brekvoort, Y. (1999). Full-scale recycling of backwash water from sand filters using dead-end membrane filtration. Water Research,33 (15), 3379-3385.