

REFERENCES

- ABB Review. (2011). Aqua Master 3TM, Remote water metering with internet delivery of water-leakage management, 23-27.
- Abidin, N.Z. (2009). Sustainable construction in Malaysia-Developers' Awareness, World academy of Science, *Engineering and Technology*, 53, 807-814
- Agazzy, W. (1998). From techniques to technology: the role o modern science, *Phil & Tech* ,4:2 Winter, University of Fribourg (Switzerland)
- Ajzen, I. (1991). The theory of planned behaviour, *Organizational behaviour and human decision processes*, 50 (2), 179-211.
- Ali, H.H. and Nsairat, S.F.A. (2009). Developing a green building assessment tool for developing countries – case of Jordan. *Building and environment*, 44, 1053-1064.
- Amaratunga, D., Baldry, D., Sarshar, M., & Newton, R. (2002). Quantitative and qualitative research in the built environment :application of mixed research approach. *Work study*, 51(1), 17-31. doi:10.1108/00438020210415488
- Ameyaw, E.E & Chan, A.P.C. (2015). Evaluation and ranking of risk factors in public-private partnership water supply projects in developing countries using fuzzy synthetic evaluation approach, *Expert systems with applications*, 42 (12)
- Anderson, J., Huhn, M, Rivera, D.M & Susong, M. (2006). *The construction project: Phases, people, Terms, Paperwork, Processes*, American Bar association.
- Angkananon, K., Wald, M. & Gilbert, L. (2013). Issues in conducting expert validation and review and user evaluation of the technology enhanced interaction framework and method. In Moscholios, Ioannis and Rychly, Marek (Eds.) *The Eighth International Conference on Internet and Web Applications and Services. ICIW 2013: IARIA*, 124-128.

- Arab Forum for Environment and Development. (2010). Water use efficiency in buildings. In water efficiency manual, 48-71. Retrieved from [http://www.afedonline.org/waterefficiencymanual/PDF/5chapter%204 buildings](http://www.afedonline.org/waterefficiencymanual/PDF/5chapter%204%20buildings).
- Augenbroe, G. L. M., & Pearce, A. R. (2010). Sustainability and the US construction industry. Sustainable Development and the Future of Construction: A comparison of visions from various countries. CIB 82 Publications, Rotterdam, 1-12.
- Australian Industry group. (2006). Water saving factsheet: Textile industry (AIG7082). Retrieved from http://pdf.aigroup.asn.au/environment/7082_WPA_fact_sheet_TEXTILE.pdf
- Azhar, S., Carlton, W. A., Olsen, D., & Ahmad, I. (2011). Building information modelling for sustainable design and LEED® rating analysis, *Automation in construction*, 20(2), 217-224.
- Baloi, D., (2003). Sustainable construction: challenges and opportunities. In: Greenwood, D J (Ed.), 19th Annual ARCOM Conference, 3-5 September 2003, University of Brighton. *Association of Researchers in Construction Management*, 1, 289-294.
- Begum, R. S. W., Sivadasan, S., & Jaafar, A. H. (2009). “Attitude and behavioral factors in waste management in the construction industry of Malaysia”, *Resources, Conservation and Recycling*, 53(6), 321-328.
- Behm, M. (2008). Construction sector, Rapporteur's Report Journal of Safety Research 39 (2008) 175-178, retrieved from <http://www.cdc.gov/niosh/topics/ptd/pdfs/behm.pdf>
- Biswas, A.K. & Seetharam, K.E. (2008). Achieving water security for Asia, *International Journal of water resource development*, 24(1), 145-176
- Biswas, A.K. (2008). “Integrated Water Resources Management: Is It Working?”, *Water Resources Development*, 24(1), 5-22.
- Biswas, A.K.(2004). Integrated Water Resources Management: A Reassessment A Water Forum Contribution, *International Water Resources Association, Water International*, 29 (2), 248-256.

- Boonster, C. & Pettersen, T.D.(2003).Tools for environmental assessment of existing buildings, Sustainable building and construction, UNEP industry and Environment, Retrieved from: [http://www.bournemouth.ac.uk/lis/LIS_Pub/harvard syst.html](http://www.bournemouth.ac.uk/lis/LIS_Pub/harvard%20syst.html).
- Bossink, B. and Brouwers, H. (1996). Construction waste: quantification and source evaluation, *Journal of Construction Engineering and Management*, 122 (1), 56-60.
- Bourg, J. (2010).Water conservation, Retrieved from <http://www.wbdg.org/resources>
- Bouwer, H. (2000). Integrated water management: emerging issues and challenges, *Agricultural water management*, 45 (3), 217-228.
- BREEAM.(2011). Building research establishment environmental assessment method for new construction non-domestic buildings, Technical manual SD5073-3.2 2011, Retrieved from : <http://www.breeam.org>.
- Bribián, I. Z., Capilla, A. V., & Usón, A. A. (2011). Life cycle assessment of building materials: comparative analysis of energy and environmental impacts and evaluation of the eco-efficiency improvement potential, *Building and Environment*, 46(6), 1133-1141.
- University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk
- Brooks, D.B. (2007). An operational definition of water demand management”, *International Journal of water resource management*, 22(4), 521-528.
- Brown, S.R. , Blofeld, S., Hadi, M. & Hamilton, L. (2014). water efficiency interventions in a non- domestic building- technical versus behavioural change , water efficiency conference pp.232-241. 9-11 September 2014 University of Brighton, UK, Retrieved from. <http://www.watefnetwork.co.uk/files/default/resources/Conference2014/WATEFCON2014Proceedings.pdf>
- Bryman, A., and Cramer, D. (2005). Quantitative Data Analysis with SPSS 12 and 13. East Sussex: Routledge.
- Bryman, A. (2007). Barriers to integrating quantitative and qualitative research. *Journal of Mixed Methods Research*, 1, 8–22.
- Building Schedule of Rates. (1988). Building Department, Sri Lanka.


- Bureau of Reclamation. (2000). Achieving efficient water management: A guidebook preparing agricultural water conservation plan, 2nd ed. December, US Department of the Interior.
- Byrne, J. (2011). wastewater treatment reuse. Retrieved from www.watercooperation.com.au/files/waterwise/thegroveewastewaterreusefactsheet.pdf.
- Carew, A.L. and Mitchell, C.A., 2006. Teaching sustainability as a contested concept: capitalizing on variation in engineering educators' conceptions of environmental, social and economic sustainability. *Journal of cleaner production*, 16(1), pp. 105-115.
- Carragher, B. J., Stewart, R. A., & Beal, C. D. (2012). Quantifying the influence of residential water appliance efficiency on average day diurnal demand patterns at an end use level: A precursor to optimised water service infrastructure planning, *Resources, Conservation and Recycling*, 62, 81-90.
- Central Bank Report. (2013). Annual report , Sri Lanka.
- Central Environmental Authority. (2006). *Guidance for implementing the environmental impact assessment (EIA) process*, 3rd Ed. Ministry of Environment.
- Chan T.K. (2009). Measuring the performance of Malaysian construction industry, *construction management and economics*, 27 (12), 1231-1244
- Chanan, V., White, S., Howe, C. & Jha, M. (2003). sustainable water management in commercial office buildings, Pert, Institute for sustainable futures .Retrieved from <http://www.isf.uts.edu.au/publications>.
- Chaudhary, C. M. (1991). Research Methodology. Jaipur: R B S A Publishers.
- Chellaney, B.(2013, August 11). The battle for water how to avert the crisis over new oil, p.12.
- Chen , Z., Li, H., & Wong, T.C. (2000). Envionmental Management of Urban construction projects in China, *Journal of construction engineering and management* , 126(4), 320-324.

- Chen , Z., Li, H., and Wong, T.C.(2000). Environmental Management of urban construction projects in China, *Journal of construction engineering and management* , 126(4),320-324.
- Chen, J.J. (1998). The characteristics and current status of China's construction industry, *construction management and economics*, 16(6), 135-141.
- Chisanga, C.B. (2003, March). Water conservation guidelines and plans in Zambia, Ministry of Agriculture, Zambia.
- Cohen,R.,Ortez,K. & Pinkstaff,C. (2009). Increasing water efficiency in California's Commercial, Industrial Institutional (CII) Sector. Retrieved from <http://www.nrdc.org/water/cacii/files/cii.pdf>.
- Cole, R.J. (2000). Editorial: Cost and value in building green. *Building research and information*, 28 (5/6), 304–309.
- Cooley, H., Christian- Smith, and Gleick, P.H. (2008, September). More with less: agricultural water conservation and efficiency in California, A special focus on the Delta. Retrieved from http://www.pacinst.org/reports/more_with_delta.
- Cooper, D. & Schindler, P.S. (2008). *Business Research Methods* (10th.ed.). Boston, MA and Burr Ridge, IL:McGraw-Hill.
- Corcoran,E.C., Nellemann,E., Baker,B.D.,Osborn,D. & Savelli,H.(2010). sick water? The central role of wastewater management in sustianble development. A rapid response assessment. United Nations Environment Programme, UN=HABITAT,GRID-Arendal. Retrieved from <http://www.grida.no>
- Cordano, M., Welcomer, S., Scherer, R. F., Pradenas, L., & Parada, V. (2011). A Cross-Cultural Assessment of Three Theories of Pro-Environmental Behaviour: A Comparison Between Business Students of Chile and the United States, *Environment and Behaviour*, 43(5),634-657.
- Crawford, R.H. ad Pullen, S. (2011). Life cycle water analysis of a residential building and its occupants, *Journal of Building research and Information*, 39 (6), 589-602.

- Cresswell, J.W. (2009). *Research design , Qualitative , quantitative and mixed methods approaches*, (3rd ed.). Sage Publication.
- Creswell J and Plano Clark V (2007) *Designing and Conducting Mixed Methods Research*. Thousand Oaks CA: Sage.
- Creswell, J. (2003). *Research design: qualitative, quantitative, and mixed methods approaches* (2nd ed.). Thousand Oaks, CA: Sage.
- Czaja, R. & Blair, J. (2005). *Designing Surveys - A Guide to Decisions and Procedures*, Thousand Oaks, CA: Pine Forge Press.
- Daly, Herman E. (1993). Introduction to essays toward a steady-state economy.," In *Valuing the earth*, edited by H.E. Daly and K.N. Townsend. Cambridge, Massachusetts: The MIT Press.
- Davis Langdon. (2007). The cost and benefits of achieving green buildings, Innovative thinking in property and construction. Retrieved from www.usgbc.org/Docs/Archive/General/Docs2583.pdf
- De Groot, J. and Steg, L. (2000). Morality and prosocial behaviour: The role of awareness, responsibility, and norms in the norm activation model, *Journal of Social Psychology*, 149(4), 425-449.
- Defra. (2007, May). *The Waste Strategy for England , Cm 7086*, p 9. Retrieved from <http://www.publications.parliament.uk/pa/cm200910/cmselect/cmenvfru/230/230i.pdf>
- Denzin, N.K., & Lincoln, Y.S. (2005). Introduction: The discipline and practice of qualitative research. In N.K. Denzin & Y.S. Lincoln (Eds.), *The sage handbook of qualitative research* (2nd ed.). Thousand Oaks, CA: Sage.
- Department of Energy. (2011, October). *Domestic water conservation technologies* (Publication No. DOE/EE-0264). Washington: New Technology Demonstration Program. USA.
- Deveraja, S.S. (2013). Management of apparent losses by using water tariff and allocate more resources to control real losses Sri Lanka water conservation, National conference to mark the world water day, BMICH, Colombo, 143-149.

- Dexter, J.(2011). *Land use tools to protect groundwater: Water efficiency standards*. Washington, DC: Environment Law and Policy Center.
- Dharamaratna, D. & Parasnis,J. (2012). An analysis of the cost structure of water supply in Sri Lanka. Retrieved from <http://www.globalewaterforum.org/2010/01/12the-cost-structure-of-water-supply-in-sri-lanka/>.
- Ding, G.K.C. (2008). 'Sustainable construction-the role of environmental assessment tools', *Journal of Environmental Management*, 86 (3), 451-464.
- Doloi, H., Sawhney, A., Iyer, K.C. & Renata, S. (2012). Analysing factors affecting delays in Indian construction projects, *International Journal of Project Management*, 30, 479-489.
- Donge, L. ,Peers, J. & Bonthron, C. (2008). Calvert White Paper: Unparalleled Challenge and Opportunity in Water, September. Retrieved from www.calvert.com
- Dubai Electricity and Water Authority. (2013).Retrieved from http://www.rns-londonstockexchange.com/rns/2340g_2013-6-4.pdf.
- Dulaimi, F., Ding, Y. & Oton, G. (2004). Engines for change in Singapore's construction industry: An industry view of Singapore's Construction 21 report. *Building and Environment*, 39 (6). 699-711. Retrieved from: <http://eprints.uwe.ac.uk/9012>
- Easterby-Smith, M., Thorpe, R. & Lowe, A. (2002). *Management research: An introduction*. (2nd ed.). London: Sage Publications Ltd.
- Economist (2003). “Priceless”, *Economical Magazine*. 09th July, Vol. 366, Issue 8333
- Economist .(2008, March). A Ravenous Dragon, *Economical Magazine*, 386 (8571)
- Eddy, N. (1993). Water Conservation Program Provides Interim Relief for Native American Wastewater Woes, *Small Flows*, 7(2), 15.
- Eden, C. & Huxham, C. (1996). Action research for management research, *British Journal of Management*, 7(1), 75–86.

- Eguavoen, R. & Youkhana, E. (2008). Small towns face big challenge: The management of piped system after the water sector reform (Report No. 26), Bonn: University of Bonn, department of political and cultural change.
- Eisenhardt, K.M., & Graebner, M.E. (2007). Theory building from cases: Opportunities and challenges. *Academy of Management Journal*, 50(1), 25-32.
- Ekanayake, L.L. & Ofori, G. (2004). Building waste assessment score: design –based tool, *Building and environment*, 39, 581-861.
- Environment Agency. (2007). “*Conserving water in buildings*” (Publication No. GEHO1107BNJR-E-E). Bristol: Rio House.
- Eroksuz., E., & Rahman, A. (2010). Rainwater tanks in multi-unit buildings: A case study for three Australian cities, *Resources, Conservation, & Recycling*, 54(12), 1449-1452.
- Falkenmark, M. (1991). water and sustainability reappraisal, International water resources association.
- Fawcett, W., Hughes, G., & Venkata, A. (2012). Flexible strategies for long term sustainability under uncertainty, *Building research and Information*, 40(5), 545-557.
- Fellows, R., & Liu, A. (2003). *Research methods for construction*, (2nd ed.). UK: Blackwell science Ltd.
- Fernando, S.R.S. (2007). *Towards the sustainable construction through Managing water*, Faculty of Architecture Research Unit (FARU), University of Moratuwa, Sri Lanka, October 2007
- Fielding, K. S., Russell, S., Spinks, A., & Mankad, A. (2012). Determinants of household water conservation: The role of demographic, infrastructure, behaviour, and psychosocial variables, *Water Resources Research*, 48(10), 45-51.
- Fink, A. (2009). *How to conduct surveys: a step-by-step guide* (4th ed.). CA: Sage Publications.


- Fowler, K.M & Rauch E.M. (2006). Sustainable building rating systems-summary, The Pacific Northwest National Laboratory, operated for the U.S. Department of Energy by Battelle, PNNL-15858.
- Gamini,P.H.S. (2010). Professional role in Quality assurance process, Project Director International Conference on Sustainable Built Environments (ICSBE), Sri Lanka.
- Gill, J. & Johnson, P., (2002). Research Methods for Managers. (3rd ed.), London.
- Glaser, B. G. & Strauss, A. L. (1967). *The discovery of grounded theory: strategies for qualitative research*. Chicago: Aldine.
- Gleick, P. (1998). Water in crisis: paths to sustainable water use, *Journal of ecological applications*, 8(3), 571-579.
- González-Gómez, F. , Miguel A. García-Rubio, M.A. & Guardiola, J. (2012). Introduction: Water Policy and Management in Spain, *International Journal of Water Resources Development*, 28 (1), 3–11.
- Goodrum, S. (2008). *University of Moratuwa Sri Lanka*  *Electronic Theses & Dissertations* www.lib.mrt.ac.lk White paper # 113, Breakthrough strategy committee.
- Gowri, K. (2004). Green building rating systems: An overview, *ASHRAE Journal*, 46 (11). 56-60.
- Greene, J.C. (2007). *Mixed Methods in Social Inquiry*, John Wiley & Sons, Inc
- Greenroads™ Manual (2005), water use tracking, construction activities *guide*. Retrieved from <http://www.fhi360.org/nr/rdonlyres/>
- Guggemos A.A. & Horvath, A. (2006). Decision-support tool for assessing the environmental effects of constructing commercial buildings, *Journal of Architectural Engineer*, 6(2), 187-195.
- Guion, L.A., Diehl, D.C. & McDonald, D. (2001). Triangulation: establishing the validity of qualitative studies, Florida Cooperative extension Service, Institute of Food and Agricultural sciences, University of Florida.

- Hakim, C. (2000). *Work-Lifestyle Choices in the 21st Century: Preference Theory*. Oxford: Oxford University Press.
- Han, H. (2014). “The norm activation model and theory-broadening: Individuals' decision-making on environmentally-responsible convention attendance”, *Journal of Environmental Psychology*, 40, 462-471.
- Hart, S.L & Dowell, G. (2010). A natural resource based view of the firm: fifteen years after, *Journal of Management* , 1-16, DOI: 10.1177/0149206310390219.
- Hart, S.L. (1995). A natural –resource –based view of the firm, *Academy of Management review* , 20 (4), 986-1014.
- Healey, M.J. (1991).Obtaining information from businesses',in M.J. Healey (ed.) *Economic Activity and Land Use*. Harlow: Longman, pp. 193–251.
- Hiete, M. ,Kuhlen, A., & Schultmann, F . (2011). Analysing the interdependencies between the criteria of sustainable building rating systems, *Journal of construction Management and Economics*, 29, 323-328.
- Hoekstra, A. Y. (2006). The global dimension of water governance: Nine reasons for global arrangements in order to cope with local water problems, Value of Water Research Report Series No. 20, p1-36.
- Holden M.T. & Lynch, P. (n.d). choosing the appropriate methodology: understanding research philosophy. Retrieved from http://rikon.ie/images/publications/Choosing_the_Appropriate_Methodology_Understanding_Research_Philosophy_RIKON_Group.pdf
- Holmes, J. & Hudson, G. (2000). An evaluation of the objectives of the BREEAM scheme for offices: a local case study. London: RICS.
- Horne, J. (2012). Economic approaches to water management in Australia, *International journal of water resource development*, 1-18, DOI:10.1080/07900627.2012.712336.
- Houser D.L. & Pruess, H. (2009). The effects of construction on water quality: a case study of the culverting of Abram Creek, *Environ Monit Assess*, 155(1-4):431-42. doi: 10.1007/s10661-008-0445-9.

- Howard C.D.D (2003, November). The economic value of water, conference on Mountains as Water Towers, Banff, Alberta.
- Hughes, J. & Sharrock, W. (1997). *The Philosophy of Social Research*, (3rd ed.), Pearson: Essex.
- Hussain, I., Thrikawala,S & Barker,R. (2002). Economic analysis of Residential, commercial and industrial uses of water in Sri Lanka, *Water international*, 27(2), 183-193
- Hussein, M.A. (2008). Costs of environmental degradation: An analysis in the Middle East and North Africa region, *Management of Environmental Quality: An International Journal*, 19(3), pp.305 – 317.
- Hussey, J. & Hussey, R. (1997). *Business Research. A Practical Guide for Undergraduate and Postgraduate Students*, Palgrave: Basingstoke.
- Hussin J. Nd. , Rahman, I. A., & Memon, A. H. (2013). The way forward in sustainable construction: Issues and challenges, *International journal of advances in applied Sciences*, 2(1), 31-42
- IlgarI, E. (2010). Water foot printing in the construction industry, UK. Retrieved from http://www-research.cege.ucl.ac.uk/Posters/2010PosterFair/009-Erhan_Ilgar.pdf
- Imran, M. & Low, N. (2005). Sustainable urban transport in Pakistan: threats and opportunities, *Management of Environmental Quality: An International Journal*, 16(5), 505 – 529.
- Institute of Construction Training and Development (ICTAD) (2004). *Building Works*, Vol.1, 3rd edit. SCA/4/1, July.
- International water Management Institute (IWMI) (2010). water pricing and allocation, water issue brief, issue 6.
- Jabareen, Y. (2009). Building a Conceptual Framework: Philosophy, Definitions, and Procedure , *International Journal of Qualitative methods*,8(4),49-62. Retrieved from <http://creativecommons.org/licenses/by/2.0>),

- Jankowicz, A.D. (2005). *Business Research Projects* (4th ed.). London: Business Press Thomson Learning.
- Jaskowski, P., Biruk, S., & Bucon, R. (2010). Assessing contractor selection criteria weights with fuzzy AHP method application in group decision environment”, *Automation in Construction*, 19(2), 120-126.
- Johnson, P. & Duberley, J. (2000). *Understanding Management Research*. London: Sage Publications.
- Johnson, R. B., & Onwuegbuzie, A. J. (2004). Mixed Methods Research: A Research Paradigm Whose Time Has Come. *Educational Researcher*, 33(7), 14-26.
- Johnston, D.J (2003). water for sustainable development, OECD Observer No. 236, Retrieved from http://www.oecdobserver.org/news/fullstory.php/aid/933/Water_for_Sustainable_Development.html.
- Joyce, J. (2012). Setting value for water, Water economics, Stockholm International Water Institute (SIWI).
- Juan, Y., Kuo, P., & Wang, J. (2010). A hybrid decision support system for sustainable office building renovation and energy performance improvement. *Energy and buildings*, 42(3), 290-297.
- Kazaz, A. & Ulubeyli, S. (2007). Drivers of productivity among construction workers: A study in a developing country”, *Building and Environment*, 42, 2132 – 2140.
- Kemmis, S., & McTaggart, R. (1988). *The action research reader* (3rd ed.). Geelong, Australia: Deakin University Press.
- Khalfan M.M. A.(2002). Sustainable development and sustainable construction, Version I , Retrieved from <http://www.c-sand.org.uk/Documents/WP2001-01-SustainLitRev.pdf>
- Kibert, C. J.(1994). Establishing principles and a model for sustainable construction. In Proc of First International Conference of CIB TG 16 on Sustainable Construction Tampa, Florida, USA, p. 3–12.

- Kivaisi, A.K. (2001). The potential for constructed wetlands for wastewater treatment and reuse in developing countries: a review, *ecological engineering*, 16, 545-560. doi:10.1016/S0925-8574 (00)00113-0
- Kodagoda, R. (2013). Development of sustainable tariff system for community managed water supply schemes to operate and maintain without external support in the Monaragela district, Sri Lanka water conservation, National conference to mark the world water day, 21st March, BMICH, Colombo, p.156-160
- Kumar, R. (2005). *Research methodology: a step-by-step guide for beginners*, (2nd ed.), SAGE, London.
- Kumaraswamy, M.M. & Chan, D.W.M. (1998). Contributors to construction delays, *Construction Management and Economics*, 16 (1), pp.17-29.
- Kura, S.Y.B., (2012) Qualitative and Quantitative Approaches to the Study of Poverty: Taming the Tensions and Appreciating the Complementarities, The Qualitative Report 2012 Volume 17, Article 34, 1-19 <http://www.nova.edu/ssss/QR/QR17/kura.pdf>
- Lahlou, Z. (2001). Leak Detection and Water Loss Control, National Drinking Water Clearinghouse at West Virginia University, p. 2, Retrieved from http://www.nesc.wvu.edu/ndwc/pdf/OT/TB/TB_LeakDetection.pdf
- Leedy, P., & Ormrod, J. (2001). *Practical research: Planning and design* (7th ed.)
- Leshem, S. & Trafford, V. (2007). Overlooking the conceptual framework. *Innovations in Education and Teaching International*, 44(1), 93-105. Retrieved from <http://dx.doi.org/10.1080/14703290601081407>
- Lincoln, Y. S. & Guba, E. G. (1985). *Naturalistic Inquiry*. Thousand Oaks, CA: Sage Publications.
- Liu, B., & Ping, Y. (2012). "Water Saving Retrofitting and its comprehensive evaluation of existing residential buildings". *Energy Procedia*, 14, 1780-1785. doi:10.1016/j.egypro.2011.12.1167
- Lockwood, C. (2006). Building the green way, *Harvard business review*, 84(6), 129-137.


- Love P.E.D., Holt, G.D. & Li, H. (2002). Triangulation in construction management research, *Journal of engineering, construction and architectural Management*, 9 (4), 294-303
- Luan, I. O.B. (2010). Singapore water management policies and practices, *International Journal of Water resources development*, (26)1, 65-80.
- Mabin, M. (2009). Moving Towards a Model for Behavioural Change". Energy Saving Trust PPT presentation. ECEEE Summer study.
- Mack, N., Woodsong, C., Macqueen, M.K., Guest, G., & Namey, E. (2005). *Qualitative Research Methods: A data collector's Field Guide*, Family Health International, North Carolina, USA
- Mactavish, A. & Greenhalgh, L. (2013). Sustainability: Resource efficiency, Sweett Group June. Retrieved from <http://www.building.co.uk/sustainability-resource-efficiency/5056886.article>.
- Majdalani, Z. (2006). Sustainability in the construction industry: a Lebanese Case study, *Construction Innovation*, 06, 33-46
- Male  and Sewerage Company, (2013). Retrieved from http://open_jicareport.jica.go.jp/pdf/12146239.pdf
- University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk
- Marshall, C. & Rossman, G.B (1999). *Designing qualitative research*. (3rd ed.) London: Sage Publications.
- Martin, P. Y., & Turner, B. A. (1986). Grounded theory and organizational research. *The Journal of Applied Behavioral Science*, 22(2), 141-157.
- Matar, M. M., Georgy, M. E. & Ibrahim, M. E. (2008). Sustainable construction management: introduction of the operational context space (OCS). *Construction Management and Economics*, 26 (3), 261-275.
- McComack. M., Treloar, G.J ,Palmowski, L. & Crawford, R. (2007). Modeling direct and indirect water requirements of construction, *Building research and information*, 35 (2), 156-162.

- McKee, B. (2003). why do we need research? CILIP Umbrella 2003 Conference, 4 July 2003
- McKenzie, R. & Seago, C. (2005). Assessment of real losses in potable water distribution systems: Some recent developments. *Water Science and Technology* 5(1), 33-40.
- McNab, D.J. , Lynch, M. & Young, P. (2011). Auditing of water use on construction sites-Phase I, Waste and resources action Programme (WRAP), Mabbett & Associates Ltd.
- McNeill, P & Chapman, S. (2005). *Research Methods*, 3rd ed. Routledge, New York.
- McWhinney, J. (2011). "Water: the ultimate commodity. Retrieved from www.investorpedia.com
- Menikdiwela, W.M.I. (2013). Who pays for water in the Sri Lanka? Sri Lanka water conservation, National conference to mark the world water day, BMICH, Colombo, 150-155.
- Miles, M.B. & Huberman, A.M. (1994). *Qualitative Data Analysis: an expanded sourcebook* (2nd ed.), Beverly Hills, Sage.
- Ministry of Environment. (2001). Pollution of Inland Waters, p.54. *Strategies for Qualitative Research*. Chicago: Aldine. Retrieved from http://www.rrcap.ait.asia/pub/soe/srilanka_water.pdf
- Mirata, M., & Emtairah, T. (2011). Generic guidelines and tools to improve water efficiency. *Water efficiency handbook*. Arab: Al-BiaWalTanmia Magazine.
- Morgan, G & Smircich, L. (1980). The case of qualitative research, *Academy of management review*, 5, 491-500.
- Morhan , D. L. (2007). Paradigms lost and pragmatism regained. *Journal of Mixed*
- Morris, T. & Wood, S. (1991). Testing the survey method: continuity and change in British industrial relations, *Work Employment and Society*, 5(2), . 259–82.
- National Cleaner production Center, Sri Lanka. (2012). What is water efficiency? Retrieved from http://www.ncpcsrilanka.org/water_efficiency.html.


- National Water Supply and Drainage Board (NWS&DB), (2012). Corporate plan (2012-2016) Colombo., Sri Lanka
- Neuman, W.L. (2011). Social research methods: qualitative and quantitative approaches. (7th ed.) Boston, Mass.: Allyn and Bacon
- Niccolucci, V. Botto, S., Nicolardi, V., Bad tianoni, S. & Gaggi, C. (2011). The real water consumption behind drinking water: the case of Italy, *Journal of Environmental Management*, 92, 2611-2618.
- Noor, K. B. M. (2008). Case study: a strategic research methodology, *American journal of applied sciences*, 11, 1602-1604, Science publications.
- Nunnally, J. C. & Bernstein, I. H. (1978). Psychometric theory, (3rd ed.), McGraw-Hill: New York.
- Ofori, G. & Kien, H.L. (2004). Translating Singapore architects' environmental awareness into decision making , *Journal of Building Research & Information*, 32:1, 27-37, DOI: 10.1080/09613210210132928
- Ofori, G., (1992) The environmental impact of construction project objectives? *Construction Management and Economics*, 10, 389-395.
- Ofori, G., (1998) .Sustaianble construction: principles and a framework for attainment-comment, *Construction Management and Economics*, 16, 141-145.
- Ofori, G., Briffett, C, Gang, G and Ranasinghe, M. (2000) .Impact of ISO 14000 on construction enterprises in Singapore, *Construction Management and Economics*, 18, 935-947.
- Onwezen, M.C, Antonides, G & Bartel, J. (2013). *The Norm Activation Model: An Exploration of the Functions of Anticipated Pride and Guilt in Pro-environmental Behaviour ournal of Econoic, Phycology*, 39, 141-153. Retrieved from https://www.researchgate.net/publication/259117967_The_Norm_Activation_Model_An_Exploration_of_the_Functions_of_Anticipated_Pride_and_Guilt_in_Pro-environmental_Behaviour#pf1.
- Organization for Economic Co-operation and Development. (OECD) (2008). Household behavior and the environment, reviewing the evidence, Paris.

- Pahwa, T. (2007). Essay on green architecture, Retrieved from <http://www.scribd.com/doc/14198163/Essay-on-Green-Architecture>
- Park, J., & Ha, S. (2014). Understanding consumer recycling behaviour: Combining the theory of planned behaviour and the norm activation model”, *Family and Consumer Sciences Research Journal*, 42(3), 278-291.
- Patton , M.Q. (2003). *Qualitative Evaluation and Research Methods*. (3rd ed.) Newbury Paul Chapman Publishing.
- Paul, S. (1996). Forging a sustainable water resources, New York, W.W. Norton, 1996. 40-59. Retrieved from <http://www.popline.org/node/308699#sthash.uWreQhJh.dpuf>
- Piper, J. (2008). the role of water use audit, facilities education and conference, Retrieved from <http://www.facilitiesnet.com/green/article/Steps-in-a-Water-Audit-Facilities-Management-Green-Feature--9364>
- Queensland Government. (2012). water efficiency Management plans-commercial activity units and key performance indicators, Department of environmental and Resource management, Queensland Government, Australia. Retrieved from <http://www.deir.qld.gov.au/workplaces/resources/pdfs>.
- Ramachandran, K. (2004, February 7). How much water should buildings consume?, *The Hindu*, National News Paper, Saturday.
- Rameezdeen, R. Zainudeen, & Ramachandra ,T. (2008). Study of linkages between construction sector and other sectors of the Sri Lankan economy, In: International conference in building education and research Sri Lanka, 11-15.
- Remenyi, D., Williams, B., Money, A. & Swartz, E. (1998). *Doing Research in Business and Management: An introduction to process and method*, Sage publications, London.
- Ridley, D. (2008). *The Literature Review – A Step-by-Step Guide for Students*, London: Sage publications.

- Road and Traffic Authority in Australia. (2000). Guideline for construction water quality monitoring. Retrieved from <http://www.rms.nsw.gov.au/documents/about/access-to-information/guideconstwaterqualmonit.pdf>
- Roberts, R. , Mitchell, N. & Douglas, J. (2006). Water and australia's future economic growth, 53-69. Retrieved from http://epsa.treasury.gov.au/documents/1087/PDF/05_Water.pdf.
- Robinson, D., Adeyeye, K., Madgwick, D. & Church, A. (2014). Review of attitudes and preferences for water efficiency in Homes, water efficiency conference, UK
- Robinson, D., Gates, J., Walters, S. & Adeyeye, K. (2012). Towards an intergrated approach to measuring and monitoring water in domestic building, *Journal of Biourbanism*, 2, 75-85.
- Robson, C.(2002) . Real World Research. A Resource for Social Scientists and Practitioner Researches, (2nd ed.). Blackwell: Oxford.
- Rogers, P., De Silva, R. & Bhatia, R. (2002). Water is an economic good:How to use prices to promote equity, efficiency and sustainability. *Water policy*, 4, p.17
- Rosegrant, M., Cai, X. and Cline, S. A. (2012). World Water and Food to 2020: Dealing with Scarcity, International Food Policy Research Institute, Washington, D.C., USA and International Water Management Institute, Colombo, Sri Lanka
- Rossana, B. A., Guillermo, O.& Zúñiga, A. I. (2008). Best practices and efficient use of water in the mining industry , Chilean Mining Council and National Mining Association, October .
- Rossman, G.B. & Wilson, B.L. (1985). Numbers and words: Combining qualitative and quantitative methods in a single large scale evaluation. *Evaluation Review*, 9(5), 627-643.
- Roy, T., & Gupta, A. K. (2008). *Greenomics: Cost efficiency of green buildings in India*. Hyderabad, India:Jones Lang LaSalle.
- Russell, S. & Fielding, K. (2010), Water demand management research: A psychological perspective, *Journal of water resources research*, 46, 1-12.

- Sala, S, Bianchi, A., Bligny, J., Bouraoui, F., Castellani,V, De Camillis, C.,Mubareka,S. VandecasteeI, & Wolf, M.(2013). Water footprint in the context of sustainability assessment, Joint research centre, Scientific and Policy reports.
- Sala, S. & Wolf, M. (2013). Sustainability assessment of water: a holistic approach to an efficient use of the resource, report on water footprint in the context of sustainability assessment, Joint research centre, Scientific and Policy reports.
- Samad, S. (2005). Water policy 7, Sri Lanka: International water management institute (IWMI)
- Sarantacos, S. (1998) Social research, (2nd ed.). HongKong, Macmillan Education.
- Saunders, P., Lewis, P. & Thornhill,A. (2009). Research methods for business students, (5th ed.), Pearson Education Limited, Edinburgh Gate, England.
- Savenije, H. & Van der Zaag, P. (2002). Water as an economic good and demand management paradigms with pitfalls, International water resources association, *Water International*:27 (1), 98-104.
- Schein,  (1999). *Process Consultation Revised: Building the Helping Relationship*. Reading, MA: Addison-Wesley.
- Sekaran, U. (2003). Research methods for business: a skill-building approach, (4th ed.), Wiley, New York.
- Sev, A. (2009a). How can the construction industry contribute to sustainable development? A conceptual Framework, *Journal of Sustainable development*, 17,161-173.
- Sev, A. (2009b). A comparative analysis of building environmental assessment tools and suggestions for regional adaptations, *Civil Engineering and Environmental Systems*, 28(3), 231–245.
- Sexton, M., 2003. A supple approach to exposing and challenging assumptions and PhD path dependencies in research. Key note speech of the 3rd international postgraduate research conference, Lisbon

- Shaban, A. and Sattar, S.(2011) ‘Water security and sustainability in urban India’,
Int. J. Global Environmental Issues, Vol. 11, Nos. 3/4, pp.231–254.
- Shank, G. D. (2006). *Qualitative research: A personal skills approach* (2nd ed.).
Upper Saddle River, NJ: Pearson Education.
- Shen, L.Y., Hao, J.L., Tam, V.W.Y., & Yao, H.(2007). A checklist for assessing
sustainability performance of construction projects, *Journal of civil engineering
and Management*, XIII (4), 273–281.
- Shukla, A. (2014). water auditing: a perfect tool for efficient water management,
concrete Institute in India. Retrieved from
<http://www.slideshare.net/awanishshukla98/water-auditing?related=1>
- Silva, A. A., & Pimentel, R. C. (2011). The importance of water efficiency in
buildings in Mediterranean countries: The Portuguese experience. *Engineering
and Development*, 5(1), 17-24.
- Singapore’s National Water Agency. (2008). *Water efficient building design guide
book*. Retrieved from Public Utilities Board. Retrieved from
http://www.nwpa.gov.sg/docs/WEBD_bkweb.pdf
- Singh, R.K., Murty, H.R., Gupta, S.K., & Dikshit, A.K. (2012). An overview of
sustainability assessment methodologies, *Ecological Indicators*, 15, 281-299. DOI
of original article: 10.1016/j.ecolind.2008.05.011
- Sjostrom, C & Bakens, W. (1999). Sustainable construction: why, how and what.
Building Research and Information, 27(6), 347–353.
- Smakhtin, V., Revenga, C, & Döll, P. (2004). A Pilot Global Assessment of
Environmental Water Requirements and Scarcity, *Water International*, 20(3),
307–317.
- Smith, A., & Pitt, M. (2011). Sustainable workplaces and building user comfort and
satisfaction. *Journal of Corporate Real Estate*, 13(3), 144-156. doi:
10.1108/146300111111170436
- Spence, R. & Mulligan, H. (1995). Sustainable development and the construction
industry, *Habitat International*, 19(3), 279-292.

- Stern, P. C. (2000), Toward a coherent theory of environmentally significant behavior, *Journal of Social*, 56(3), 407–424, doi:10.1111/0022- 4537.00175.
- Street P. (2010). A sustainable net-zero energy water industry, Stockholm, World Water Week – 5th September 2010 ,Balck and Veatch.
- Suvilehto, H.M., Rouhiainen, V., Honkasalo, N., Sarvaranta, A., & Solid, D. (2012). Measuring and evaluating the soft energy efficiency measures , ÅF-Industry Ltd
- Tam, V. W.Y & Lee, K. N., (2007). Assessing Environmental Performance in the Construction Industry”, *Surveying and Built Environment* ,18(2), 59-72.
- Tan , W. (2002). Practical research methods, Singapore: Prentice Hall.
- Tan, Y., Shen, L., & Yao, H. (2011). Sustainable construction practice and contractors’ competitiveness: A preliminary study, *Journal of Habitat International*, 35,225-230
- Tashakkori, A., & Teddlie, C. (2009). *Foundation of Mixed Methods Research:*
- The Australian Industry Group. (2006). “Water saving factsheet: Textile industry (AIG7020)”. Retrieved from http://pdf.aigroup.asn.au/environment/7082_WPA_fact_sheet_TEXTILE.pdf
 University of Moratuwa, Sri Lanka.
 Electronic Theses & Dissertations
www.lib.mrt.ac.lk
- The Workplace Health and Safety Queensland. (2007). Model water management plan for the civil construction industry, The state of Queensland, Australia, May
- Theo, M. M. M., & Loosemore, M. (2001). theory of waste behaviour in the construction industry, *Construction Management & Economics*, 19(7), 741-751.
- Thilakarathna, T., & Silva, S. D. (2012). *Sustainability through building of green factories*. Retrieved from <http://www.civil.mrt.ac.lk/conference/ICSBE2012/SBE-12-109.pdf>
- Thurmond, V. (2001). The point of triangulation, *Journal of Nursing Scholarship*, 33(3), 254-256.
- Tranfield, D., Denyer, D. and Smart, P. (2003) ‘Towards a methodology for developing evidence informed management knowledge by means of systematic review’, *British Journal of Management*, Vol. 14, No. 3, pp. 207–22

- Tse, Y. C. R. (2001). The implementation of EMS in construction firms: case study in Hong Kong, *Journal of Environmental Assessment Policy and Management*, 3 (2), 177-194.
- United Nations and United Nations Secretary-General's Advisory Board. (2011, March). How the Green Economy depends on Water, Official Side Event – 2nd UNCED 2012 Prepcom UN Headquarters. Retrieved from http://www.unwater.org/downloads/Report_Prepcom2_Side_Event_Water_GreenEconomy.pdf
- United State Department of Energy. (2002, October). *Domestic water conservation technologies* (Publication No. DOE/EE-0264). Washington: New Technology Demonstration Program.
- United States Environmental Agencies. (2012). how to conserve water and use it effectively. Retrieved from <http://water.epa.gov/polwaste/nps/chap3.cfm>
- Utraja, G. (2010). Water for construction. Retrieved from www.gharexpert.com/articles/water-1837
- Uyangoda, D. (2010). *Writing Research Proposals in the Social Sciences and Humanities: a practical Guide*, Colombo: Social Scientists' Association, ISBN: 978-955-1772-68-0,
- Van der Werff, E., and Steg, L. (2015). "One model to predict them all: predicting energy behaviours with the norm activation model", *Energy Research & Social Science*, 6, 8-14.
- Vaughan, R. (2008). Conceptual framework, University of Bournemouth, www.bournemouth.ac.uk
- Volmajer, V.J., Le Marechal, M.A , Krizanec, B.. & Vajnhandl, S. (2012). The Applicability of an Advanced Oxidation Process for Textile Finishing Waste Streams & Fate of Persistent Organic Pollutants, *International Journal of Environmental Resources*, 6(4), 863-874.
- Wahyuni, D. (2012). The research design maze; Understanding paradigms, cases, methods, and methodologies, *JAMAR*, 10(1).

- Waidyasekara K.G.A.S, De Silva M.L & Rameezdeen, R (2013), Comparative study of green building rating systems: In terms of water efficiency and conservation, International Conference on Socio-economic sustainability in construction: practice, policy and research, 108-117, Colombo, Sri Lanka
- Waidyasekara K.G.A.S, De Silva M.L & Rameezdeen, R. (2012). Value of sustainable use of water in construction industry, 2nd International Conference on Sustainable Built Environment (ICSBE), at Kandy, Sri Lanka
- Waidyasekara K.G.A.S, De Silva M.L & Rameezdeen, R. (2014). A critical review of water studies in construction industry, The 3rd world International Conference on Sustainability and development in Built environment: The way forward, p. 01-12, Colombo, Sri Lanka.
- Walton, J.S., El-Haram, M., Castillo, N.H., Horner, R.M.W., Pricce, A.D.F., & Hardcastle, C. (2005). Integrated assessment of urban sustainability, *Journal of Engineering Sustainability*, 158, 57-66.
- Watt, D. J., Kayis, B., & Willey, K. (2010). The relative importance of tender evaluation and contractor selection criteria, *International Journal of Project Management*, 28(1), 51-60.
- Waylen, C., Thornback, J. & Garrett, J. (2011). Water: an action plan for reducing water usage on construction sites, Strategic Forum for construction (SFfC)
- Williams, M. & May, T. (1996). An Introduction to the philosophy of Social Research, London, UK, Routledge
- Wolcott, H. F. (1999). *Ethnography: A way of seeing*. Walnut Creek, CA: AltaMira Press.
- Wood, M. & Welch, C. (2010). Are 'Qualitative' and 'Quantitative' Useful terms for Describing Research?, *Methodological Innovations*, 5(1), 56-71.
- World Commission on Environment and Development (OCED). (1987). 'Our common future', Oxford University Press, Oxford.
- Wu, Y. W. (2003). The foreground of green building development. Retrieved from <http://www.zhb.gov.cn>.

- Xing, Y., Horner, R.M.W., El-Haam, M.A., & Bebbington, J. (2007). A framework model for assessing sustainability impact of a built environment, International conference on Whole life Urban sustainability and its assessment , M. Horner, C. Hardcastle, A.Price, J. Bebbington (Eds), Glasgow
- Yin,R.K. (2009). *Case study research: Design and Methods*, (4th ed.), Sage Publications, London.
- Young, R. A., & Loomis, J. B. (2014). Determining the economic value of water: concepts and methods. Routledge.
- Yuan, H., Shen, L. & Wang, J. (2011). “Major obstacles to improving the performance of waste management in China’s construction industry”, *Facilities*, 29 (5/6), 224-242.
- Zbigniew, W and Kundzewicz, W. (1997). Water resources for sustainable development, *Hydrological Sciences Journal*, 42(4), 467-480, DOI: 10.1080
- Zhang, X., Platten, A., & Shen, L. (2013). Green property development practice in China: costs and barriers. *Building and Environment*, 46



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