



A. Case studies

B. Methodology

C. Additional details on results

D. Bibliography

D.1 Bibliography

D.2 Case Studies

D.3 Databases

D.1 Bibliography



- Abdullah, Roohi. 2006. "State of the Utilities: Water, Electricity, and the Poor." UN Habitat Energy Expert Group Meeting, Modern Energy Access for Poor Urban Settlements. 4-6 December 2006. Nairobi.
- Abrams L., I. Palmer and T. Hart. 2001. *Sustainability Management Guidelines, Sustainability Management Guidelines for Water Supply in Developing Communities*. Prepared for Department of Water Affairs and Forestry. South Africa: Water Policy International Ltd.
- Adams, Richard H. 1996. *Livestock Income, Male/Female Animals, and Inequality in Rural Pakistan*. Discussion Paper No. 21. Washington, DC: International Food and Policy Research Institute.
- Adams, W.M. 1990. "How beautiful is small? Scale, control, and success in Kenyan irrigation." *World Development*. 18(10), 1309-1323.
- Adams, W M, T. Potkanski, and J.E.G Sutton. 1994. "Indigenous farmer-managed irrigation in Sonjo, Tanzania." *The Geographical Journal*. 160(1). March 1994
- Adank, Marieke. 2006. "Linking multiple use services and self supply principles." Delft: IRC International Water and Sanitation Centre.
- Adank, Marieke. 2006. "Multiple use services (MUS) and self supply for Water." Power Point Presentation at the 5th Rural Water Supply Network Forum, November 2006. MUS Group. IRC International Water and Sanitation Centre.
- Alam, Jahangir. 1997. "Impact of Smallholder Livestock Development Project in Some Selected Areas of Rural Bangladesh." *Livestock for Rural Development*. 9(3).
- Alberts, J.H. and J.J. van der Zee. 2003. "A Multisectoral Approach to Sustainable Rural Water Supply: The Role of the Rope Handpump in Nicaragua." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Altaj, Anjum, Haroon Jamal, and Dale Whittington. 1992. *Willingness to pay for water in Rural Punjab, Pakistan*. Washington, DC: United Nations Development Program and the World Bank Water and Sanitation Program.
- Ali, 2000.
- Aredo, Dejene, Don Peden and Girma Taddese. 2005. *Gender, Irrigation and Livestock: Exploring the Nexus*. Policy Briefing. Addis Ababa: International Livestock Research Institute.
- Asian Development Bank (ADB). 2003. *Water and Poverty – A Collection of Case Studies. Experiences from the Field*. Water for All. Working Document, Water and Poverty Initiative (WPI) for the 3rd World Water Forum held in Kyoto, Shiga, and Osaka, Japan, 16-23 March 2003.
- Asian Development Bank (ADB). 2005. *Asia Water Watch 2015: Are Countries in Asia on Track to Meet Target 10 of the Millennium Development Goals?* Manila: Asian Development Bank.
- Associates in Rural Development (ARD). 2004. *Drilling Cost Survey*. Report prepared for the West Africa Water Initiative (WAWI) Project.
- Awulachew, S.B. and Douglas Merrey. 2006. "Assessment of Small Scale Irrigation and Water Harvesting in Ethiopian Agricultural Development." In: *Agricultural Water Management: A critical Factor in Reduction of Poverty and Hunger*. Proceedings of the 2nd Regional Workshop on Agricultural Water Management in Eastern and Southern Africa, 18-22 Sep 2006- Maputo, Mozambique.



- Ayalneh, Wagnew, Abiye Astatke, K. Sonder, R. Puskur, D. Peden and Girma Taddese. 2005. "Livestock water productivity of four community-based small-scale irrigation schemes in the Upper Awash River Basin of Ethiopia." In D. Peden, Girma Taddese and Tesfaye Jemaneh. (Eds). 2005. *Community-based irrigation management in Ethiopia: Strategies to enhance human health, livestock and crop production, and natural resource management*. Proceedings of a workshop organized by EARO/MU/IWMI/ILRI held at ILRI, Addis Ababa, Ethiopia, 14–16 March 2005. EARO (Ethiopian Agricultural Research Organization), Addis Ababa, Ethiopia; MU (Mekele University), Mekelle, Ethiopia; IWMI (International Water Management Institute), Colombo, Sri Lanka; and ILRI (International Livestock Research Institute), Nairobi, Kenya.
- Bakker, M., R. Barker, R. Meinzen-Dick, F. Konradsen, eds. 1999. "Multiple uses of water in irrigated areas: A case study from Sri Lanka." SWIM Paper 8. Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/SWIM/Swim08.pdf>
- Bakker, Margaretha, and Yutaka Matsuno. 2001. "A framework for valuing ecological services of irrigation water." *Irrigation and Drainage Systems*. 15: 99-115.
- Balde, D. 2006. "Projet de Réduction de la Pauvreté en Milieu Rural (PRPMR)." In: *Does poultry reduce poverty and assure food security? – A need for rethinking the approaches*. Proceedings of an International Workshop held on August 30-31, 2005. Network for Smallholder Poultry Development, University of Copenhagen, Denmark.
- Barton, David, Nick Meadows, and John Morton. 2001. "Drought Losses, Pastoral Saving and Banking: a Review." Natural Resources Institute.
- Bekele, Tadesse, Husien Kebede, Girma Taddese and Don Peden. 2006. "Small Scale Irrigation Practices and Crop & Livestock Water Requirements for Better Production by Smallholder Farmers: A Cursory Study on SG-2000 Water Harvesting and Utilization Pilot Project." Addis Ababa: International Livestock Research Institute.
- Bhattacharjee, Lalita, Biplab K. Nandi, and Saleumsy Phithayaphone. 2004. *Pilot Project for the Promotion of Home Gardens for Improved Nutritional Well-Being*. Report. Vientiane: Food and Agriculture Organization and Department of Agriculture – Ministry of Agriculture and Forestry Lao People's Democratic Republic
- Bhattacharjee, Lalita, Biplab K. Nandi, and Saleumsy Phithayaphone. 2006. *Home Gardens – Key to Improved Nutritional Well-Being*. Report of Pilot Project TCP/LAO/2901 Promotion of home gardens for improved nutritional well-being. Bangkok: Food and Agriculture Organization and Department of Agriculture – Ministry of Agriculture and Forestry Lao People's Democratic Republic.
- Bill and Melinda Gates Foundation (BMGF). 2006. "Landscaping and Review of Approaches and Technologies for Water, Sanitation and Hygiene - Opportunities for Action" Main Report. Unpublished.
- Bingham, Rachel. 2007. "Multiple Use Services: Meeting the Productive and Domestic Water Needs of the Rural Poor." Masters Thesis, Tufts University. May 2007.
- Blench, Roger and Zoe Marriage. 1999. "Drought and Livestock in Semi-Arid Africa and Southwest Asia." Working Paper 117. London, UK: Overseas Development Institute.
- Boelee, Eline. 2002. "Water and health in irrigated agriculture." Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.ilri.cgiar.org/infoserv/webpub/fulldocs/integratedwater/iwmi/documents/papers/eboelee.htm>
- Boelee, E. 2006. "Multiple Uses of Irrigation systems," Power Point Presentation for *Policies and Management for Multiple Uses of Water, Winrock International*, Arlington, VA. May 26, 2006.



- Boelee, Eline and Hammour Laamrani. 2003. "Multiple Use of Irrigation Water in Northern Morocco." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Boelee, Eline, Hammou Laamrani and Wim van der Hoek. 2007. "Multiple Use of Irrigation Water for Improved Health in Dry Regions of Africa and South Asia." *Irrigation and Drainage*. 56: 43-51.
- Bolt, E. and C. Fonseca. 2001. "Keep it working: A field manual to support community management of rural water supplies." IRC Technical Paper Series 36. Delft, the Netherlands: IRC. International Water and Sanitation Centre.
- Bolt E., Shordt K. and Krukkert I. 2006. School Sanitation and Hygiene Education Results from the assessment of a 6-country pilot project. IRC/UNICEF.
- Botha, J.J. et al. 2004. "Evaluating the sustainability of the in-field rainwater harvesting crop production system." Paper submitted to the ICID - FAO International Workshop on Water Harvesting and Sustainable Agriculture, Moscow, 7 September 2004.
- Brandes, Oliver M., Tony Maas and Ellen Reynolds. 2006. *Thinking beyond pipes and pumps: top 10 ways communities can save water and money*. The Water Sustainability Project. POLIS Project on Ecological Governance. University of Victoria.
- Bravo-Baumann, H. 2000. Gender and livestock: Capitalisation of experiences on livestock projects and gender. Working Document. Bern: Swiss Agency for International Cooperation and Development.
- Briscoe, John. 1999. "The Changing Face of Water Infrastructure Financing in Developing Countries." *Water Resources Development*. 15(3): 301-308.
- Brun, Thierry, Jacqueline Reynaud, and Simon Chevassus-Agnes. 1989. "Food and Nutritional Impact of One Home Garden Project in Senegal." *Ecology of Food and Nutrition*. Vol. 23.
- Bureau of Finance. Southern Nations, Nationalities, and People's Region. Ethiopia. 2006. Unit costs for SNNPR Strategic Plan 1998-2002 (EFY)
- Bustamante, R., J. Butterworth, M. Flierman, D. Herbas, M. den Hollander, S. van der Meer, P. Ravenstijn, M. Reynaga, and G. Zurita. 2004. *Livelihoods in conflict: disputes over water for household-level productive uses in Tarata, Bolivia*.
- Bustamante, R., J. Butterworth, I. D. Callejo, A. Duran, D. Herbas, B. Hillion, M. Reynaga, and G. Zurita. 2004. *Multiple sources for multiple uses: Household case studies of water use around Cochabamba, Bolivia*.
- Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Bradford, Andrew, Robert Brook and Chandra Hunshai. 2003. "Wastewater Irrigation: Hubli-Dharwar, India." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Cardone, R. and C. Fonseca. 2003. "Financing and Cost Recovery." IRC Thematic Overview Paper.
- Cardone, R. and C. Fonseca. 2006. *Financing Facilities for the Water Sector*. Thematic Overview Papers. Delft, the Netherlands: IRC International Water and Sanitation Centre

D.1 Bibliography



- Carter, Richard. 2006. "Investigating Options for Self-help Water Supply." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note. October 2006.
- CEH SIDI. 2007. *Etude diagnostique pour la réhabilitation de PMH dans le département de Magaria*. Rapport Provisoire.
- Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT). 2004. Global Rural-Urban Mapping Project (GRUMP): Urban Extent. Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.
- Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT). 2004. Global Rural-Urban Mapping Project (GRUMP): Gridded Population of the World, GRUMP (alpha). Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.
- Chitukuno, H. R. and H. A. Foster. 1997. "Methodology for enabling women to improve poultry productivity through better husbandry and disease control." Proceedings of an International Workshop held on June 13-16, 1995 at the International Livestock Research Institute, Addis Ababa, Ethiopia
- Cinara. 2006. Marcos Legales e Institucionales en Colombia y su Impacto sobre Mus. MUS Project. Available at: <http://www.musproject.net/page/522>
- Cinara. 2006. Informe "Monitoreo de las Alianzas de Aprendizaje". MUS Project. Available at: <http://www.musproject.net/page/1575>
- Clasen, Thomas F. and Sandy Cairncross. 2004. "Editorial: Household water management: refining the dominant paradigm." *Tropical Medicine and International Health*. 9(2):187-191, February 2004.
- Cohen, Dani, Uri Shamir, and Gideon Sinai. 2004. "Water Quality Aspects of Optimal Operation of Rural Water Distribution Systems for Supply of Irrigation and Drinking Water." *Irrigation and Drainage*. 53:339-361.
- Comprehensive Assessment of Water Management in Agriculture. 2007. Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture. London: Earthscan, and Colombo: International Water Management Institute.
- Corral, L. and Reardon, T. 2001. "Rural nonfarm incomes in Nicaragua." *World Development*. 29(3), 427-442.
- Cousins, T., Dlamini, V. and N. Maluleke. 2007. Working and learning with stakeholders about multiple use water services in Bushbuckridge. Available at: <http://www.musproject.net/page/963>
- Cousins, T. and S. Smits. 2005. *Report of the national seminar on initiatives and experiences on multiple use approaches to water* MUS Project. Available at: <http://www.musproject.net/page/424>
- Cousins, T. and S. Smits. 2006. *Report of the national seminar "Local government implementation of a multiple uses of water approach"*. MUS Project. Available at: <http://www.musproject.net/page/991>
- COWI /Danish Ministry of Environment. 2004. Financial needs of achieving the Millennium Development Goals for water and sanitation in the EECCA region.
- Critchley, William and Marit Brommer. 2003. "Innovation and Infiltration: Human Ingenuity in the Face of Water Shortage in India and Kenya." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Danert, Kerstin. 2006. "A Brief History of Hand Drilled Wells in Niger." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note. October 2006.
- Dardenne, B. 2006. "The role of the private sector in peri-urban or rural water services in emerging countries." Background Issues Paper for OECD Global Forum on Sustainable Development, November 29-30 2006, Paris.
- Davis, Jennifer, Alice Kang, Jeffrey Vincent, and Dale Whittington. 2001. "How Important is Improved Water Infrastructure to Microenterprises? Evidence from Uganda." *World Development*. 29(10), 1753- 1767.

D.1 Bibliography



- De Lange, Marna & Tessa Cousins. 2006. "Using Water to Fight Poverty: A multiple-use systems approach to food security and productive uses of water." In *The Mvula Trust 2006 Local Government Water and Sanitation Diary*.
- DeBoer, John. 2007. "Study on Costs and Benefits of Multiple Use Services in Nepal." Winrock International.
- Department of Agriculture and Environmental Affairs. 2005. "Water Requirement of Livestock." Government of Zimbabwe. Available at: <http://agriculture.kzntl.gov.za/portal/Publications/ProductionGuidelines/BeefProduction/WaterRequirementsofLivestock/tabid/128/Default.aspx>
- Demographics and Health Surveys (DHS). "Measure DHS." Available at: <http://www.measuredhs.com/>
- Deshingkar, Priya, John Farrington, Pramod Sharma, Laxman Rao Jayachandra Reddy, Ade Freeman and Dantuluri Sreeramaraju. 2005. "Livestock and Poverty Reduction in India: Findings from the Livelihood Options Project," Overseas Development Institute.
- Dinku, Lema, Girma Taddese and D. Peden. 2005. "Economic linkages of smallholder irrigation development and issues of community management." In Peden D., Girma Taddese and Tesfaye Jemaneh. (Eds). 2005. *Community-based irrigation management in Ethiopia: Strategies to enhance human health, livestock and crop production, and natural resource management*. Proceedings of a workshop organized by EARO/MU/IWMI/ILRI held at ILRI, Addis Ababa, Ethiopia, 14–16 March 2005. EARO (Ethiopian Agricultural Research Organization), Addis Ababa, Ethiopia; MU (Mekele University), Mekelle, Ethiopia; IWMI (International Water Management Institute), Colombo, Sri Lanka; and ILRI (International Livestock Research Institute), Nairobi, Kenya.
- Dlamini, V. 2007. *Local government implementation of policies for integrated water services provision – the practice in Bushbuckridge Local Municipality*. MUS Project. Available at: <http://www.musproject.net/page/950>
- Dolberg, Frands. 2001. "A livestock development approach that contributes to poverty alleviation and widespread improvement of nutrition among the poor." *Livestock Research for Rural Development*. (13) 5.
- Dolberg, Frands. 2003. *Review of Household Poultry Production as a Tool in Poverty Reduction with Focus on Bangladesh and India*." Pro Poor Livestock Policy Initiative Working Paper No. 6. Rome: Food and Agriculture Organization.
- Dovie, Delali B.K., Chalie M. Shackleton, and E.T.F. Witkowski. 2006. "Valuation of communal area livestock benefits, rural livelihoods and related policy issues." *Land Use Policy*. 23(3): 260-271.
- Dugan, P., V. V. Sugunan, R. L. Welcomme, C. Bénédicte, R. E. Brummett and M. C. M Beveridge. 2007. "Inland Fisheries, Aquaculture and Water Productivity." In *Comprehensive Assessment of Water Management in Agriculture*. 2007. *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan, and Colombo: International Water Management Institute.
- Duran, A., D. Herbas, M. Reynaga, and J. Butterworth. 2005. "Planning for multiple uses of water: Livelihood activities and household water consumption in peri-urban Cochabamba." In *Resources, Energy, and Development*. Delhi: The Energy and Resources Institute. TERI. Available at: http://www.irc.nl/content/download/20877/249914/file/multiples_uses_of_water.pdf
- DWAF. 2002. *Sanitation for a Healthy Nation: Sanitation Technology Options*. Department of Water Affairs and Forestry, Pretoria.
- Dyg, Pernille M. and Saleumsy Phithayaphone. 2005. "Home Gardens in Lao PDR – Linkages between Agricultural Biodiversity and Food Security." *Juth Pakai: Sharing Information to Stimulate Development* (4):18-26.
- Endamana, D., I.M. Kengne, J. Gockowski, J. Nya, D. Wandji, J. Nyemeck, N.N. Soua. 2003. "Wastewater Reuse for Urban and Periurban Agriculture in Yaounde Cameroon: Opportunities and Constraints." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Engineering News. 2007. "Chronic underspend on maintenance of South Africa's public infrastructure." Feb 2nd 2007.
- Ensink, J. H. J., M.R. Aslan, F. Konradsen, P. L. Jensen, and W. van der Hoek, W. 2002. "Linkages between irrigation and drinking water in Pakistan." Working Paper 46. Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/working/WOR46.pdf>
- Esrey, S.A. 1996. "Water, waste, and well-being: a multicountry study." *American Journal of Epidemiology*. 143:608-623.

D.1 Bibliography



- Estache, A. and E. Kouassi. 2002. *Sector organisation governance and the inefficiency of water utilities*. World Bank Policy Research Working Paper 2890
- European Union Water Initiative. 2006. *Financing Strategy for the Water Supply and Sanitation Sector Ethiopia: Executive report (draft 2.0)*
- Ezeji, Joachim Ibeziako. *Incorporating Productive Use in to Water Systems in Urban Nigeria*. MSc Individual Project, Loughborough University, UK.
- Flood, Joe. 2004. "Cost Estimate for Millennium Development Goal 7, Target 11 on Slums".
- Fonseca, C. and R. Cardone. 2004. "Analysis of cost estimates and funding available for achieving the Millennium Development Goals targets for water and sanitation." Background paper to WELL Briefing Note.
- Fonseca C. and R. Cardone. 2006. "Cost estimates, Budgets, Aid and the Water Sector: What's going on? An analysis illustrated with data from 12 Sub-Saharan African countries." Background paper for WELL Briefing Note.
- Food and Agriculture Organization of the United Nations (FAO). 2003. "Beyond irrigation: the multiple uses of water for improving both diets and incomes." In *The State of Food Insecurity in the World*. Available at: http://www.fao.org/docrep/006/j0083e/j0083e05.htm#P37_6598
- Food and Agriculture Organization of the United Nations (FAO). "Aquastat" database. Available at: <http://www.fao.org/ag/AGL/aglw/aquastat/investment/index.stm>
- Food Security Analysis Unit. 2001. "Focus: Pastoralist under Pressure." Food and Agriculture Organizations. Available at: <http://www.fsasomali.org/uploads/Other/620.pdf>
- Franceys, R., C. Perry and C. Fonseca. 2006. "Guidelines for User Fees and Cost Recovery for Water, Sanitation and Irrigation Projects." IRC/Cranfield Report for the African Development Bank. Unpublished.
- Wikipedia. 2007. Entry: "GDP deflator." Available at: http://en.wikipedia.org/wiki/GDP_deflator
- Gibson, Clark C., Elinor Ostrom, and T.K. Ahn. 2000. "The concept of scale and the human dimensions of global change: a survey." *Ecological Economics*. 32: 217-239.
- Gilimani, Benedict. 2005. *The Economic Contribution of Home Production for Home Consumption in South African Agriculture*. Master of Science Thesis Agricultural Economics, University of Stellenbosch.
- Global Water Partnership (GWP). 2000. *Towards water security: Framework for Action*. Stockholm, Sweden: Global Water Partnership. Section 4.
- Global Water Partnership (GWP). 2004. *Catalyzing Change: A Handbook for Developing Integrated Water Resources Management (IWRM) and Water Efficiency Strategies*. Stockholm, Sweden: Global Water Partnership Technical Committee and Norway's Ministry of Foreign Affairs. Available at: <http://www.gwpforum.org/gwp/library/Handbook.pdf>
- Goldblatt, Michael. 1998. "Assessing the effective demand for improved water supplies in informal settlements: a willingness to pay survey in Vlakkfontein and Finetown, Johannesburg." *Geoforum*. 30:27-41.
- Gowing, John. 2004. "Multiple use management in a large irrigation system: benefits of distributed storage." *Irrigation and Drainage Systems*. 18(1).
- Gross, Bruce, Christine van Wijk, and Nilanjana Mukherjee. 2001. *Linking Sustainability with Demand, Gender and Poverty. A Study in community-managed water supply projects in 15 countries*. IRC International Water and Sanitation Centre.
- Gulyani, Sumila, Debabrata Talukdar, and R. Mukami Kariuki. 2005. "Universal (Non)Service?: Water Markets, Household Demand and the Poor in Urban Kenya." *Urban Studies*. 42(8):1247-1274.
- Gura, Susanne, and LPP. 2003. "Losing livestock, losing livelihoods." *Seedling*. GRAIN.
- Handstad, Tim., Robin Nielsen, and Jennifer Brown. 2004. *Land and Livelihoods: Making land rights real for India's rural poor*. Livelihood Support Programme Working Paper 12. Rural Development Institute and Food and Agriculture Organization of the United Nations.
- Helen Keller International (HKI) – Asia-Pacific. 2001. *Homestead Food Production – A Strategy to Combat Malnutrition and Poverty*. Jakarta, Indonesia: Helen Keller International.
- Herbert, James R. 1985. "Effects of Water Quality and Water Quantity on Nutritional Status: Finding from a south Indian community." *Bulletin of the World Health Organization*. 63(1): 143-155.

D.1 Bibliography



- Heredia, G. 2007. *Promoviendo el enfoque MUS a partir de un Centro de Recursos en Cochabamba – Bolivia. Sistematización de la experiencia.* MUS Project
- Heredia, Gustavo and Agua Tuya. 2006. “Asociación de Usuarios de Agua Potable Challacaba.” Cochabamaba: Centro Agua – Universidad Mayor de San Simón, Programa Agua Tuya, and IRC. Available at: <http://www.musproject.net/page/523>
- Hermanowicz, Slawomir W. 2005. “Sustainability in Water Resources Management. Changes in Meaning and Perception.” Water Resources Center Archives Working Papers. University of California, Multi-Campus Research Unit.
- Hope, R.A., P-J. Dixon, and G. von Maltitz. 2003. “The Role of Improved Domestic Water Supply in Livelihood and Poverty Reduction in Limpopo Province, South Africa.” In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies.* Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Hoddinott, J. 1997. “Water, health, and income: a review.” Washington, DC: International Food Policy Research Institute, Discussion Paper No. 25.
- Huby, Meg and Stuart Stevenson. 2003. “Meeting need and achieving sustainability in water project interventions.” *Progress in Development Studies*. 3(3): 169-209.
- Hussain, Intizar. 2005. *Pro-poor Intervention Strategies in Irrigated Agriculture in Asia. Poverty in Irrigated Agriculture: Issues, Lessons, Options and Guidelines Bangladesh, China, India, Indonesia, Pakistan and Vietnam.* Project Final Synthesis Report. Colombo, Sri Lanka: International Water Management Institute.
- Hussain, Intizar and Munir A. Hanjra. 2004. “Irrigation and Poverty Alleviation: Review of Empirical Evidence.” *Irrigation and Drainage*. 53:1-15.
- Hutton, G., and L. Haller. 2004. “Evaluation of the costs and benefits of water and sanitation improvements at the global level.” Geneva: World Health Organization.
- IFRI. 2001. *2020 Vision for Food, Agriculture, and the Environment.* Focus 6.
- Inocencio, A., H. Sally, and D.J. Merrey. 2003. *Innovative Approaches to Agricultural Water Use for Improving Food Security in Sub-Saharan Africa.* Colombo, Sri Lanka: International Water Management Institute.
- Inocencio, A., M. Kikuchi, D. Merrey, M. Tonasaki, A. Maruyama, I. de Jong, H. Sally and F. Penning de Vries. 2005. *Lessons from Irrigation Investment Experiences: Cost-reducing and Performance-enhancing Options for sub-Saharan Africa.* Final Report. International Water Management Institute.
- Inocencio, A.; M. Kikuchi; M. Tonosaki; A. Maruyama; D. Merrey; H. Rally; I. de Jong. 2007. *Costs and performance of irrigation projects: A comparison of sub-Saharan Africa and other developing regions.* IWMI Research Report 109. Colombo, Sri Lanka: International Water Management Institute.
- International Development Enterprise. 2005. *Progress Report of the MUS Project of IGB, Nepal sub-basin for the period October 2004 – May 2005.* Available at: <http://www.musproject.net/content/download/592/5444/file/Nepal%20MUS%20progress%206-14-05.pdf>
- International Development Enterprises. 2002. “Senapuk Multiple Use System in Nepal.” Lakewood Colorado: International Development Enterprises. Available at: <http://www.musproject.net/content/download/590/5438/file/IGB-Nepal-Senapuk%20MUS%20report.pdf>
- International Fund for Agricultural Development, DANIDA, and the World Bank. 2004. *Livestock Services for the Poor. A Global Initiative. Collecting, Coordinating and Sharing Experiences.* Rome: International Fund for Agricultural Development. Available at: <http://www.ifad.org/lrkm/book/english.pdf>
- International Livestock Research Institute. 1995. *Livestock Policy Analysis.* ILRI Training Manual 2. ILRI, Nairobi, Kenya. Available at: http://www.ilri.org/html/trainingMat/policy_X5547e/x5547e00.htm#Contents
- International Livestock Research Institute (ILRI) et. al. 2007. “Water and Livestock for Human Development”, in ‘Comprehensive Assessment of Water Management in Agriculture.’ In Comprehensive Assessment of Water Management in Agriculture. 2007. Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture. London: Earthscan, and Colombo: International Water Management Institute.
- International Water and Sanitation Centre (IRC). Undated. RiPPLE (Research-inspired Policy and Practice Learning in Ethiopia and the Nile Region) Project Documents. Department for International Development (DFID).

D.1 Bibliography



- International Water and Sanitation Centre (IRC). Undated. RiPPLE (Research-inspired Policy and Practice Learning in Ethiopia and the Nile Region) Project Documents. Department for International Development (DFID).
- International Water Management Institute (IWMI), IRC International Water and Sanitation Centre, the Technical Committee of the Global Water Partnership (GWP) and the GWP Advisory Center at IWMI. 2006. *Water Policy Briefing*. February 2006. Issue 18.
- Islam, S.M. Fakhurul and M.A. Jabbar. 2005. "Smallholder poultry model for poverty alleviation in Bangladesh: a review of evidence on impact." *Livestock Research for Rural Development*. 17(10).
- IWA. 2006. "IWA Statistics and Economics Specialist Group's European water regulation survey: survey results summary." *Water Utility Management International*. October 2006.
- James, A.J. 2003. "Linking Water Supply and Rural Enterprise: Issues and Illustrations from India." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- James, A.J., Joep Verhagen, Christine van Wijk, Reema Nanavaty, Mita Parikh and Mihir Bhatt. 2002. "Transforming time into money using water: A participatory study of economics and gender in rural India." *Natural Resources Forum*. 26: 205–217.
- Jensen, Peter K., Yutaka Matsuno, Wim van der Hoek, and Sandy Cairncross. 2001. "Limitations of irrigation water quality guidelines from a multiple use perspective." *Irrigation and Drainage Systems*. 15: 117-128.
- Johnson, Clare L. and John W. Handmer. 2003. "Coercive and Cooperative Policy Designs: Moving Beyond the Irrigation System." *Irrigation and Drainage*. 53:193-202.
- Joshi, Deepa. 2004. *Secure Water – Whither poverty? Livelihoods in the DRA Approaches: A case study of the Water Supply Programme in India*. London, UK: Overseas Development Institute.
- Karaita, Bernard, George Danso, and Pay Drechsel. 2003. "Urban Irrigation Methods and Practices in Ghana and Togo." *UA Magazine*.
- Kariuki, M. and Jordan Schwartz. 2005. *Small-scale private service providers of water supply and electricity: a review of incidence, structure, pricing, and operating characteristics*. World Bank Policy research working paper no.3727.
- Kassa, Habtemarian. 2000. "Livestock Production, Household Food Security and Sustainability in Smallholder Mixed Farms." Master Thesis. Uppsala, Sweden: Swedish University of Agricultural Sciences.
- Koppen, B. van, Smits, S. and P. Moriarty. (2008 forthcoming). *Climbing the ladder: developing multiple use services through an incremental approach at different institutional levels*. MUS Project
- Kulkarni, S A. 2007. "Volumetric Pricing of Irrigation Water in India: Experiences and Lessons Learned." New Delhi: International Commission on Irrigation and Drainage (ICID).
- Kumar, M Dinesh, Lokesh Singhal, and Pabitra Rath. 2004. "Value of Groundwater. Case Studies in Banaskantha." *Economic and Political Weekly*.
- Kuria, David et al. 2005. *Livelihoods and Gender in Sanitation, Hygiene Water Services among the Urban Poor*. Maili Saba Research Report. Practical Action (formerly ITDG).
- Lankan Rainwater Harvesting Forum. 1999. *Concept of Water Security Entailing Domestic Roof Water Harvesting*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D2. Sri Lanka.

D.1 Bibliography



- Lankan Rainwater Harvesting Forum. 2000. *Current Rural Water Security Practices with DRWH*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D3. Sri Lanka.
- Lankan Rainwater Harvesting Forum. 2001. *Domestic Roof Water Harvesting and Water Security in the Humid Tropics*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D5. Sri Lanka.
- Lantagne, Daniele S., Robert Quick, and Eric D. Mintz. "Household Water Treatment and Safe Storage Options in Developing Countries: A Review of Current Implementation Practices." Draft Paper commissioned the Navigating Peace Initiative, a project launched by the Woodrow Wilson International Center for Scholars' Environmental Change and Security Program and funded by the Carnegie Corporation of New York.
- Lefebvre, Marie, Sylvie Morardet, Marielle Montginou, Stefano Farolfi. 2005. "How to finance multiple use water systems for the rural poor? Lessons learnt from the domestic water sector in the Olifants River Basin, South Africa." Communication to the International Workshop "Water poverty and social crisis" Agadir, Morocco, 12th-15th December 2005
- Leloup, Suzanne. 2006. "Investing in Maintaining Mobility in Pastoral Systems of the Arid and Semi-Arid Regions of Sub-Saharan Africa." An ALive Policy Note. Rome: Pro-Poor Livestock Initiative of Food and Agriculture Organization of the United Nations.
- Lenton, Roberto and Albert Wright, 2004. Interim Report of Task Force 7 on Water and Sanitation. New York: United Nations.
- Li, Keke and Zhifang Xu. 2006. "Overview of Dujiangyan Irrigation Scheme of Ancient China with Current Theory." *Irrigation and Drainage*. 55:291-298.
- Li, Q., J.W. Gowing, and C. Mayilswami. 2005. "Multiple-use management in a large irrigation system: an assessment of technical constraints to integrating aquaculture within irrigation canals." *Irrigation and Drainage*. 54: 31–42.
- Littlefair, Kim. 1998. "Willingness to pay for water at the household level: individual financial responsibility for water consumption." MEWEREW Occasional Paper No. 26. London: SOAS.
- Lipton, M. J. Lichfield and J-M Faures. 2003. "The effects of irrigation on poverty." *Water Policy*. 5: 413-27.
- Livestock in Development. 1999. *Livestock in Poverty-Focused Development*. Crewkerne: Livestock in Development.
- Livestock, Environment and Development (LEAD) Initiative. 2007. *Livestock and Environment Toolbox*. Food and Agriculture Organisation of the United Nations (Date of Access: February 2007).
- Mahoo, H.F., F.B.R. Rwehumbiza, S. Demgard-Larsen, N. Hatibu, A. Kitalu and M. Kahabi. 2003. "Challenges and Benefits of Participatory Interventions in Rainwater Harvesting: Improvement of Chardo Dams in Tanzania." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Makoni, F., Smits, S., Shoshore, I. and M. Jonga. 2007. *Institutional learning about multiple use services in Zimbabwe; experiences of the Learning Alliance approach*. MUS Project. Available at: <http://www.musproject.net/page/908>
- Maltsoglou, Irini and Kiyoshi Taniguchi. 2004. *Poverty, Livestock and Household Typologies in Nepal*. Pro Poor Livestock Policy Initiative Working Paper No. 13. Rome: Food and Agriculture Organization.
- Maluleke, T., V. Thomas, T. Cousins, S. Smits, and P. Moriarty. 2005. "Securing water to enhance local livelihoods (SWELL): Community-based planning of multiple uses of water in partnership with service providers." Bushbuckridge, South Africa: AWARD, CARE, IRC, and MUS project. Available at: <http://www.musproject.net/content/download/549/4964/file/Case%20Study%20SWELL%20final.pdf>
- Marek, Tonia, Thierry Brun, and Jacqueline Reynaud. 1990. "Do home garden projects improve income and nutritional status? A case study in Senegal." *Food and Nutrition Bulletin*. 12(1), March 1990.
- Marg, Sachetan and Naya Baneshwor. 2004. "Process and impact study of the multiple-use (hybrid) gravity water supply schemes in Palpa and Syangja Districts of West Nepal." Katmandu: Eco-Tech Consult (P) Ltd. Nepal Smallholder Irrigation Market Initiative (SIMI). Available at: <http://www.musproject.net/content/download/591/5441/file/MUS%20EcoTech%20study%20Nepal%20r.pdf>
- Marsh, R. 1998. "Building on traditional gardening to improve household food security." In J.L. Albert, ed. 1998. *Food, Nutrition and Agriculture*. Rome: FAO Food and Nutrition Division.

D.1 Bibliography



- Mati, Bancy M. 2005. *Enterprise Budget and Investment Study of Livestock under Irrigated Systems in Kenya*. Working Paper 2. International Livestock Research Institute.
- Matthew, Brian. 2003. "The Ownership and Management of Productive Water Point Gardens in a Time of Drought, Zimbabwe." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Maunder, EMW and JL Meaker. 2007. "The current and potential contribution of home-grown vegetables to diets in South Africa." *Water SA*. 33(3), Special Edition.
- McClanahan, T.R., E. Verheij, and J. Maina. 2006. "Comparing the Management Effectiveness of a Marine Park and a Multiple-Use Collaborative Fisheries Management Area in East Africa." *Aquatic Conservation: Marine and Freshwater Ecosystems*. 16:147-165.
- Mckenzie, R.S., H. Lombard, G. Constantinedes, N. Meyer, and N. Adams. 2003. "Evaluation of the Water Supply Situation in the Western Highveld Area, South Africa." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Mearns, Robin. 1999. "Access to Land in Rural India. Policy Issues and Options." Policy Research Working Paper Series 2123, The World Bank.
- Mehta M., T. Fugelsnes and K. Virjee. 2005. *Financing the MDGs for Water and Sanitation: What Will It Take?* Water and Sanitation Programme (WSP)
- Meinzen-Dick, R.S. and M. Bakker. 1999. "Irrigation systems as multiple use commons: Water use in Kirindi Oya, Sri Lanka." *Agriculture and Human Values*. 16(3): 281-293.
- Meinzen-Dick, Ruth and Margeretha Bakker. 2001. "Water rights and multiple water uses." *Irrigation and Drainage Systems*. 15: 129-148.
- Meinzen-Dick, Ruth and Wim van der Hoek. 2001. "Multiple uses of water in irrigated areas." *Irrigation and Drainage Systems*. 15: 93-98.
- Mekala, Gayathri Devi, Stephanie Buechler, and Narayana Peesapaty. 2004. "Engendering Agricultural Research: A Case Study of Hyderabad City, India." International Water Management Institute.
- Merrey, D. et al. 2006. "Policy and Institutional Reform: The Art of the Possible." In Comprehensive Assessment of Water Management in Agriculture. 2007. *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan, and Colombo: International Water Management Institute.
- Merrey, D. J., P. Drechsel, F.W.T. Penning de Vries, & H. Sally. 2003. "Integrating 'livelihoods' into integrated water resources management: taking the integration paradigm to its logical next step for developing countries." International Water Management Institute (IWMI), Africa Regional Office. Available from <http://www.sarpn.org.za/documents/d0000575/index.php>
- Mikhail, M. 2007. *Lessons from the Multiple-use Water Systems Learning Alliance Experience in the Indian state of Maharashtra*. MUS Project
- Mikhail, M. 2007. *Lessons from the Multiple-Use Water Systems Learning Alliance Experience in Nepal*. MUS Project
- Mizutani, Fumi, Elizabeth Muthani, Patti Kristjanson, and Helga Recke. 2005. "Impact and Value of Wildlife in Pastoral Livestock Production Systems in Kenya: Possibilities for Healthy Ecosystem Conservation and Livestock Development for the Poor." In Osofsky, Steven, et al (Eds). *Conservation and Development Interventions at the Wildlife/Livestock Interface. Implications for Wildlife, Livestock, and Human Health*. Gland, Switzerland and Cambridge, UK: IUCN The World Conservation Union.

D.1 Bibliography



- Mokgope, L. and J. Butterworth. 2002. "Rural water supply and productive uses: a rapid survey in the Sand river catchment." Chatham, UK: WHIRL Project Working paper 4, NRI.
- Molden, David. 1997. *Accounting for water use and productivity*. SWIM Paper 1. Colombo, Sri Lanka: International Irrigation Management Institute. Available at: <http://unstats.un.org/unsd/envAccounting/ceea/Plmeetings/AC-116-10.pdf>
- Molle, F. and M. Renwick. 2005. *Economics and politics and of water resources development: Uda Walawe Irrigation Project, Sri Lanka*. Research Report 87. Colombo, Sri Lanka: International Water Management Institute (IWMI).
- Moriarty, Patrick and John Butterworth. 2003. "Water Poverty and Productive uses of Water at the Household Level." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Moriarty, Patrick; John Butterworth, Barbara van Koppen. 2004. *Beyond Domestic: Case Studies on Poverty and Productive Uses of Water at the Household Level*. Technical Paper Series, No. 4. Delft, The Netherlands: IRC International Water and Sanitation Centre.
- Moriarty, Patrick. 2004. "Productive Uses of Water: Summary of Theme 2: What are the Lesson Learned?" Prodwat. Available at: <http://www.prodwat.watsan.net/page/346>
- Moriarty, Patrick and John Butterworth. 2003. *The productive use of domestic water supplies*. IRC International Water and Sanitation Center.
- Morgan, Peter. 2005. Ecological Sanitation in Southern Africa: Many approaches to a varied need. 3rd International Conference on Ecological Sanitation. 23 - 26 May 2005, Durban, South Africa
- Mulwafu, Wapulumuku O. 2003. "The Use of Domestic Water Supplies for Productive Purposes in the Lake Chilwa Catchment Area in Southern Malawi." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Murimiradzomba, Nigel. "Case Study on Multiple Use of Water in Zimbabwe. Household Economic Security: The Case of Drip Kit Micro Irrigation Project." Plan Zimbabwe.
- MUS Project. 2006. "Colombia- Multiple uses of water in the micro-catchment of La Palmas-Tres Puertes, Valle del Cauca." Available at: <http://www.musproject.net/page/1096>
- MUS Project. 2006. "Colombia- Multiple uses of water in the micro-catchment of Cajamarca, Valle del Cauca." Available at: <http://www.musproject.net/page/1095>
- MUS Project. 2005. "Quindio, Colombia." Available at: <http://www.prodwat.watsan.net/page/532>
- Mwami, James. 2003. "Rainwater Harvesting for Survival and Development, Uganda." IN Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Nazim, Ali. 2002. "Economic and Institutional Issues of Wastewater Use in Faisalabad, Pakistan." *UA Magazine*.
- Negussie, Amsalu. 2006. *Program Visit to Plan Zimbabwe. Part II*. Plan International.
- New York Times. 2007. "Gaping reminders of ageing and crumbling pipes." Feb 8th 2007.

D.1 Bibliography



- Nguyen-Khoa, S.; Smith, L., Lorenzen, K. 2005. "Impacts of irrigation on Inland Fisheries: Appraisals in Laos and Sri Lanka." Comprehensive Assessment Research Report 7. Colombo, Sri Lanka: Comprehensive Assessment Secretariat. Available at: http://www.iwmi.cgiar.org/Assessment/files_new/publications/CA%20Research%20Reports/CA-RR7_final.pdf
- Nguyen-Khoa, S. and L.E.D. Smith. 2004. "Irrigation and Fisheries: Irreconcilable Conflicts of Potential Synergies?" *Irrigation and Drainage*. 53:415-427.
- Noel, S, Hoang, P. and Soussan, J. 2007. "The Impact of Domestic Water Supply on Small-scale Household-based Enterprises: Preliminary Evidence from Rural Vietnam." Unpublished. Stockholm Environment Institute.
- Norden, Henk van. 2006. "The global costs of school hygiene, sanitation, and water – an urgent need for information." In School Sanitation and Hygiene Education (SSHE) Notes and News. January 2006. IRC and UNICEF.
- Nugent, Rachel. 2000. "The Impact of Urban Agriculture on the Household and Local Economies." In Bakker et al. (Eds). *Growing Cities, Growing Food*. Feldafing: DSE.
- Oyo, Anthony. 2006. "Spare Part Supplies for Handpumps in Africa. Success Factors for Sustainability." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note.
- Palanisami K. and Ruth Meinzen-Dick. 2001 "Tank performance and multiple uses in Tamil Nadu, South India." *Irrigation and Drainage Systems*. 15: 173-195.
- Pallas, P. 1985. *Water for Animals*. Rome: Food and Agriculture Organization (FAO). Available at: <http://www.fao.org/docrep/R7488E/R7488E00.htm>
- Pant, Dhruva, Kamal Raj Gautam and Sabita Dhakhwa Shakya. 2005. *Assessment of Multiple Use Schemes (MUS) Implemented under Smallholder Irrigation Market Initiative (SIMI)*. International Water Management Institute and Sama Bikas Abhiyan.
- Patil, B.R. 2006. "Dynamics of livestock development in Gujarat, India: Experiences of an Indian NGO." PhD Thesis. The Netherlands: Wageningen University.
- Peden, D., A. Freeman, A. Astake, and A. Notenbaert. 2006. *Investment options for integrated water-livestock crop production in sub-Saharan Africa*. Working Paper 1. Nairobi, Kenya: International Livestock Research Institute and International Water Management Institute.
- Peden, D., Girma Tadesse and A.K. Misra. 2006. "Water and livestock for human development." In Comprehensive Assessment of Water Management in Agriculture. 2007. *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan, and Colombo: International Water Management Institute.
- Peden, D., Girma Tadesse, and Mulugeta Mammo. 2003. "Improving the water productivity of livestock: An opportunity for poverty reduction." Addis Ababa: International Livestock Research Institute.
- Perez, Mario, Stef Smits, Alberto Benavides, and Silena Vargas. 2003. "A Participatory Appraisal of the Water Situation in a Colombian Microcatchment." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Perez de Mendiguren, J.C. 2003. "Productive Uses of Water at the Household Level: Evidence from Bushbuckridge, South Africa." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.



- Perez de Mendiguren, J.C. and M. Mabalane. 2001. *Economics of productive uses for domestic water in rural areas*. Acornhoek, RSA (AWARD Research Report).
- Plan International. 2007. "Haffir Water for Multiple Uses." Plan International
- Plan International. 2007. "Multiple Use of Water – Experience of Plan Ethiopia." Plan International.
- Plan International. 2007. "Multiple Uses of Water Interventions supported by Plan International Inc, Kenya." Plan International.
- Plan International. 2007. "Multiple Use of Water – Plan Zambia Experience." Plan International.
- Plan International. 2007. "Multiple Use of Water – Plan Zimbabwe's Experience." Plan International.
- Polak, Paul, Deepak Adhikari, Bob Nanes, Dan Salter and Sudarshan Surywanshi. 2003. "Transforming Rural Water Access into Profitable Business Opportunities." IN Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Productive Uses of Water (Prodwat). 2005. "Cape Verde." Prodwat. Available at: <http://www.prodwat/watsan.net/page/529>
- Productive Uses of Water (Prodwat). 2005. "Institutional Constraints for Multiple Use of Water in Bulgaria." Available at: <http://www.prodwat.watsan.net/page/564>
- Productive Uses of Water (Prodwat). 2005. "Putting Rainwater to Maximum Use in Jos, Nigeria." Prodwat. Available at: <http://www.prodwat/watsan.net/page/566>
- Proudford, David. 2003. "Tackling the Roots of Poverty: Changing a NGOs WATSAN Programme to Meet Productive Water Needs, Zimbabwe." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Quiroz, F., Bustamante, R. and G. Heredia. 2007. *Análisis institucional: Agua Potable y Riego en Bolivia*. MUS Project.
- Radney. 2006. "Livelihood Choices and Returns where Pastoralists and Wildlife Mix: Evidence from Kenya" Unpublished. International Livestock Research Institute.
- Ravnborg, H. and Munir A. Hanjra, Laurence Smith, and Maliha H. Hussein, 2007. "Reversing the flow: agricultural water management pathways for poverty reduction." In Comprehensive Assessment of Water Management in Agriculture. 2007. Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture. London: Earthscan, and Colombo: International Water Management Institute.
- Redhouse, David, Paul Roberts and Rehema Tukai. 2004. "Everyone's a Winner? Economic Valuation of Water Projects." London: Water Aid. Available at: http://www.givewater.org/documents/plugin_documents/everyonesawinnerindia.pdf
- Renwick, Mary. 2001 "Valuing water in a multiple-use system." *Irrigation and Drainage Systems*. 15: 149-171.
- "Responding to Poverty. Promoting Productive Uses of Water at the Household Level." 2003. Statement from a symposium held in Johannesburg, South Africa, 21-23 January 2003. Natural Resource Institute, IRC, IWMI.
- Roberts, Michael. 2004. "Microirrigation for Income Generation in Asia." *Water and Poverty: The Realities.. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: <http://www.adb.org/Documents/Books/Water for All Series/Water Poverty Realities/Microirrigation.pdf>

D.1 Bibliography



- Robinson, Peter B. 2003. "Changing the Water Paradigm for Poverty Reduction, Zimbabwe." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Robinson, P., B. Mathew and D. Proudfoot. 2004. "Productive water strategies for poverty reduction in Zimbabwe." In: Moriarty, P., Butterworth, J. and B. van Koppen. 2004. *Beyond domestic: case studies on poverty and productive use of water at the household level*. Delft, the Netherlands, IRC International Water and Sanitation Centre.
- Robinson, A.J. 2005. *Scaling-up rural sanitation in South Asia: lessons learned from Bangladesh, India, and Pakistan*. New Delhi, India: Water and Sanitation Program-South Asia.
- Rockström J. 2000. "Water Resources Management in Smallholder Farms in Eastern and Southern Africa: An Overview." *Physical Chemistry Earth*. 25(3): 275-283.
- Rockström J. 2005. Sustainable pathways to attain the Millennium Development Goals. Assessing the role of water, energy and sanitation. Stockholm Environment Institute.
- Rushton, J. and S.N. Ngongi. 1998. "Poultry, women and development: old ideas, new applications and the need for more research." In B.S. Hursey (Ed). *World Animal Review 91*. Food and Agriculture Organization. Available at: <http://www.fao.org/docrep/W9980T/w9980T07.htm#TopOfPage>
- SecureWater. 2005. *Livelihoods and Gender in Sanitation, Hygiene & Water Services among the Urban Poor*. Maili Saba Research Report, March 2005.
- Sere, Carlos and Henning Steinfeld. 1996. *World Livestock Production Systems. Current status, issues and trends*. FAO Animal Production and Health Paper. Rome: Food and Agriculture Organization of the United Nations
- Shah, Tushaar, Alam, M., Dinesh Kumar, M., Nagar, R.K., Singh, Mahendra. 2000. *Pedaling out of Poverty: Social Impact on a Manual Irrigation Technology in South Asia*. Research Report 45. Colombo: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/Pub045/Report45.pdf>
- Shah, Tushaar, Barbara van Koppen, Douglas Merrey, Marna de Lange and Madar Samad. 2002. *Institutional Alternatives in African Smallholder Irrigation: Lessons from International Experience with Irrigation Management Transfer*. Research Report 60. Colombo, Sri Lanka: International Water Management Institute.
- Shackleton, Sheona, Charlie Shackleton and Ben Cousins. 2000. "Re-evaluating the Communal lands of Southern Africa: New Understandings of Rural Livelihoods." *Natural Resources Perspectives*. Number 62, November 2000. Overseas Development Institute.
- Sharma, Sudhirendar. 2002. "Rainwater harvesting has yet to protect India from drought." *Water Lines*. 21(4). April 2002.
- Sijbesma, Christine. 2006. "Where softness matters most: Scaling up dry toilet programmes in developing countries." IRC International Water and Sanitation Centre. Prepared for 2nd International Dry Toilet Conference. 16-19 August 2006. Tampere, Finland.
- Singh, B., R. Ramasubban, R. Bhatia, J. Briscoe, C. C. Griffin, and C. Kim. 1993. "Rural Water Supply in Kerala, India: How to Emerge from a Low-Level Equilibrium Trap." *Water Resources Research*. 29 (7): 1931-42.
- Smets, Henri. 2004 (revised edition). *The Cost of meeting the Johannesburg targets for drinking water: a review of various estimates and a discussion of the feasibility of burden sharing*. French Water Academy.



- Sonder, Kai, Abiye Astatke, Ahmed El Wakeel, David Molden, and Don Peden. 2004. "Strategies for increasing livestock water productivity in water stressed agricultural systems." Available at: <http://www.knowledgebank.irri.org/theme1/pdfs/livestock.pdf>
- Sonaiya, E. B. 2007. "Family poultry, food security and the impact of HPAI." *World's Poultry Science Journal*. 63. March 2007.
- Soussan, John. 2003. "Poverty, Water Security and Household Use of Water." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Soussan, J., S. Pollard, J.C. Perez de Mendiguren, and J. Butterworth. 2002. "Allocating water for home-based productive activities in Bushbuckridge, South Africa." *Water and Poverty: The Realities. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: http://www.adb.org/Documents/Books/Water_for_All_Series/Water_Poverty_Realities/Allocating_Water.pdf
- Stockholm International Water Institute (SIWI). 2005. *Making Water a Part of Economic Development: The Economic Benefits of Improved Water Management and Services*. Stockholm
- Swiss Agency for Development and Cooperation. 2000. *Livestock and Gender: A Winning Pair*. Working Paper. Bern: Swiss Agency for Development and Cooperation.
- Taddese, Girma and Don Peden. 2005. "Effective Management of Water and Livestock Resources for Community Based Irrigation in Ethiopia." Addis Ababa, Ethiopia: International Livestock Research Institute.
- Tawonezi, D. and K. Mudima. 2002. "Socio-Economic Impact of Smallholder Irrigation Development in Zimbabwe." Harare, Zimbabwe: Food and Agriculture Organization of the United Nations. Available from <http://www.fao.org/docrep/x5594e/x5594e00.htm>
- The Guardian. 2007. "2 Killed in Guatemala City Sinkhole." Feb. 24th, 2007.
- The World Vegetable Center (AVRDC). 2001. "Project 6. Economic and human nutritional impacts from enhances peri-urban vegetable production." In *AVRDC Report 2000*. Shanhua, Tainan, Taiwan: Asian Vegetable Research and Development Center.
- Thenkabail, P.S., Biradar, C.M., Turrall, H., Noojipady, P., Li, Y.J., Vithanage, J., Dheeravath, V., Velpuri, M., Schull, M., Cai, X. L., Dutta, R. 2006. An Irrigated Area Map of the World (1999) Derived from Remote Sensing. IWMI Research Report (also see: <http://www.iwmigiam.org>). International Water Management Institute, Colombo, Sri Lanka. Pp. 74.
- Thomas-Slayer B. and Bhatt N. 1994. "Land, livestock, and livelihoods: Changing dynamics of gender, caste, and ethnicity in a Nepalese village." *Human Ecology*. 22(4):467-494.
- Thompson, John, Ina T Porras, James K Tumwine, Mark R Mujwahuzi, Munguti Katui-Katua,
- Nick Johnstone and Libby Wood. 2001. *Drawers of Water II – 30 Years of Change in Domestic Water Use and Environmental Health in East Africa*. Nottingham: International Institute for Environment and Development.
- Thornton, P.K., R.L. Kruska, N. Henninger, P.M. Kristjanson, R.S. Reid, F. Atieno, A.N. Odero and T. Ndegwa. 2002. *Mapping Poverty and Livestock in the Developing World*. A report commissioned by the UK Department for International Development, on behalf of the Inter-Agency Group of Donors Supporting Research on Livestock Production and Health in the Developing World. Nairobi: International Livestock Research Institute. Available at: <http://www.ilri.org/InfoServ/Webpub/fulldocs/mappingPLDW/index.htm>
- UN Millennium Project. 2004. Millennium Development Goals Needs Assessments for Ghana, Tanzania, and Uganda. Background paper to Sachs, Jeffrey D., John W. McArthur, Guido Schmidt-Traub, Margaret Kruk, Chandrika Bahadur, Michael Faye, and Gordon McCord. 2004. "Ending Africa's Poverty Trap" Brookings Papers on Economic Activity. No. 2: 117-216.

D.1 Bibliography



- UN Millennium Project. 2004b. Millennium Development Goals Needs Assessments Country Case Studies of Bangladesh, Cambodia, Ghana, Tanzania and Uganda. Working Paper.
- UN Millennium Project. 2005. Health, dignity and development: what will it take?. Task Force on Water and Sanitation. United Nations Development Program.
- UNEP. 2004. Financing wastewater collection and treatment in relation to the Millennium Development Goals and World Summit on Sustainable Development targets on water and sanitation. Nairobi, Kenya, UNEP (United Nations Environment Programme).
- Upadhyay, Bhawana. 2004. *Gender Roles and Multiple Uses of Water in North Gujarat*. Working Paper 70. Colombo, Sri Lanka: International Water Management Institute (IWMI).
- URS Sustainable Development, Kellogg Brown & Root, and World Wide Project Management Services. 2004. *Quang Ngai Rural Development Program Phase II – Home Gardens Report*. Hanoi: AusAID.
- Van Averbeke, W. and T.B. Khosa. 2007. "The Contribution of small-holder agriculture to the nutrition of rural households in a semi-arid environment in South Africa." *Water SA*. 33(3). Special Edition.
- Van der Hoek, W., et al. 2002a. "Irrigation, Domestic Water Supply and Human Health. In Water and Development: Some selected aspects." In Marquette, CM, and S. Pettersen S (Eds). UNESCO Encyclopedia of Life Support Systems (EOLSS).Oxford, UK.
- Van der Hoek, W., et al. 2002b. "Availability of Irrigation Water for Domestic Use in Pakistan: Its Impact on Prevalence of Diarrhoea and Nutritional Status of Children." *Journal of Health, Population, and Nutrition*, 1: 77-84.
- Van der Hoek, W., F. Konradsen, Joroen H. J. Ensink, Muhamma Mudasser, and Peter K. Jensen. 2001. "Irrigation water as a source of drinking water: is safe use possible?" *Tropical Medicine and International Health*. 6(1): 46-54.
- Van der Hoek, W., F. Konradsen and Waqar A. Jehangir. 1999. "Domestic Use of Irrigation Water: Health Hazard or Opportunity?" *Water Resources Development*. 15(1-2): 107-119.
- Van Hove, Esther and Barbara van Koppen. 2005. "Beyond fetching water for livestock: a gendered sustainable livelihood framework to assess livestock-water productivity." International Livestock Research Institute (ILRI) and International Water Management Institute (IWMI).
- Van Koppen, Barbara, Patrick Moriarty, and Eline Boelee. 2006. *Multiple-Use Water Services to Advance the Millennium Development Goals*. Research Report 98. Colombo, Sri Lanka: International Water Management Institute.
- Verhagen, Joep, A.J. James, Christine van Wijk, Reema Nanavatty, Mita Parikh, Mihir Bhatt. 2004. *Linking Water Supply and Poverty Alleviation The impact of women's productive use of water and time on household economy and gender relations in Banaskantha District, Gujarat, India*. Delft: IRC International Water and Sanitation Centre.
- Versfeld, Dirk. 2003. "Water for Livelihoods: Brining Equity and Opportunity to the Rural Poor in South Africa." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Virjee, K. 2005 (work in progress). Unit costs for Kenya. WSP Nairobi.
- Virjee, K., 2006. *The willingness to pay for change: The use of contingent valuation and choice experiments in the Trinidad and Tobago water services sector*. Unpublished PhD Thesis.

D.1 Bibliography



- Waughray, D.K., C.J. Lovell, and E. Mazhangara. 1998. "Developing Basement Aquifers to Generate Economic Benefits: A Case Study from Southeast Zimbabwe." *World Development*. 26(10): 1903-1912.
- Water Aid. 2001. *Looking back: The long-term impacts of water and sanitation projects*. London.
- Water Aid Nepal. 2004. *The Water and Sanitation Millennium Development Targets in Nepal: What do they mean? What will they cost? Can Nepal meet them?* Kathmandu, Nepal, WaterAid Nepal.
- Water Lines*. 2006. 25(1), July 2006.
- Water Supply and Sanitation Collaborative Council (WSSCC). 2000. *Vision 21: Water for People – A Shared Vision for Hygiene, Water Supply and Sanitation and a Framework for Action*. WSSC, Geneva.
- Winpenny, James. 2003. *Financing Water for All*. Report of the World Panel on Financing Water Infrastructure.
- Winrock International and International Development Enterprises. 2007a. "MUS Projects in the Indus-Gangetic Basin. Kharo Kola Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007b. "MUS Projects in the Indus-Gangetic Basin. Lessons and Conclusions Drawn from the IDE/Winrock Experience in Nepal." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007c. "MUS Projects in the Indus-Gangetic Basin. Senapuk Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007d. "MUS Projects in the Indus-Gangetic Basin. The Nepal Experience." Winrock International and International Development Enterprises.
- Whittington, D. 2002. "Municipal water pricing and tariff design: a reform agenda for South Asia." *Water Policy*. 5(2003): 61-76.
- Whittington, Dale, John Briscoe, Xinming Mu, and William Barron. 1990. "Estimating the Willingness to Pay for Water Services in Developing Countries: A Case Study of the Use of Contingent Valuation Surveys in Southern Haiti." *Economic Development and Cultural Change*. The University of Chicago.
- World Bank. Nd. "ICP and use of Purchasing Power Parities (PPPs)." Available at: http://siteresources.worldbank.org/ICPINT/60002180-1131639122748/20718280/11=11_PPPs_reordered.pdf
- World Bank. 2005. *World Development Indicators 2005*. Available at: <http://web.worldbank.org/WBSITE/EXTERNAL/DATASTATISTICS/0,,contentMDK:20523710~hIPK:1365919~menuPK:64133159~pagePK:64133150~piPK:64133175~theSitePK:239419,00.html>
- World Bank. 2006. *World Development Indicators 2006*. Available at: http://devdata.worldbank.org/wdi2006/contents/Table4_14.htm
- World Health Organization (WHO). "WHO World Health Survey." Available at: www.who.int/research/en
- World Health Organization (WHO) and United Nations' Children's Fund (UNICEF). "Joint Monitoring Programme for Water Supply and Sanitation database." Available at: <http://www.wssinfo.org/en/watquery.html>
- World Health Organization (WHO) and United Nations' Children's Fund (UNICEF). 2000. *Global Water Supply and Sanitation Assessment Report 2000*. Geneva: WHO.
- World Resources Institute (WRI). 2005. *World Resources 2005 -- The Wealth of the Poor: Managing Ecosystems to Fight Poverty*. United Nations Development Programme, United Nations Environment Programme, The World Bank, World Resources Institute.

D.1 Bibliography



Working Group on Gardens – Zimbabwe. 2005. *Review of Garden Based Production Activities for Food Security in Zimbabwe*. Food and Agriculture Organization (FAO).

WSP. 2004. *Self Supply: A Fresh Approach to Water for Rural Populations*. Field Note.

WSP. 2007. *Mobilizing Market Finance for Water Utilities in Africa Practitioners' Workshop*, Pretoria, South Africa, August 7-9, 2006.

Yang, Jui-Chen, Subhrendu K. Pattanayak, F. Reed Jonson, Carol Mansfield, Caroline van den Berg, and Kelly Jones. 2006. "Unpackaging Demand for Water Service Quality: Evidence from Conjoint Surveys in Sri Lanka." World Bank Policy Research Working Paper 3817. Washington, DC: World Bank.

Yoder, Robert. 1981. "Non-Agricultural Uses of Irrigation Systems: Past Experience and Implications for Planning and Design." The Agricultural Development Council.

Zuin, Valentina. 2005. "Productive use of domestic water: a review of the existing literature." The World Bank.



The Smallholder Irrigation Market Initiative (SIMI), Nepal:

- DeBoer, John. 2007. "Study on Costs and Benefits of Multiple Use Services in Nepal." Winrock International.
- Marg, Sachetan and Naya Baneshwor. 2004. "Process and impact study of the multiple-use (hybrid) gravity water supply schemes in Palpa and Syangja Districts of West Nepal." Katmandu: Eco-Tech Consult (P) Ltd. Nepal Smallholder Irrigation Market Initiative (SIMI). Available at: <http://www.musproject.net/content/download/591/5441/file/MUS%20EcoTech%20study%20Nepal%20r.pdf>
- Pant, Dhruva, Kamal Raj Gautam and Sabita Dhakhwa Shakya. 2005. *Assessment of Multiple Use Schemes (MUS) Implemented under Smallholder Irrigation Market Initiative (SIMI)*. International Water Management Institute and Sama Bikas Abhiyan.
- Winrock International and International Development Enterprises. 2007a. "MUS Projects in the Indus-Gangetic Basin. Kharo Kola Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007b. "MUS Projects in the Indus-Gangetic Basin. Lessons and Conclusions Drawn from the IDE/Winrock Experience in Nepal." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007c. "MUS Projects in the Indus-Gangetic Basin. Senapuk Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007d. "MUS Projects in the Indus-Gangetic Basin. The Nepal Experience." Winrock International and International Development Enterprises.

Masvingo, Zimbabwe:

- Waughray, D.K., C.J. Lovell, and E. Mazhangara. 1998. "Developing Basement Aquifers to Generate Economic Benefits: A Case Study from Southeast Zimbabwe." *World Development*. 26, 10: 1903-1912

Bikita, Zimbabwe:

- Matthew, Brian. 2003. "The Ownership and Management of Productive Water Point Gardens in a Time of Drought, Zimbabwe." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.

Tamil Nadu, India:

- Palanisami K. and Ruth Meinzen-Dick. 2001 "Tank performance and multiple uses in Tamil Nadu, South India." *Irrigation and Drainage Systems*. 15: 173-195.

Bushbuckridge, South Africa:

- Perez de Mendiguren, Juan Carlos. 2003. "Productive Uses of Water at the Household Level: Evidence from Bushbuckridge, South Africa." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Perez de Mendiguren, J.C. and M. Mabalane. 2001. *Economics of productive uses for domestic water in rural areas*. Acornhoek, RSA (AWARD Research Report).
- Soussan, J., S. Pollard, J.C. Perez de Mendiguren, and J. Butterworth. 2002. "Allocating water for home-based productive activities in Bushbuckridge, South Africa." *Water and Poverty: The Realities. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: http://www.adb.org/Documents/Books/Water_for_All_Series/Water_Poverty_Realities/Allocating_Water.pdf

D.2 Bibliography—Case Studies



Gujarat, India:

- Upadhyay, Bhawana. 2004. *Gender Roles and Multiple Uses of Water in North Gujarat*. Working Paper 70. Colombo, Sri Lanka: International Water Management Institute (IWMI).

Thide, Mauritania:

- Bingham, Rachel. 2007. "Multiple Use Services: Meeting the Productive and Domestic Water Needs of the Rural Poor." Masters Thesis, Tufts University. May 2007.

Nicaragua:

- Alberts, J.H. and J.J. van der Zee. 2003. "A Multisectoral Approach to Sustainable Rural Water Supply: The Role of the Rope Handpump in Nicaragua." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.

Vietnam:

- Noel, S, Hoang, P. and Soussan, J. 2007. "The Impact of Domestic Water Supply on Small-scale Household-based Enterprises: Preliminary Evidence from Rural Vietnam." Unpublished. Stockholm Environment Institute.

Central and Northeast Morocco:

- Boelee, E. 2006. "Multiple Uses of Irrigation systems," Power Point Presentation for *Policies and Management for Multiple Uses of Water*, Winrock International, Arlington, VA. May 26, 2006.
- Boelee, Eline and Hammour Laamrani. 2003. "Multiple Use of Irrigation Water in Northern Morocco." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.

Punjab, Pakistan:

- Boelee, E. 2006. "Multiple Uses of Irrigation systems," Power Point Presentation for *Policies and Management for Multiple Uses of Water*, Winrock International, Arlington, VA. May 26, 2006.

Sri Lanka (Uda Walawe):

- Boelee, E. 2006. "Multiple Uses of Irrigation systems," Power Point Presentation for *Policies and Management for Multiple Uses of Water*, Winrock International, Arlington, VA. May 26, 2006.
- Molle, F. and M. Renwick. 2005. *Economics and politics and of water resources development: Uda Walawe Irrigation Project, Sri Lanka*. Research Report 87. Colombo, Sri Lanka: International Water Management Institute (IWMI).

D.3 Bibliography– Databases



Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Urban Extent. Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.

Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Gridded Population of the World, GRUMP (alpha). Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.

Demographics and Health Surveys (DHS). “Measure DHS.” Available at: <http://www.measuredhs.com/>

Food and Agriculture Organization of the United Nations (FAO). “Aquastat” database. Available at: <http://www.fao.org/ag/AGL/aglw/aquastat/investment/index.stm>

Thenkabail, P.S., Biradar, C.M., Turrall, H., Noojipady, P., Li, Y.J., Vithanage, J., Dheeravath, V., Velpuri, M., Schull, M., Cai, X. L., Dutta, R., 2006a. An Irrigated Area Map of the World (1999) Derived from Remote Sensing. IWMI Research Report (also see: <http://www.iwmi.org>). International Water Management Institute, Colombo, Sri Lanka. Pp. 74.

World Health Organization (WHO). “WHO World Health Survey.” Available at: www.who.int/research/en

World Health Organization (WHO) and United Nations’ Children’s Fund (UNICEF). “Joint Monitoring Programme for Water Supply and Sanitation database.” Available at: <http://www.wssinfo.org/en/watquery.html>

- Abrams L, I Palmer and T Hart, (2001), Sustainability Management Guidelines, Sustainability Management Guidelines for Water Supply in Developing Communities, Prepared for Department of Water Affairs and Forestry, South Africa© 2000/1 Water Policy International Ltd.
- Adams, Richard H. 1996. *Livestock Income, Male/Female Animals, and Inequality in Rural Pakistan*. Discussion Paper No. 21. Washington, DC: International Food and Policy Research Institute.
- Adams, W.M. 1990. "How beautiful is small? Scale, control, and success in Kenyan irrigation." *World Development*. 18(10), 1309-1323.
- Adams, W M, T. Potkanski, and J.E.G Sutton. 1994. "Indigenous farmer-managed irrigation in Sonjo, Tanzania." *The Geographical Journal*. 160(1). March 1994
- Adank, Marieke. 2006. "Linking multiple use services and self supply principles." Delft: IRC International Water and Sanitation Centre.
- Adank, Marieke. 2006. "Multiple use services (MUS) and self supply for Water." Power Point Presentation at the 5th Rural Water Supply Network Forum, November 2006. MUS Group. IRC International Water and Sanitation Centre.
- Alam, Jahangir. 1997. "Impact of Smallholder Livestock Development Project in Some Selected Areas of Rural Bangladesh." *Livestock for Rural Development*. 9(3).
- Alberts, J.H. and J.J. van der Zee. 2003. "A Multisectoral Approach to Sustainable Rural Water Supply: The Role of the Rope Hand pump in Nicaragua." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Altaj, Anjum, Haroon Jamal, and Dale Whittington. 1992. *Willingness to pay for water in Rural Punjab, Pakistan*. Washington, DC: United Nations Development Program and the World Bank Water and Sanitation Program.
- Aredo, Dejene, Don Peden and Girma Taddese. 2005. *Gender, Irrigation and Livestock: Exploring the Nexus*. Policy Briefing. Addis Ababa: International Livestock Research Institute.
- Asian Development Bank. 2003. *Water and Poverty – A Collection of Case Studies. Experiences from the Field*. Water for All. Working Document, Water and Poverty Initiative (WPI) for the 3rd World Water Forum held in Kyoto, Shiga, and Osaka, Japan, 16-23 March 2003.
- Associates in Rural Development (ARD). 2004. *Drilling Cost Survey*. Report prepared for the West Africa Water Initiative (WAWI) Project.
- Awulachew, S.B. and Douglas Merrey. 2006. "Assessment of Small Scale Irrigation and Water Harvesting in Ethiopian Agricultural Development." In: *Agricultural Water Management: A critical Factor in Reduction of Poverty and Hunger*. Proceedings of the 2nd Regional Workshop on Agricultural Water Management in Eastern and Southern Africa, 18-22 Sep 2006- Maputo, Mozambique.
- Ayalneh, Wagnew, Abiye Astatke, K. Sonder, R. Puskur, D. Peden and Girma Taddese. 2005. "Livestock water productivity of four community-based small-scale irrigation schemes in the Upper Awash River Basin of Ethiopia." In D. Peden, Girma Taddese and Tesfaye Jemaneh. (Eds). 2005. *Community-based irrigation management in Ethiopia: Strategies to enhance human health, livestock and crop production, and natural resource management*. Proceedings of a workshop organized by EARO/MU/IWMI/ILRI held at ILRI, Addis Ababa, Ethiopia, 14–16 March 2005. EARO (Ethiopian Agricultural Research Organization), Addis Ababa, Ethiopia; MU (Mekele University), Mekelle, Ethiopia; IWMI (International Water Management Institute), Colombo, Sri Lanka; and ILRI (International Livestock Research Institute), Nairobi, Kenya.
- Bakker, M., R. Barker, R. Meinzen-Dick, F. Konradsen, eds. 1999. "Multiple uses of water in irrigated areas: A case study from Sri Lanka." SWIM Paper 8. Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/SWIM/Swim08.pdf>
- Bakker, Margaretha, and Yutaka Matsuno. 2001. "A framework for valuing ecological services of irrigation water." *Irrigation and Drainage Systems*. 15: 99-115.
- Balde, D. 2006. "Projet de Réduction de la Pauvreté en Milieu Rural (PRPMR)." In: *Does poultry reduce poverty and assure food security? – A need for rethinking the approaches*. Proceedings of an International Workshop held on August 30-31, 2005. Network for Smallholder Poultry Development, University of Copenhagen, Denmark.
- Barton, David, Nick Meadows, and John Morton. 2001. "Drought Losses, Pastoral Saving and Banking: a Review." Natural Resources Institute.



- Bekele, Tadesse, Husien Kebede, Girma Taddese and Don Peden. 2006. "Small Scale Irrigation Practices and Crop & Livestock Water Requirements for Better Production by Smallholder Farmers: A Cursory Study on SG-2000 Water Harvesting and Utilization Pilot Project." Addis Ababa: International Livestock Research Institute.
- Bhattacharjee, Lalita, Biplab K. Nandi, and Saleumsy Phithayaphone. 2004. *Pilot Project for the Promotion of Home Gardens for Improved Nutritional Well-Being*. Report. Vientiane: Food and Agriculture Organization and Department of Agriculture – Ministry of Agriculture and Forestry Lao People's Democratic Republic.
- Bhattacharjee, Lalita, Biplab K. Nandi, and Saleumsy Phithayaphone. 2006. *Home Gardens – Key to Improved Nutritional Well-Being*. Report of Pilot Project TCP/LAO/2901 Promotion of home gardens for improved nutritional well-being. Bangkok: Food and Agriculture Organization and Department of Agriculture – Ministry of Agriculture and Forestry Lao People's Democratic Republic
- Bingham, Rachel. 2007. "Multiple Use Services: Meeting the Productive and Domestic Water Needs of the Rural Poor." Masters Thesis, Tufts University. May 2007.
- Blench, Roger and Zoe Marriage. 1999. "Drought and Livestock in Semi-Arid Africa and Southwest Asia." Working Paper 117. London, UK: Overseas Development Institute.
- Boelee, Eline. 2002. "Water and health in irrigated agriculture." Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.ilri.cgiar.org/infoserv/webpub/fulldocs/integratedwater/iwmi/documents/papers/eboelee.htm>
- Boelee, Eline. 2007. Power Point Presentation at Multiple Use Services kick-off meeting: Winrock International, Arlington, VA. March, 2007.
- Boelee, Eline and Hammour Laamrani. 2003. "Multiple Use of Irrigation Water in Northern Morocco." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Boelee, Eline, Hammou Laamrani and Wim van der Hoek. 2007. "Multiple Use of Irrigation Water for Improved Health in Dry Regions of Africa and South Asia." *Irrigation and Drainage*. 56: 43-51.
- Bolt, E. and C. Fonseca. 2001. "Keep it working: A field manual to support community management of rural water supplies." IRC Technical Paper Series 36. Delft, the Netherlands: IRC. International Water and Sanitation Centre.
- Botha, J.J. et al. 2004. "Evaluating the sustainability of the in-field rainwater harvesting crop production system." Paper submitted to the ICID - FAO International Workshop on Water Harvesting and Sustainable Agriculture, Moscow, 7 September 2004.
- Brandes, Oliver M., Tony Maas and Ellen Reynolds. 2006. *Thinking beyond pipes and pumps: top 10 ways communities can save water and money*. The Water Sustainability Project. POLIS Project on Ecological Governance. University of Victoria.
- Brikké, F. and M. Bredero, 2003. "Linking technology choice with operation and maintenance in the context of community water supply and sanitation--A reference document for planners and project staff". WHO and IRC
- Briscoe, John. 1999. "The Changing Face of Water Infrastructure Financing in Developing Countries." *Water Resources Development*. 15(3): 301-308.
- Brun, Thierry, Jacqueline Reynaud, and Simon Chevassus-Agnes. 1989. "Food and Nutritional Impact of One Home Garden Project in Senegal." *Ecology of Food and Nutrition*. Vol. 23.
- Bustamante, R., J. Butterworth, M. Flierman, D. Herbas, M. den Hollander, S. van der Meer, P. Ravenstijn, M. Reynaga, and G. Zurita. 2004. *Livelihoods in conflict: disputes over water for household-level productive uses in Tarata, Bolivia*.
- Bustamante, R., J. Butterworth, I. D. Callejo, A. Duran, D. Herbas, B. Hillion, M. Reynaga, and G. Zurita. 2004. *Multiple sources for multiple uses: Household case studies of water use around Cochabamba, Bolivia*.

Works Consulted



- Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Bradford, Andrew, Robert Brook and Chandra Hunshai. 2003. "Wastewater Irrigation: Hubli-Dharwar, India." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Cardone, R. and C. Fonseca. 2006. *Financing Facilities for the Water Sector*. Thematic Overview Papers. Delft, the Netherlands: IRC International Water and Sanitation Centre
- Carter, Richard. 2006. "Investigating Options for Self-help Water Supply." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note. October 2006.
- CEH SIDI. 2007. *Etude diagnostique pour la réhabilitation de PMH dans le département de Magaria*. Rapport Provisoire.
- Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT). 2004. Global Rural-Urban Mapping Project (GRUMP): Urban Extent. Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.
- Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT). 2004. Global Rural-Urban Mapping Project (GRUMP): Gridded Population of the World, GRUMP (alpha). Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.
- Chitukuno, H. R. and H. A. Foster. 1997. "Methodology for enabling women to improve poultry productivity through better husbandry and disease control." Proceedings of an International Workshop held on June 13-16, 1995 at the International Livestock Research Institute, Addis Ababa, Ethiopia
- Cinara. 2006. Marcos Legales e Institucionales en Colombia y su Impacto sobre Mus. MUS Project. Available at: <http://www.musproject.net/page/522>
- Cinara. 2006. Informe "Monitoreo de las Alianzas de Aprendizaje". MUS Project. Available at: <http://www.musproject.net/page/1575>
- Clasen, Thomas F. and Sandy Cairncross. 2004. "Editorial: Household water management: refining the dominant paradigm." *Tropical Medicine and International Health*. 9(2):187-191, February 2004.
- Cohen, Dani, Uri Shamir, and Gideon Sinai. 2004. "Water Quality Aspects of Optimal Operation of Rural Water Distribution Systems for Supply of Irrigation and Drinking Water." *Irrigation and Drainage*. 53:339-361.
- Corral, L. and Reardon, T. 2001. "Rural nonfarm incomes in Nicaragua." *World Development*. 29(3), 427-442.
- Cousins, T., Dlamini, V. and N. Maluleke. 2007. Working and learning with stakeholders about multiple use water services in Bushbuckridge. Available at: <http://www.musproject.net/page/963>
- Cousins, T. and S. Smits. 2005. *Report of the national seminar on initiatives and experiences on multiple use approaches to water* MUS Project. Available at: <http://www.musproject.net/page/424>
- Cousins, T. and S. Smits. 2006. *Report of the national seminar "Local government implementation of a multiple uses of water approach"*. MUS Project. Available at: <http://www.musproject.net/page/991>
- Critchley, William and Marit Brommer. 2003. "Innovation and Infiltration: Human Ingenuity in the Face of Water Shortage in India and Kenya." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Danert, Kerstin. 2006. "A Brief History of Hand Drilled Wells in Niger." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note. October 2006.
- Davis, Jennifer, Alice Kang, Jeffrey Vincent, and Dale Whittington. 2001. "How Important is Improved Water Infrastructure to Microenterprises? Evidence from Uganda." *World Development*. 29(10), 1753- 1767.



- De Lange, Marna & Tessa Cousins. 2006. "Using Water to Fight Poverty: A multiple-use systems approach to food security and productive uses of water." In *The Mvula Trust 2006 Local Government Water and Sanitation Diary*.
- DeBoer, John. 2007. "Study on Costs and Benefits of Multiple Use Services in Nepal." Winrock International.
- Department of Agriculture and Environmental Affairs. 2005. "Water Requirement of Livestock." Government of Zimbabwe. Available at: <http://agriculture.kzntl.gov.za/portal/Publications/ProductionGuidelines/BeefProduction/WaterRequirementsofLivestock/tabid/128/Default.aspx>
- Demographics and Health Surveys (DHS). "Measure DHS." Available at: <http://www.measuredhs.com/>
- Deshingkar, Priya, John Farrington, Pramod Sharma, Laxman Rao Jayachandra Reddy, Ade Freeman and Dantuluri Sreeramaraju. 2007.
- Dinku, Lema, Girma Taddese and D. Peden. "Economic linkages of smallholder irrigation development and issues of community management." In Peden D., Girma Taddese and Tesfaye Jemaneh. (Eds). 2005. *Community-based irrigation management in Ethiopia: Strategies to enhance human health, livestock and crop production, and natural resource management*. Proceedings of a workshop organized by EARO/MU/IWMI/ILRI held at ILRI, Addis Ababa, Ethiopia, 14–16 March 2005. EARO (Ethiopian Agricultural Research Organization), Addis Ababa, Ethiopia; MU (Mekele University), Mekelle, Ethiopia; IWMI (International Water Management Institute), Colombo, Sri Lanka; and ILRI (International Livestock Research Institute), Nairobi, Kenya.
- Dlamini, V. 2007. *Local government implementation of policies for integrated water services provision – the practice in Bushbuckridge Local Municipality*. MUS Project. Available at: <http://www.musproject.net/page/950>
- Dolberg, Frands. 2001. "A livestock development approach that contributes to poverty alleviation and widespread improvement of nutrition among the poor." *Livestock Research for Rural Development*. (13) 5.
- Dolberg, Frands. 2003. *Review of Household Poultry Production as a Tool in Poverty Reduction with Focus on Bangladesh and India*. Pro Poor Livestock Policy Initiative Working Paper No. 6. Rome: Food and Agriculture Organization.
- Dovie, Delali B.K., Chalie M. Shackleton, and E.T.F. Witkowski. 2006. "Valuation of communal area livestock benefits, rural livelihoods and related policy issues." *Land Use Policy*. 23(3): 260-271.
- Dugan, P., V. V. Sugunan, R. L. Welcomme, C. Béné, R. E. Brummett and M. C. M. Beveridge. 2007. "Inland Fisheries, Aquaculture and Water Productivity." In Molden, D. (Ed). *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan and Colombo: International Water Management Institute.
- Duran, A., D. Herbas, M. Reynaga, and J. Butterworth. 2005. "Planning for multiple uses of water: Livelihood activities and household water consumption in peri-urban Cochabamba." In *Resources, Energy, and Development*. Delhi: The Energy and Resources Institute. TERI. Available at: http://www.irc.nl/content/download/20877/249914/file/multiples_uses_of_water.pdf
- Dyg, Pernille M. and Saleumy Phithayaphone. 2005. "Home Gardens in Lao PDR – Linkages between Agricultural Biodiversity and Food Security." Juth Pakai: *Sharing Information to Stimulate Development* (4):18-26.
- Endamana, D., I.M. Kengne, J. Gockowski, J. Nya, D. Wandji, J. Nyemeck, N.N. Soua. 2003. "Wastewater Reuse for Urban and Periurban Agriculture in Yaounde Cameroon: Opportunities and Constraints. In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.
- Ensink, J. H. J., M.R. Aslan, F. Konradsen, P. L. Jensen, and W. van der Hoek, W. 2002. "Linkages between irrigation and drinking water in Pakistan." Working Paper 46. Colombo, Sri Lanka: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/working/WOR46.pdf>
- Esrey, S.A. 1996. "Water, waste, and well-being: a multicountry study." *American Journal of Epidemiology*. 143:608-623.
- Ezeji, Joachim Ibeziako. *Incorporating Productive Use in to Water Systems in Urban Nigeria*. MSc Individual Project, Loughborough University, UK.
- Food and Agriculture Organization of the United Nations (FAO). 2003. "Beyond irrigation: the multiple uses of water for improving both diets and incomes." In *The State of Food Insecurity in the World*. Available at: http://www.fao.org/docrep/006/j0083e/j0083e05.htm#P37_6598
- Food and Agriculture Organization of the United Nations (FAO). "Aquastat" database. Available at: <http://www.fao.org/ag/AGL/aglw/aquastat/investment/index.stm>



- Food Security Analysis Unit. 2001. "Focus: Pastoralist under Pressure." Food and Agriculture Organizations. Available at: <http://www.fsasomali.org/uploads/Other/620.pdf>
- Gibson, Clark C., Elinor Ostrom, and T.K. Ahn. 2000. "The concept of scale and the human dimensions of global change: a survey." *Ecological Economics*. 32: 217-239.
- Gilimani, Benedict. 2005. *The Economic Contribution of Home Production for Home Consumption in South African Agriculture*. Master of Science Thesis Agricultural Economics, University of Stellenbosch.
- Global Water Partnership. 2004. *Catalyzing Change: A Handbook for Developing Integrated Water Resources Management (IWRM) and Water Efficiency Strategies*. Stockholm, Sweden: Global Water Partnership Technical Committee and Norway's Ministry of Foreign Affairs. Available at: <http://www.gwpforum.org/gwp/library/Handbook.pdf>
- Goldblatt, Michael. 1998. "Assessing the effective demand for improved water supplies in informal settlements: a willingness to pay survey in Vlaktfontein and Finetown, Johannesburg." *Geoforum*. 30:27-41.
- Gowing, John. 2004. "Multiple use management in a large irrigation system: benefits of distributed storage." *Irrigation and Drainage Systems*. 18(1).
- Gross, Bruce, Christine van Wijk, and Nilanjana Mukherjee. 2001. *Linking Sustainability with Demand, Gender and Poverty. A Study in community-managed water supply projects in 15 countries*. IRC International Water and Sanitation Centre.
- Gura, Susanne, and LPP. 2003. "Losing livestock, losing livelihoods." *Seedling*. GRAIN.
- Handstad, Tim., Robin Nielsen, and Jennifer Brown. 2004. *Land and Livelihoods: Making land rights real for India's rural poor*. Livelihood Support Programme Working Paper 12. Rural Development Institute and Food and Agriculture Organization of the United Nations.
- Helen Keller International (HKI) – Asia-Pacific. 2001. *Homestead Food Production – A Strategy to Combat Malnutrition and Poverty*. Jakarta, Indonesia: Helen Keller International.
- Herbert, James R. 1985. "Effects of Water Quality and Water Quantity on Nutritional Status: Finding from a south Indian community." *Bulletin of the World Health Organization*. 63(1): 143-155.
- Heredia, G. 2007. *Promoviendo el enfoque MUS a partir de un Centro de Recursos en Cochabamba – Bolivia. Sistematización de la experiencia*. MUS Project
- Heredia, Gustavo and Agua Tuya. 2006. "Asociación de Usuarios de Agua Potable Challacaba." Cochabamba: Centro Agua – Universidad Mayor de San Simón, Programa Agua Tuya, and IRC. Available at: <http://www.musproject.net/page/523>
- Hermanowicz, Slawomir W. 2005. "Sustainability in Water Resources Management. Changes in Meaning and Perception." Water Resources Center Archives Working Papers. University of California, Multi-Campus Research Unit.
- Hope, R.A., P-J. Dixon, and G. von Maltitz. 2003. "The Role of Improved Domestic Water Supply in Livelihood and Poverty Reduction in Limpopo Province, South Africa." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Hoddinott, J. 1997. "Water, health, and income: a review." Washington, DC: International Food Policy Research Institute, Discussion Paper No. 25.
- Huby, Meg and Stuart Stevenson. 2003. "Meeting need and achieving sustainability in water project interventions." *Progress in Development Studies*. 3(3): 169-209.
- Hussain, Intizar. 2005. *Pro-poor Intervention Strategies in Irrigated Agriculture in Asia. Poverty in Irrigated Agriculture: Issues, Lessons, Options and Guidelines Bangladesh, China, India, Indonesia, Pakistan and Vietnam*. Project Final Synthesis Report. Colombo, Sri Lanka: International Water Management Institute.
- Hussain, Intizar and Munir A. Hanjra. 2004. "Irrigation and Poverty Alleviation: Review of Empirical Evidence." *Irrigation and Drainage*. 53:1-15.
- Hutton, G., and L. Haller. 2004. "Evaluation of the costs and benefits of water and sanitation improvements at the global level." Geneva: World Health Organization.



- IFRI. 2001. *2020 Vision for Food, Agriculture, and the Environment*. Focus 6.
- Inocencio, A., H. Sally, and D.J. Merrey. 2003. *Innovative Approaches to Agricultural Water Use for Improving Food Security in Sub-Saharan Africa*. Colombo, Sri Lanka: International Water Management Institute.
- Inocencio, A., M. Kikuchi, D. Merrey, M. Tonasaki, A. Maruyama, I. de Jong, H. Sally and F. Penning de Vries. 2005. *Lessons from Irrigation Investment Experiences: Cost-reducing and Performance-enhancing Options for sub-Saharan Africa*. Final Report. International Water Management Institute.
- Inocencio, A.; M. Kikuchi; M. Tonasaki; A. Maruyama; D. Merrey; H. Rally; I. de Jong. 2007. *Costs and performance of irrigation projects: A comparison of sub-Saharan Africa and other developing regions*. IWMI Research Report 109. Colombo, Sri Lanka: International Water Management Institute.
- International Development Enterprise. 2005. *Progress Report of the MUS Project of IGB, Nepal sub-basin for the period October 2004 – May 2005*. Available at: <http://www.musproject.net/content/download/592/5444/file/Nepal%20MUS%20progress%206-14-05.pdf>
- International Development Enterprises. 2002. "Senapuk Multiple Use System in Nepal." Lakewood Colorado: International Development Enterprises. Available at: <http://www.musproject.net/content/download/590/5438/file/IGB-Nepal-Senapuk%20MUS%20report.pdf>
- International Fund for Agricultural Development, DANIDA, and the World Bank. 2004. *Livestock Services for the Poor. A Global Initiative. Collecting, Coordinating and Sharing Experiences*. Rome: International Fund for Agricultural Development. Available at: <http://www.ifad.org/lrkm/book/english.pdf>
- International Livestock Research Institute. 1995. *Livestock Policy Analysis*. ILRI Training Manual 2. ILRI, Nairobi, Kenya. Available at: http://www.ilri.org/html/trainingMat/policy_X5547e/x5547e00.htm#Contents
- International Water Management Institute (IWMI), IRC International Water and Sanitation Centre, the Technical Committee of the Global Water Partnership (GWP) and the GWP Advisory Center at IWMI. *Water Policy Briefing*. February 2006. Issue 18.
- Islam, S.M. Fakhru and M.A. Jabbar. 2005. "Smallholder poultry model for poverty alleviation in Bangladesh: a review of evidence on impact." *Livestock Research for Rural Development*. 17(10).
- James, A.J. 2003. "Linking Water Supply and Rural Enterprise: Issues and Illustrations from India." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- James, A.J., Joep Verhagen, Christine van Wijk, Reema Nanavaty, Mita Parikh and Mihir Bhatt. 2002. "Transforming time into money using water: A participatory study of economics and gender in rural India." *Natural Resources Forum*. 26: 205–217.
- Jensen, Peter K., Yutaka Matsuno, Wim van der Hoek, and Sandy Cairncross. 2001. "Limitations of irrigation water quality guidelines from a multiple use perspective." *Irrigation and Drainage Systems*. 15: 117-128.
- Johnson, Clare L. and John W. Handmer. 2003. "Coercive and Cooperative Policy Designs: Moving Beyond the Irrigation System." *Irrigation and Drainage*. 53:193-202.
- Joshi, Deepa. 2004. *Secure Water – Whither poverty? Livelihoods in the DRA Approaches: A case study of the Water Supply Programme in India*. London, UK: Overseas Development Institute.
- Karaita, Bernard, George Danso, and Pay Drechsel. 2003. "Urban Irrigation Methods and Practices in Ghana and Togo." *UA Magazine*.
- Kassa, Habtemarian. 2000. "Livestock Production, Household Food Security and Sustainability in Smallholder Mixed Farms." Master Thesis. Uppsala, Sweden: Swedish University of Agricultural Sciences.
- Koppen, B. van, Smits, S. and P. Moriarty. (2008 forthcoming). *Climbing the ladder: developing multiple use services through an incremental approach at different institutional levels*. MUS Project
- Kulkarni, S A. 2007. "Volumetric Pricing of Irrigation Water in India: Experiences and Lessons Learned." New Delhi: International Commission on Irrigation and Drainage (ICID).



- Kumar, M Dinesh, Lokesh Singhal, and Pabitra Rath. 2004. "Value of Groundwater. Case Studies in Banaskantha." *Economic and Political Weekly*.
- Kuria, David et al. 2005. *Livelihoods and Gender in Sanitation, Hygiene Water Services among the Urban Poor*. Maili Saba Research Report. Practical Action (formerly ITDG).
- Lankan Rainwater Harvesting Forum. 1999. *Concept of Water Security Entailing Domestic Roof Water Harvesting*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D2. Sri Lanka.
- Lankan Rainwater Harvesting Forum. 2000. *Current Rural Water Security Practices with DRWH*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D3. Sri Lanka.
- Lankan Rainwater Harvesting Forum. 2001. *Domestic Roof Water Harvesting and Water Security in the Humid Tropics*. Domestic Roofwater Harvesting in the Humid Tropics Programme. Milestone Report D5. Sri Lanka.
- Lantagne, Daniele S., Robert Quick, and Eric D. Mintz. "Household Water Treatment and Safe Storage Options in Developing Countries: A Review of Current Implementation Practices." Draft Paper commissioned the Navigating Peace Initiative, a project launched by the Woodrow Wilson International Center for Scholars' Environmental Change and Security Program and funded by the Carnegie Corporation of New York.
- Lefebvre, Marie, Sylvie Morardet, Marielle Montginou, Stefano Farolfi. 2005. "How to finance multiple use water systems for the rural poor? Lessons learnt from the domestic water sector in the Olifants River Basin, South Africa." Communication to the International Workshop "Water poverty and social crisis" Agadir, Morocco, 12th-15th December 2005
- Leloup, Suzanne. 2006. "Investing in Maintaining Mobility in Pastoral Systems of the Arid and Semi-Arid Regions of Sub-Saharan Africa." An ALive Policy Note. Rome: Pro-Poor Livestock Initiative of Food and Agriculture Organization of the United Nations.
- Li, Keke and Zhifang Xu. 2006. "Overview of Dujiangyan Irrigation Scheme of Ancient China with Current Theory." *Irrigation and Drainage*. 55:291-298.
- Li, Q., J.W. Gowing, and C. Mayilswami. 2005. "Multiple-use management in a large irrigation system: an assessment of technical constraints to integrating aquaculture within irrigation canals." *Irrigation and Drainage*. 54: 31-42.
- Lipton, M. J. Lichfield and J-M Faures. 2003. "The effects of irrigation on poverty." *Water Policy*. 5: 413-27.
- Livestock in Development. 1999. *Livestock in Poverty-Focused Development*. Crewkerne: Livestock in Development.
- Livestock, Environment and Development (LEAD) Initiative. 2007. *Livestock and Environment Toolbox*. Food and Agriculture Organisation of the United Nations (Date of Access: February 2007).
- Mahoo, H.F., F.B.R. Rwehumbiza, S. Demgard-Larsen, N. Hatibu, A. Kitalu and M. Kahabi. 2003. "Challenges and Benefits of Participatory Interventions in Rainwater Harvesting: Improvement of Chardo Dams in Tanzania." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Makoni, F., Smits, S., Shoshore, I. and M. Jonga. 2007. *Institutional learning about multiple use services in Zimbabwe; experiences of the Learning Alliance approach*. MUS Project. Available at: <http://www.musproject.net/page/908>
- Maltsoglou, Irini and Kiyoshi Taniguchi. 2004. *Poverty, Livestock and Household Typologies in Nepal*. Pro Poor Livestock Policy Initiative Working Paper No. 13. Rome: Food and Agriculture Organization.
- Maluleke, T., V. Thomas, T. Cousins, S. Smits, and P. Moriarty. 2005. "Securing water to enhance local livelihoods (SWELL): Community-based planning of multiple uses of water in partnership with service providers." Bushbuckridge, South Africa: AWARD, CARE, IRC, and MUS project. Available at: <http://www.musproject.net/content/download/549/4964/file/Case%20Study%20SWELL%20final.pdf>
- Marek, Tonia, Thierry Brun, and Jacqueline Reynaud. 1990. "Do home garden projects improve income and nutritional status? A case study in Senegal." *Food and Nutrition Bulletin*. 12(1), March 1990.
- Marg, Sachetan and Naya Baneshwor. 2004. "Process and impact study of the multiple-use (hybrid) gravity water supply schemes in Palpa and Syangja Districts of West Nepal." Katmandu: Eco-Tech Consult (P) Ltd. Nepal Smallholder Irrigation Market Initiative (SIMI). Available at: <http://www.musproject.net/content/download/591/5441/file/MUS%20EcoTech%20study%20Nepal%20r.pdf>
- Marsh, R. 1998. "Building on traditional gardening to improve household food security." In J.L. Albert, ed. 1998. *Food, Nutrition and Agriculture*. Rome: FAO Food and Nutrition Division.



- Mati, Bancy M. 2005. *Enterprise Budget and Investment Study of Livestock under Irrigated Systems in Kenya*. Working Paper 2. International Livestock Research Institute.
- Matthew, Brian. 2003. "The Ownership and Management of Productive Water Point Gardens in a Time of Drought, Zimbabwe." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Maunder, EMW and JL Meaker. 2007. "The current and potential contribution of home-grown vegetables to diets in South Africa." *Water SA*. 33(3), Special Edition.
- McClanahan, T.R., E. Verheij, and J. Maina. 2006. "Comparing the Management Effectiveness of a Marine Park and a Multiple-Use Collaborative Fisheries Management Area in East Africa." *Aquatic Conservation: Marine and Freshwater Ecosystems*. 16:147-165.
- Mckenzie, R.S., H. Lombard, G. Constantinedes, N. Meyer, and N. Adams. 2003. "Evaluation of the Water Supply Situation in the Western Highveld Area, South Africa." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Mearns, Robin. 1999. "Access to Land in Rural India. Policy Issues and Options." Policy Research Working Paper Series 2123, The World Bank.
- Mekala, Gayathri Devi, Stephanie Buechler, and Narayana Peesapaty. 2004. "Engendering Agricultural Research: A Case Study of Hyderabad City, India." International Water Management Institute.
- Meinzen-Dick, R.S. and M. Bakker. 1999. "Irrigation systems as multiple use commons: Water use in Kirindi Oya, Sri Lanka." *Agriculture and Human Values*. 16(3): 281-293.
- Meinzen-Dick, Ruth and Margeretha Bakker. 2001. "Water rights and multiple water uses." *Irrigation and Drainage Systems*. 15: 129-148.
- Meinzen-Dick, Ruth and Wim van der Hoek. 2001. "Multiple uses of water in irrigated areas." *Irrigation and Drainage Systems*. 15: 93-98.
- Merrey, D. et al. 2006. "Policy and Institutional Reform: The Art of the Possible." In Molden, D. (Ed). *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan and Colombo: International Water Management Institute.
- Merrey, D. J., P. Drechsel, F.W.T. Penning de Vries, & H. Sally. 2003. "Integrating 'livelihoods' into integrated water resources management: taking the integration paradigm to its logical next step for developing countries." International Water Management Institute (IWMI), Africa Regional Office. Available from <http://www.sarpn.org.za/documents/d0000575/index.php>
- Mikhail, M. 2007. *Lessons from the Multiple-use Water Systems Learning Alliance Experience in the Indian state of Maharashtra*. MUS Project
- Mikhail, M. 2007. *Lessons from the Multiple-Use Water Systems Learning Alliance Experience in Nepal*. MUS Project
- Mizutani, Fumi, Elizabeth Muthani, Patti Kristjanson, and Helga Recke. 2005. "Impact and Value of Wildlife in Pastoral Livestock Production Systems in Kenya: Possibilities for Healthy Ecosystem Conservation and Livestock Development for the Poor." In Osofsky, Steven, et al (Eds). *Conservation and Development Interventions at the Wildlife/Livestock Interface. Implications for Wildlife, Livestock, and Human Health*. Gland, Switzerland and Cambridge, UK: IUCN The World Conservation Union.
- Mokgope, L. and J. Butterworth. 2002. "Rural water supply and productive uses: a rapid survey in the Sand river catchment." Chatham, UK: WHIRL Project Working paper 4, NRI.
- Molden, David. 1997. *Accounting for water use and productivity*. SWIM Paper 1. Colombo, Sri Lanka: International Irrigation Management Institute. Available at: <http://unstats.un.org/unsd/envAccounting/ceea/Plmeetings/AC-116-10.pdf>
- Molden, D. (Ed).2006. *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan and Colombo: International Water Management Institute.
- Molle, F. and M. Renwick. 2005. *Economics and politics and of water resources development:Uda Walawe Irrigation Project, Sri Lanka*. Research Report 87. Colombo, Sri Lanka: International Water Management Institute (IWMI).
- Moriarty, Patrick and John Butterworth. 2003. "Water Poverty and Productive uses of Water at the Household Level." In Butterworth, J., P. Moriarty, and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.



- Moriarty, Patrick; John Butterworth, Barbara van Koppen. 2004. *Beyond Domestic: Case Studies on Poverty and Productive Uses of Water at the Household Level*. Technical Paper Series, No. 4. Delft, The Netherlands: IRC International Water and Sanitation Centre.
- Moriarty, Patrick. 2004. "Productive Uses of Water: Summary of Theme 2: What are the Lesson Learned?" Prodwat. Available at: <http://www.prodwat.watsan.net/page/346>
- Moriarty, Patrick and John Butterworth. 2003. *The productive use of domestic water supplies*. IRC International Water and Sanitation Center.
- Mulwafu, Wapulumuku O. 2003. "The Use of Domestic Water Supplies for Productive Purposes in the Lake Chilwa Catchment Area in Southern Malawi." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Murimiradzomba, Nigel. "Case Study on Multiple Use of Water in Zimbabwe. Household Economic Security: The Case of Drip Kit Micro Irrigation Project." Plan Zimbabwe.
- MUS Project. 2006. "Colombia- Multiple uses of water in the micro-catchment of La Palmas-Tres Puertes, Valle del Cauca." Available at: <http://www.musproject.net/page/1096>
- MUS Project. 2006. "Colombia- Multiple uses of water in the micro-catchment of Cajamarca, Valle del Cauca." Available at: <http://www.musproject.net/page/1095>
- MUS Project. 2005. "Quindio, Colombia." Available at: <http://www.prodwat.watsan.net/page/532>
- Mwami, James. 2003. "Rainwater Harvesting for Survival and Development, Uganda." IN Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Nazim, Ali. 2002. "Economic and Institutional Issues of Wastewater Use in Faisalabad, Pakistan." *UA Magazine*.
- Negussie, Amsalu. 2006. *Program Visit to Plan Zimbabwe. Part II*. Plan International.
- Nguyen-Khoa, S.; Smith, L., Lorenzen, K. 2005. "Impacts of irrigation on Inland Fisheries: Appraisals in Laos and Sri Lanka." Comprehensive Assessment Research Report 7. Colombo, Sri Lanka: Comprehensive Assessment Secretariat. Available at: http://www.iwmi.cgiar.org/Assessment/files_new/publications/CA%20Research%20Reports/CA-RR7_final.pdf
- Nguyen-Khoa, S. and L.E.D. Smith. 2004. "Irrigation and Fisheries: Irreconcilable Conflicts of Potential Synergies?" *Irrigation and Drainage*. 53:415-427.
- Noel, S, Hoang, P. and Soussan, J. 2007. "The Impact of Domestic Water Supply on Small-scale Household-based Enterprises: Preliminary Evidence from Rural Vietnam." Unpublished. Stockholm Environment Institute.
- Nugent, Rachel. 2000. "The Impact of Urban Agriculture on the Household and Local Economies." In Bakker et al. (Eds). *Growing Cities, Growing Food*. Feldafing: DSE.
- Oyo, Anthony. 2006. "Spare Part Supplies for Handpumps in Africa. Success Factors for Sustainability." Water and Sanitation Program and Rural Water Supply Network – Rural Water Supply Series, Field Note.
- Palanisami K. and Ruth Meinzen-Dick. 2001 "Tank performance and multiple uses in Tamil Nadu, South India." *Irrigation and Drainage Systems*. 15: 173-195.
- Pallas, P. 1985. *Water for Animals*. Rome: Food and Agriculture Organization (FAO). Available at: <http://www.fao.org/docrep/R7488E/R7488E00.htm>
- Pant, Dhruva, Kamal Raj Gautam and Sabita Dhakhwa Shakya. 2005. *Assessment of Multiple Use Schemes (MUS) Implemented under Smallholder Irrigation Market Initiative (SIMI)*. International Water Management Institute and Sama Bikas Abhiyan.
- Patil, B.R. 2006. "Dynamics of livestock development in Gujarat, India: Experiences of an Indian NGO." PhD Thesis. The Netherlands: Wageningen University.
- Peden, D., A. Freeman, A. Astake, and A. Notenbaert. 2006. *Investment options for integrated water-livestock crop production in sub-Saharan Africa*. Working Paper 1. Nairobi, Kenya: International Livestock Research Institute and International Water Management Institute.

- Peden, D., Girma Tadesse and A.K. Misra. 2006. "Water and livestock for human development." In Molden, D. (Ed). *Water for Food, Water for Life: A Comprehensive Assessment of Water Management in Agriculture*. London: Earthscan and Colombo: International Water Management Institute.
- Peden, D., Girma Tadesse, and Mulugeta Mammo. 2003. "Improving the water productivity of livestock: An opportunity for poverty reduction." Addis Ababa: International Livestock Research Institute.
- Perez, Mario, Stef Smits, Alberto Benavides, and Silena Vargas. 2003. "A Participatory Appraisal of the Water Situation in a Colombian Microcatchment." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Perez de Mendiguren, J.C. 2003. "Productive Uses of Water at the Household Level: Evidence from Bushbuckridge, South Africa." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Perez de Mendiguren, J.C. and M. Mabalane. 2001. *Economics of productive uses for domestic water in rural areas*. Acornhoek, RSA (AWARD Research Report).
- Plan International. 2007. "Haffir Water for Multiple Uses." Plan International
- Plan International. 2007. "Multiple Use of Water – Experience of Plan Ethiopia." Plan International.
- Plan International. 2007. "Multiple Uses of Water Interventions supported by Plan International Inc, Kenya." Plan International.
- Plan International. 2007. "Multiple Use of Water – Plan Zambia Experience." Plan International.
- Plan International. 2007. "Multiple Use of Water – Plan Zimbabwe's Experience." Plan International.
- Polak, Paul, Deepak Adhikari, Bob Nanes, Dan Salter and Sudarshan Surywanshi. 2003. "Transforming Rural Water Access into Profitable Business Opportunities." IN Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Productive Uses of Water (Prodwat). 2005. "Cape Verde." Prodwat. Available at: <http://www.prodwat/watsan.net/page/529>
- Productive Uses of Water (Prodwat). 2005. "Institutional Constraints for Multiple Use of Water in Bulgaria." Available at: <http://www.prodwat.watsan.net/page/564>
- Productive Uses of Water (Prodwat). 2005. "Putting Rainwater to Maximum Use in Jos, Nigeria." Prodwat. Available at: <http://www.prodwat/watsan.net/page/566>
- Proudfoot, David. 2003. "Tackling the Roots of Poverty: Changing a NGOs WATSAN Programme to Meet Productive Water Needs, Zimbabwe." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Quiroz, F., Bustamante, R. and G. Heredia. 2007. *Análisis institucional: Agua Potable y Riego en Bolivia*. MUS Project.
- Ravnborg, H., M. Hanjra, L. Smith and M. Hussein, 2007. "Reversing the flow: agricultural water management pathways for poverty reduction," in *Water for Food Water for Life: A comprehensive assessment of water management in agriculture*. London: Earthscan, and Colombo: International Water Management Institute.
- Redhouse, David, Paul Roberts and Rehema Tukai. 2004. "Everyone's a Winner? Economic Valuation of Water Projects." London: Water Aid. Available at: http://www.givewater.org/documents/plugin_documents/everyonesawinnerindia.pdf
- Renwick, Mary. 2001 "Valuing water in a multiple-use system." *Irrigation and Drainage Systems*. 15: 149-171.
- "Responding to Poverty. Promoting Productive Uses of Water at the Household Level." 2003. Statement from a symposium held in Johannesburg, South Africa, 21-23 January 2003. Natural Resource Institute, IRC, IWMI.
- Roberts, Michael. 2004. "Microirrigation for Income Generation in Asia." *Water and Poverty: The Realities.. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: http://www.adb.org/Documents/Books/Water_for_All_Series/Water_Poverty_Realities/Microirrigation.pdf

- Robinson, Peter B. 2003. "Changing the Water Paradigm for Poverty Reduction, Zimbabwe." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Robinson, P., B. Mathew and D. Proudfoot. 2004. "Productive water strategies for poverty reduction in Zimbabwe." In: Moriarty, P., Butterworth, J. and B. van Koppen. 2004. *Beyond domestic: case studies on poverty and productive use of water at the household level*. Delft, the Netherlands, IRC International Water and Sanitation Centre.
- Rochstrom, Johan. 2000. "Water Resources Management in Smallholder Farms in Eastern and Southern Africa: An Overview." *Physical Chemistry Earth*. 25(3): 275-283.
- Rushton, J. and S.N. Ngongi. 1998. "Poultry, women and development: old ideas, new applications and the need for more research." In B.S. Hursey (Ed). *World Animal Review 91*. Food and Agriculture Organization. Available at: <http://www.fao.org/docrep/W9980T/w9980T07.htm#TopOfPage>
- SecureWater, 2005, *Livelihoods and Gender in Sanitation, Hygiene & Water Services among the Urban Poor*, Maili Saba Research Report, March 2005.
- Sere, Carlos and Henning Steinfeld. 1996. *World Livestock Production Systems. Current status, issues and trends*. FAO Animal Production and Health Paper. Rome: Food and Agriculture Organization of the United Nations
- Shah, Tushaar, Alam, M., Dinesh Kumar, M., Nagar, R.K., Singh, Mahendra. 2000. *Pedaling out of Poverty: Social Impact on a Manual Irrigation Technology in South Asia*. Research Report 45. Colombo: International Water Management Institute. Available at: <http://www.iwmi.cgiar.org/pubs/Pub045/Report45.pdf>
- Shah, Tushaar, Barbara van Koppen, Douglas Merrey, Marna de Lange and Madar Samad. 2002. *Institutional Alternatives in African Smallholder Irrigation: Lessons from International Experience with Irrigation Management Transfer*. Research Report 60. Colombo, Sri Lanka: International Water Management Institute.
- Shortt, R.; Boelee, E.; Matsuno, Y.; Faubert, G.; Madramootoo, C.; and van der Hoek, W. 2003. "Evaluation of thermotolerant coliforms and salinity in the four available water sources of an irrigated region of Southern Sri Lanka." *Irrigation and Drainage* 52: 133-146.
- Shackleton, Sheona, Charlie Shackleton and Ben Cousins. 2000. "Re-evaluating the Communal lands of Southern Africa: New Understandings of Rural Livelihoods." *Natural Resources Perspectives*. Number 62, November 2000. Overseas Development Institute.
- Sharma, Sudhirendar. 2002. "Rainwater harvesting has yet to protect India from drought." *Water Lines*. 21(4). April 2002.
- Singh, B., R. Ramasubban, R. Bhatia, J. Briscoe, C. C. Griffin, and C. Kim. 1993. "Rural Water Supply in Kerala, India: How to Emerge from a Low-Level Equilibrium Trap." *Water Resources Research*. 29 (7): 1931-42.
- Sonder, Kai, Abiye Astatke, Ahmed El Wakeel, David Molden, and Don Peden. 2004. "Strategies for increasing livestock water productivity in water stressed agricultural systems." Available at: <http://www.knowledgebank.irri.org/theme1/pdfs/livestock.pdf>
- Sonaiya, E. B. 2007. "Family poultry, food security and the impact of HPAI." *World's Poultry Science Journal*. 63. March 2007.
- Soussan, John. 2003. "Poverty, Water Security and Household Use of Water." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Soussan, J., S. Pollard, J.C. Perez de Mendiguren, and J. Butterworth. 2002. "Allocating water for home-based productive activities in Bushbuckridge, South Africa." *Water and Poverty: The Realities. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: http://www.adb.org/Documents/Books/Water_for_All_Series/Water_Poverty_Realities/Allocating_Water.pdf
- Swiss Agency for Development and Cooperation. 2000. *Livestock and Gender: A Winning Pair*. Working Paper. Bern: Swiss Agency for Development and Cooperation.
- Taddese, Girma and Don Peden. 2005. "Effective Management of Water and Livestock Resources for Community Based Irrigation in Ethiopia." Addis Ababa, Ethiopia: International Livestock Research Institute.
- Tawonezi, D. and K. Mudima. 2002. "Socio-Economic Impact of Smallholder Irrigation Development in Zimbabwe." Harare, Zimbabwe: Food and Agriculture Organization of the United Nations. Available from <http://www.fao.org/docrep/x5594e/x5594e00.htm>
- The World Vegetable Center (AVRDC). 2001. "Project 6. Economic and human nutritional impacts from enhances peri-urban vegetable production." In *AVRDC Report 2000*. Shanhua, Tainan, Taiwan: Asian Vegetable Research and Development Center.

Works Consulted

- Thenkabail, P.S., Biradar, C.M., Turrall, H., Noojipady, P., Li, Y.J., Vithanage, J., Dheeravath, V., Velpuri, M., Schull, M., Cai, X. L., Dutta, R. 2006. An Irrigated Area Map of the World (1999) Derived from Remote Sensing. IWMI Research Report (also see: <http://www.iwmi.org>). International Water Management Institute, Colombo, Sri Lanka. Pp. 74.
- Thomas-Slayter B. and Bhatt N. 1994. "Land, livestock, and livelihoods: Changing dynamics of gender, caste, and ethnicity in a Nepalese village." *Human Ecology*. 22(4):467–494.
- Thompson, John, Ina T Porras, James K Tumwine, Mark R Mujwahuzi, Munguti Katui-Katua, Nick Johnstone and Libby Wood. 2001. *Drawers of Water II – 30 Years of Change in Domestic Water Use and Environmental Health in East Africa*. Nottingham: International Institute for Environment and Development.
- Thornton, P.K., R.L. Kruska, N. Henninger, P.M. Kristjanson, R.S. Reid, F. Atieno, A.N. Otero and T. Ndegwa. 2002. *Mapping Poverty and Livestock in the Developing World*. A report commissioned by the UK Department for International Development, on behalf of the Inter-Agency Group of Donors Supporting Research on Livestock Production and Health in the Developing World. Nairobi: International Livestock Research Institute. Available at: <http://www.ilri.org/InfoServ/Webpub/fulldocs/mappingPLDW/index.htm>
- Upadhyay, Bhawana. 2004. *Gender Roles and Multiple Uses of Water in North Gujarat*. Working Paper 70. Colombo, Sri Lanka: International Water Management Institute (IWMI).
- URS Sustainable Development, Kellogg Brown & Root, and World Wide Project Management Services. 2004. *Quang Ngai Rural Development Program Phase II – Home Gardens Report*. Hanoi: AusAID.
- Van Averbeke, W. and T.B. Khosa. 2007. "The Contribution of small-holder agriculture to the nutrition of rural households in a semi-arid environment in South Africa." *Water SA*. 33(3). Special Edition.
- Van der Hoek, W., et al. 2002a. "Irrigation, Domestic Water Supply and Human Health. In Water and Development: Some selected aspects." In Marquette, CM, and S. Pettersen S (Eds). UNESCO Encyclopedia of Life Support Systems (EOLSS). Oxford, UK.
- Van der Hoek, W., et al. 2002b. "Availability of Irrigation Water for Domestic Use in Pakistan: Its Impact on Prevalence of Diarrhoea and Nutritional Status of Children." *Journal of Health, Population, and Nutrition*, 1: 77-84.
- Van der Hoek, W., F. Konradsen, Joroen H. J. Ensink, Muhamma Mudasser, and Peter K. Jensen. 2001. "Irrigation water as a source of drinking water: is safe use possible?" *Tropical Medicine and International Health*. 6(1): 46-54.
- Van der Hoek, W., F. Konradsen and Waqar A. Jehangir. 1999. "Domestic Use of Irrigation Water: Health Hazard or Opportunity?" *Water Resources Development*. 15(1-2): 107-119.
- Van Hoeve, Esther and Barbara van Koppen. 2005. "Beyond fetching water for livestock: a gendered sustainable livelihood framework to assess livestock-water productivity." International Livestock Research Institute (ILRI) and International Water Management Institute (IWMI).
- Van Koppen, Barbara, Patrick Moriarty, and Eline Boelee. 2006. *Multiple-Use Water Services to Advance the Millennium Development Goals*. Research Report 98. Colombo, Sri Lanka: International Water Management Institute.
- van Koppen, B., Smits, S. and P. Moriarty (2008 forthcoming) *Climbing the ladder: developing multiple use services through an incremental approach at different institutional levels*. IWMI and IRC
- Verhagen, Joep, A.J. James, Christine van Wijk, Reema Nanavatty, Mita Parikh, Mihir Bhatt. 2004. *Linking Water Supply and Poverty Alleviation The impact of women's productive use of water and time on household economy and gender relations in Banaskantha District, Gujarat, India*. Delft: IRC International Water and Sanitation Centre.
- Versfeld, Dirk. 2003. "Water for Livelihoods: Brining Equity and Opportunity to the Rural Poor in South Africa." In Butterworth, J., P. Moriarty and B. van Koppen. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Waughray, D.K., C.J. Lovell, and E. Mazhangara. 1998. "Developing Basement Aquifers to Generate Economic Benefits: A Case Study from Southeast Zimbabwe." *World Development*. 26(10): 1903-1912.
- Water Aid. 2001. *Looking back: The long-term impacts of water and sanitation projects*. London.
- Water Lines. 2006. 25(1), July 2006.

Works Consulted



- Winpenny, James. 2003. *Financing Water for All*. Report of the World Panel on Financing Water Infrastructure.
- Winrock International and International Development Enterprises. 2007a. "MUS Projects in the Indus-Gangetic Basin. Kharo Kola Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007b. "MUS Projects in the Indus-Gangetic Basin. Lessons and Conclusions Drawn from the IDE/Winrock Experience in Nepal." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007c. "MUS Projects in the Indus-Gangetic Basin. Senapuk Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007d. "MUS Projects in the Indus-Gangetic Basin. The Nepal Experience." Winrock International and International Development Enterprises.
- Whittington, D. 2002. "Municipal water pricing and tariff design: a reform agenda for South Asia." *Water Policy*. 5(2003): 61-76.
- Whittington, Dale, John Briscoe, Xinming Mu, and William Barron. 1990. "Estimating the Willingness to Pay for Water Services in Developing Countries: A Case Study of the Use of Contingent Valuation Surveys in Southern Haiti." *Economic Development and Cultural Change*. The University of Chicago.
- World Health Organization (WHO). "WHO World Health Survey." Available at: www.who.int/research/en
- World Health Organization (WHO) and United Nations' Children's Fund (UNICEF). "Joint Monitoring Programme for Water Supply and Sanitation database." Available at: <http://www.wssinfo.org/en/watquery.html>
- World Resources Institute (WRI). 2005. *World Resources 2005 -- The Wealth of the Poor: Managing Ecosystems to Fight Poverty*. United Nations Development Programme, United Nations Environment Programme, The World Bank, World Resources Institute.
- Working Group on Gardens – Zimbabwe. 2005. *Review of Garden Based Production Activities for Food Security in Zimbabwe*. Food and Agriculture Organization (FAO).
- Yoder, Robert. 1981. "Non-Agricultural Uses of Irrigation Systems: Past Experience and Implications for Planning and Design." The Agricultural Development Council.
- Zuin, Valentina. 2005. "Productive use of domestic water: a review of the existing literature." The World Bank.

Works Consulted—Case Studies



The Smallholder Irrigation Market Initiative (SIMI), Nepal:

- DeBoer, John. 2007. "Study on Costs and Benefits of Multiple Use Services in Nepal." Winrock International.
- Marg, Sachetan and Naya Baneshwor. 2004. "Process and impact study of the multiple-use (hybrid) gravity water supply schemes in Palpa and Syangja Districts of West Nepal." Katmandu: Eco-Tech Consult (P) Ltd. Nepal Smallholder Irrigation Market Initiative (SIMI). Available at: <http://www.musproject.net/content/download/591/5441/file/MUS%20EcoTech%20study%20Nepal%20r.pdf>
- Pant, Dhruva, Kamal Raj Gautam and Sabita Dhakhwa Shakya. 2005. *Assessment of Multiple Use Schemes (MUS) Implemented under Smallholder Irrigation Market Initiative (SIMI)*. International Water Management Institute and Sama Bikas Abhiyan.
- Winrock International and International Development Enterprises. 2007a. "MUS Projects in the Indus-Gangetic Basin. Kharo Kola Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007b. "MUS Projects in the Indus-Gangetic Basin. Lessons and Conclusions Drawn from the IDE/Winrock Experience in Nepal." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007c. "MUS Projects in the Indus-Gangetic Basin. Senapuk Case Study." Winrock International and International Development Enterprises
- Winrock International and International Development Enterprises. 2007d. "MUS Projects in the Indus-Gangetic Basin. The Nepal Experience." Winrock International and International Development Enterprises.

Masvingo, Zimbabwe:

- Waughray, D.K., C.J. Lovell, and E. Mazhangara. 1998. "Developing Basement Aquifers to Generate Economic Benefits: A Case Study from Southeast Zimbabwe." *World Development*. 26, 10: 1903-1912

Bikita, Zimbabwe:

- Matthew, Brian. 2003. "The Ownership and Management of Productive Water Point Gardens in a Time of Drought, Zimbabwe." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.

Tamil Nadu, India:

- Palanisami K. and Ruth Meinzen-Dick. 2001 "Tank performance and multiple uses in Tamil Nadu, South India." *Irrigation and Drainage Systems*. 15: 173-195.

Bushbuckridge, South Africa:

- Perez de Mendiguren, Juan Carlos. 2003. "Productive Uses of Water at the Household Level: Evidence from Bushbuckridge, South Africa." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.
- Perez de Mendiguren, J.C. and M. Mabalane. 2001. *Economics of productive uses for domestic water in rural areas*. Acornhoek, RSA (AWARD Research Report).
- Soussan, J., S. Pollard, J.C. Perez de Mendiguren, and J. Butterworth. 2002. "Allocating water for home-based productive activities in Bushbuckridge, South Africa." *Water and Poverty: The Realities. Experiences from the Field*. Water for All Series. Asian Development Bank. Available at: http://www.adb.org/Documents/Books/Water_for_All_Series/Water_Poverty_Realities/Allocating_Water.pdf

Works Consulted—Case Studies

Gujarat, India:

- Upadhyay, Bhawana. 2004. *Gender Roles and Multiple Uses of Water in North Gujarat*. Working Paper 70. Colombo, Sri Lanka: International Water Management Institute (IWMI).

Thide, Mauritania:

- Bingham, Rachel. 2007. "Multiple Use Services: Meeting the Productive and Domestic Water Needs of the Rural Poor." Masters Thesis, Tufts University. May 2007.

Nicaragua:

- Alberts, J.H. and J.J. van der Zee. 2003. "A Multisectoral Approach to Sustainable Rural Water Supply: The Role of the Rope Hand pump in Nicaragua." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC.

Vietnam:

- Noel, S, Hoang, P. and Soussan, J. 2007. "The Impact of Domestic Water Supply on Small-scale Household-based Enterprises: Preliminary Evidence from Rural Vietnam." Unpublished. Stockholm Environment Institute.

Central and Northeast Morocco:

- Boelee, Eline. 2007. Power Point Presentation
- Boelee, Eline and Hammour Laamrani. 2003. "Multiple Use of Irrigation Water in Northern Morocco." In Butterworth, J., Moriarty, P., and van Koppen, B. (Eds). 2003. *Water, poverty and the productive uses of water at the household level: practical experiences, new research and policy implications from innovative approaches to the provision and use of household water supplies*. Proceedings of an international symposium held in Johannesburg, South Africa, 21-23 January 2003. Delft, The Netherlands, IRC International Water and Sanitation Centre.

Punjab, Pakistan:

- Boelee, Eline. 2007. Power Point Presentation

Sri Lanka (Uda Walawe):

- Boelee, Eline. 2007. Power Point Presentation
- Molle, F. and M. Renwick. 2005. *Economics and politics and of water resources development: Uda Walawe Irrigation Project, Sri Lanka*. Research Report 87. Colombo, Sri Lanka: International Water Management Institute (IWMI).

Works Consulted – Databases



Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Urban Extent. Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.

Center for International Earth Science Information Network (CIESIN), Columbia University; International Food Policy Research Institute (IFPRI), the World Bank; and Centro Internacional de Agricultura Tropical (CIAT), 2004. Global Rural-Urban Mapping Project (GRUMP): Gridded Population of the World, GRUMP (alpha). Palisades, NY: CIESIN, Columbia University. Available at <http://sedac.ciesin.columbia.edu/gpw>.

Demographics and Health Surveys (DHS). “Measure DHS.” Available at: <http://www.measuredhs.com/>

Food and Agriculture Organization of the United Nations (FAO). “Aquastat” database. Available at: <http://www.fao.org/ag/AGL/aglw/aquastat/investment/index.stm>

Thenkabail, P.S., Biradar, C.M., Turrall, H., Noojipady, P., Li, Y.J., Vithanage, J., Dheeravath, V., Velpuri, M., Schull, M., Cai, X. L., Dutta, R., 2006a. An Irrigated Area Map of the World (1999) Derived from Remote Sensing. IWMI Research Report (also see: <http://www.iwmigiam.org>). International Water Management Institute, Colombo, Sri Lanka. Pp. 74.

World Health Organization (WHO). “WHO World Health Survey.” Available at: www.who.int/research/en

World Health Organization (WHO) and United Nations’ Children’s Fund (UNICEF). “Joint Monitoring Programme for Water Supply and Sanitation database.” Available at: <http://www.wssinfo.org/en/watquery.html>