References

- Areerachakul, N., Kitiphatmontree, M., Kandasamy, J., Kus, B., Duangduen, C., Pivsa-Art, S., and Vigneswaran, S. (2009). *Submerged Membrane System with Biofilter as a Treatment to Rainwater*. Water Air Soil Pollution: Focus; 9, 431-438.
- Ariyabandu, R.D.S. (2001). *Rainwater Jar Programme North East Thailand*. RWH Research Note 3. Lanka Rain Water Harvesting Forum, June 2001.
- Asian Development Bank (ADB), United Nations Development Programme (UNDP), United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP), and World Health Organization (WHO). (2005). *Asia Water Watch 2015: Are Countries in Asia on Track to Meet Target 10 of the Millenium Development Goals*. Available at http://www.adb.org/Documents/Books/Asia-Water-Watch/asia-water-watch.pdf.
- Australian Government. (2004). *Rainwater Purification: Australian Drinking Water Guidelines*. National Health and Medical Research Council, Australian Water Resources Council; p. 615. Available at (http://www.rwh.in/rainwatr/rain414.gif).
- Conway C, Nicholson C, Bammer G, Wade A and Henderson G (1999), Rainfall Harvesting foe indigenous health in Australia, Ninth International Rainwater Catchment Systems Conference Proceedings.
- Daniel, A., Okun, R.E., and Walter, R.E. (1987). *Community Piped Water Supply Systems in Developing Countries: A Planning Manual*. Worldbank Technical Paper No.60. Washinton, D.C. U.S.A.
- Department of Water Resources. (2003). *Standard Types of Village Tap Water Systems*:

 Medium Sized Groundwater. The Bureau of Water Management, Department of Water Resources, Ministry of Natural Resources and Environment.
- Deutsches Institut for Normung E.V (DIN). (2002). Rainwater Harvesting Facilities Part 1: Design, Construction, Operation, and Maintenance. DIN. 1989-1, Beuth Verlag GmbH, Berlin (in German).
- Development Technology Unit (DTU). (1997). *Guttering Design for Rainwater Harvesting with Special Reference to Conditions in Uganda*, Department of Technology Unit, School of Engineering, University of Warwick. Available at http://www2.warwick.ac.uk/fac/sci/eng/research/dtu/pubs/wp/wp50b/wp50.pdf. (accessed 14.07.09)

- Enedir, G., Diego, L.B., and Mauricio, M. (2007). Rainwater Tank Capacity and Potential for Potable Water Saving by Using Rainwater in the Residential Sector of Southeastern Brasil, Building and Environment; 42, 1654 1666.
- Gould, J., and Nissen-Petersen, E. (2003). *Rainwater Catchment Systems for Domestic Supply: Design, Construction and Implementation*. ITDG Publishing, London.
- Han, M.Y., and Mun, J.S. (2007). *Particle Behaviour Consideration to Maximize the Settling Capacity of Rainwater Storage Tanks*. Water Science & Technology, **56** (11): 73-79.
- Handia, L., Tembo, J.M., and Mwindwa, C. (2002). *Potential of Rainwater Harvesting in Urban Zambia*. Proceedings of 3rd WaterNet/Warfsa Symposium, Dar Es-Salaam.
- Han, M.Y., Park, S., and Kim, S. (2006). Analysis of Rainwater Quality in Rainwater Harvesting Systems at Dormitories in Seoul National University, Seoul, Korea. IWA World Water Congress 2006.
- Heather, K.L. (2007). Design for Water, Gabriola Island Canada. New Society Publisher.
- Hermann, T, and Schmida, U. (1999). Rainwater Utilisation in Germany: Efficiency, Dimensioning, Hydraulic and Environmental Aspects. Urban Water; 4: 335-343.
- Inima, A.K. (undated). *Rainwater Harvesting Systems Design Considerations*. Available at http://www.flickr.com/photos/25153780@N07/3748324205/.
- International Water and Sanitation Centre (IRC). (1991). *Partners for Progress: an Approach to Sustainable Pipied Water Supplies*. Technical Paper Series No. 28, The Hague, The Netherlands, p. 6-12.
- Magyar, M.I., Mitchell, V.G., Ladson, A.R., and Diaper, C. (2007). *An Investigation of Rainwater Tanks Quality and Sediment Dynamics*. Water Science & Technology; 56 (9), 21-28.
- Magyar, M.I., Mitchell, V.G., Ladson, A.R., and Diaper, C. (2008). *Lead and Other Heavy Metals Common Contaminants of Rainwater Tanks in Melbourne*, Water Down Under Volume; 409 417.
- Martin, T.J. (1980). *Supply Aspects of Domestic Rainwater Tank*, South Australian Department for the Environment, Adelaid.
- Nitivattananon, V. (2005). *Thailand Water Management Issues and Challenges*. In World Citizens Assembly on Water, Kuala Lumpur, Malaysia. 27-30 October 2005. Available at http://74.125.155.132/scholar?q=cache:sgcsNmaTc48J:scholar.google.com/&hl=th&as_s dt=2000.
- Office of National Economic and Social Development Board (NESDB) and Office of the UN Resident Coordinator. (2004). *Thailand Millenium Development Goals Report* 2004,

- Available at http://planipolis.iiep.unesco.org/upload/Thailand/Thailand%20MDG.pdf.
- Payomjamsiri, A. (2008). Weekly Rainfall Probability for Thailand. Technical Document No. 551.577. 3-02-2551, Meteorological Development Bureau. (in Thai). Available at http://www.arcims.tmd.go.th/Research_files/WEEKLY%20RAINFALL%20PROBABILI TY%20FOR%20THAILAND.pdf.
- Prempridi, T., and Chatuthasry, C. (1982). *Past and Present Use of Ponds as Rainwater Storage In Thailand*. Proc. of 2nd International Conference on Rainwater Cistern Systems, St. Thomas, United States Virgin Islands, C2, p1-21.
- Sanitation Division. (1981). *Provisions of Water of Safe Quality and Improvement of Basic Saniation*. Community Development; 5, 60-62. Sanitation Division, Health Department, Sanitary Wtare Filters, SiamRath, May 4, p 4 (in Thai).
- Schippers, J.C., Hanemaayer, J. H., Soulders, C. A., and Kostense, A. (1981). *Predicting Flux Decline of Reverse Osmosis Membranes*, Desalination; 38, 339-348.
- Schippers, J.C., and Verdow, J. (1980). *The Modified Fouling Index: A method of Determining the Fouling Characteristics of Water*. Desalination; 32, 137-148.
- Sinivas, S. (undated). *An Introduction to Rainwater Harvesting*, Available at http://www.gdrc.org/uem/water/rainwater/introduction.html.
- Thurman R (1995), Evaluation of Rainwater stored in collection tanks, Australian Microbiologist, March, pp 20 22.
- United Nations Environment Programme (UNEP). (undated). Sourcebook of Alternative Technologies for Freshwater Augumentation in Some Countries in Asia. Newsletter and Technical Publications. Available at http://www.unep.or.jp/ietc/Publications/techpublications/TechPub-8e/rainwater2.asp.
- United Nations-Water; (2006). Case Study: Thailand, National Water Development Report,
- WWAP.
- Victorian Department of Natural Resources and Environment (1997), *Investigation of microbiological and chemical quality in rainwater tanks in Victoria*, Unpublished draft report.
- Visvanathan, C., Kandasamy, J., and Vigneswaran, S. (2006). *Rainwater Collection and Storage in Thailand: Design, Practices and Operational Issues*. In Rainwater Harvesting and Management, 2nd International Workshop, IWA 5th World Water Congress, Beijing, China. 11 September 2006. Available at http://www.faculty.ait.ac.th/visu/index.php/research/publications/124World Health

- Organisation (WHO). (2006). Guidelines for Drinking-water Quality, p. 595.
- Wirojanagud, W., and Horvichitr, V. (1989). *Evaluation of Rainwater Quality: HEavy Metals and Pathogenics*. IDRC, Ottawa.
- World Health Organisation (WHO). (2006). Guidelines for Drinking-water Quality. p. 595.
- WHO/UNICEF. (2004). *Improved Drinking Water, Thailand, Coverage Estimate*. Joint Monitoring Program for Water Supply and Sanitation. WHO/UNICEF.
- Yoo, K.S., Kim, C.R., and Dockko, S. (2006). *Rainwater Reuse System Using Membrane Process in Urban Parking Area*, In Rainwater Harvesting and Management Workshop,

 IWA 5th World Water Congress, Beijing, China 11 September 2006; p. 237- 242.