

References

- Abdullahi, A. (1997). *Colonial policies and the failure of Somali Secessionism in the Northern Frontier District of Kenya Colony, c. 1890–1968*. Thesis submitted for the Degree of Master of Arts. South Africa: Rhodes University.
- Aggarwal, P. K., K. Froehlich, A. Basu, R. Poreda, K. Kulkarni, S. Tarafdar, M. Ali, N. Ahmed, A. Hussain, and M. Rahman (2000). *A report on isotope hydrology of groundwater in Bangladesh: Implications for characterization and mitigation of arsenic in groundwater*. TC Project (BGD/8/016). Vienna: International Atomic Energy Agency (IAEA).
- Ahmed, K. M. (2011). Groundwater contamination in Bangladesh. In: Grafton, R. Q. and K. Hussey (eds.) *Water resources planning and management*. Cambridge: Cambridge University Press.
- Ahmed, S. U. (1986). *Dacca: A study in urban history and development*. London: Curzon Press.
- Akall, G. (2021). Effects of development interventions on pastoral livelihoods in Turkana County, Kenya. *Pastoralism*, 11 (1), 23. <https://doi.org/10.1186/s13570-021-00197-2>
- Akhter, T., M. Naz, M. Salehin, S. T. Arif, S. F. Hoque, R. Hope, and M. R. Rahman (2023). Hydrogeologic constraints for drinking water security in southwest coastal Bangladesh: Implications for Sustainable Development Goal 6.1. *Water*, 15 (13), 2333. <https://doi.org/10.3390/w15132333>
- Ali, T. (2016, November 6). Time to declare Turag dead. *The Daily Star*, front page.
- Armstrong, A., E. Dyer, J. Koehler, and R. Hope (2022). Intra-seasonal rainfall and piped water revenue variability in rural Africa. *Global Environmental Change*, 76, 102592. <https://doi.org/10.1016/j.gloenvcha.2022.102592>
- Armstrong, A., R. Hope, and C. Munday (2021). Monitoring socio-climatic interactions to prioritise drinking water interventions in rural Africa. *npj Clean Water*, 4 (1), 10. <https://doi.org/10.1038/s41545-021-00102-9>
- Baffoe, G., and S. Roy (2023). Colonial legacies and contemporary urban planning practices in Dhaka, Bangladesh. *Planning Perspectives*, 38 (1), 173–196. <https://doi.org/10.1080/02665433.2022.2041468>
- Bakker, K. (2011). Privatizing water: Governance failure and the world's urban water crisis. In: *Privatizing Water*. Ithaca, NY:
- Bartlett, R., and C. Milligan (2015). What is diary method? In: Crow, G. (ed.) *What is?* London: Bloomsbury Academic.
- BBS (2023). Population and housing census 2022. Dhaka: Bangladesh Bureau of Statistics, Ministry of Planning.
- BBS/UNICEF (2021). *Bangladesh MICS 2019: Water quality thematic report*. Bangladesh Bureau of Statistics, Government of Bangladesh and UNICEF.

- BELA v. GoB (2003). *BELA v. Government of Bangladesh and others (Tannery Case)*. Supreme Court of Bangladesh, High Court Division.
- Berg, A., H. Chhaparia, S. Hedrich, and K.-H. Magnus (2021, March 25). *What's next for Bangladesh's garment industry, after a decade of growth?* McKinsey & Company.
- Bishop, S. (2015). Using water diaries to conceptualize water use in Lusaka, Zambia. *ACME: An International E-Journal for Critical Geographies*, 14 (3), 688–699.
- Black, M. (1990). *From handpumps to health: The evolution of water and sanitation programmes in Bangladesh, India and Nigeria*. New York: United Nations Children's Fund.
- Bolger, N., A. Davis, and E. Rafaeli (2003). Diary methods: Capturing life as it is lived. *Annual Review of Psychology*, 54 (1), 579–616.
- Bourdieu, P. (1990). *The logic of practice*. Redwood City, CA: Stanford University Press.
- Bowrey, T. (1905). *A geographical account of countries round the Bay of Bengal, 1669 to 1679*. Cambridge: The Hakluyt Society.
- Broch-Due, V., and T. Sanders (1999). Rich man, poor man, administrator, beast: The politics of impoverishment in Turkana, Kenya, 1890–1990. *Nomadic Peoples*, 3 (2), 35–55. <https://doi.org/10.3167/082279499782409389>
- Bukachi, S. A., D. O. Omia, M. M. Musyoka, F. M. Wambua, M. N. Peter, and M. Korzenevica (2021). Exploring water access in rural Kenya: Narratives of social capital, gender inequalities and household water security in Kitui county. *Water International*, 46 (5), 677–696. <https://doi.org/10.1080/02508060.2021.1940715>
- Business Daily (2016, January 12). Property developers rush to invest in Turkana ahead of highway upgrade. Business Daily.
- Bussi, G., S. Shawal, M. A. Hossain, P. G. Whitehead, and L. Jin (2023). Multibranch modelling of flow and water quality in the Dhaka river system, Bangladesh: Impacts of future development plans and climate change. *Water*, 15 (17), 3027. <https://doi.org/10.3390/w15173027>
- BWDB-UNDP (1982). Groundwater survey: The hydrogeological conditions of Bangladesh. *UNDP Technical Report DP/UN/BGD-74-009/1*. Bangladesh Water Development Board (BWDB) and United Nations Development Programme (UNDP).
- BWDB (2013). *Coastal embankment improvement project, phase I – Environmental impact assessment of Polder 32*. Dhaka: Bangladesh Water Development Board.
- Byron, R. K., and M. Yousuf (2022). *World Bank to steer Dhaka rivers back to life*. *The Daily Star*.
- Cates, M. E., M. H. Bishop, L. L. Davis, J. S. Lowe, and T. W. Woolley (2004). Clonazepam for treatment of sleep disturbances associated with combat-related posttraumatic stress disorder. *Annals of Pharmacotherapy*, 38 (9), 1395–1399.
- Chintalapati, P., C. Nyaga, J. P. Walters, J. Koehler, A. Javernick-Will, R. Hope, and K. G. Linden (2022). Improving the reliability of water service delivery in rural Kenya through professionalized maintenance: A system dynamics perspective. *Environmental Science & Technology*, 56 (23), 17364–17374. <https://doi.org/10.1021/acs.est.2c00939>
- Collins, D., J. Morduch, S. Rutherford, and O. Ruthven (2009). *Portfolios of the poor: How the world's poor live on \$2 a day*. Oxford: Princeton University Press.
- Dalton, P. R. (1976). A socioecological approach to the control of *Schistosoma mansoni* in St Lucia. *Bulletin of the World Health Organization*, 54 (5), 587.
- Dalton, P. R., and D. Pole (1978). Water-contact patterns in relation to *Schistosoma haematobium* infection. *Bulletin of the World Health Organization*, 56 (3), 417.
- Damery, S., G. Walker, J. Petts, and G. Smith (2008). Addressing environmental inequalities: water quality. *Science report SC020061/SR2*. Bristol, UK: Environment Agency.
- Department of Economic and Social Affairs (2022). *World population prospects 2022: Summary of results*. New York: United Nations.

- Derbyshire, S. F. (2020). *Remembering turkana: Material histories and contemporary livelihoods in north-western Kenya*. Oxford: Routledge.
- DoE (2017). *Surface and groundwater quality report 2016*. Dhaka: Department of Environment, Ministry of Environment and Forest.
- DPHE (2019). *Status of water points for the month of June 2019*. Dhaka: Department of Public Health and Engineering.
- Dyer, E., and R. Washington (2021). Kenyan long rains: A subseasonal approach to process-based diagnostics. *Journal of Climate*, 34 (9), 3311–3326. <https://doi.org/10.1175/JCLI-D-19-0914.1>
- Elliott, M., T. Foster, M. C. MacDonald, A. R. Harris, K. J. Schwab, and W. L. Hadwen (2019). Addressing how multiple household water sources and uses build water resilience and support sustainable development. *npj Clean Water*, 2 (6). <https://doi.org/10.1038/s41545-019-0031-4>
- Ertsen, M., and K. Ngugi (2021). Ambivalent assets: The success of sand-storage dams for rainwater harvesting in Kitui County, Kenya. *Frontiers in Water*, 3, 676167. <https://doi.org/10.3389/frwa.2021.676167>
- Etyang, H. (2019). Turkana residents lament water scarcity, blame county for laxity. *The Star*, 26 November 2019.
- Etyang, H. (2021). Power disconnection plunges Lodwar into water shortage. *The Star*, 13 April 2021.
- EurEau (2020). The governance of water services in Europe. The European Federation of National Associations of Water Services.
- Fendorf, S., H. A. Michael, and A. van Geen (2010). Spatial and temporal variations of groundwater arsenic in South and Southeast Asia. *Science*, 328 (5982), 1123–1127.
- Fischer, A. (2019). Constraining risk narratives: A multidecadal media analysis of drinking water insecurity in Bangladesh. *Annals of the American Association of Geographers*. <https://doi.org/10.1080/24694452.2019.1570840>
- Fischer, A., R. Hope, A. Manandhar, S. Hoque, T. Foster, A. Hakim, M. S. Islam, and D. Bradley (2020). Risky responsibilities for rural drinking water institutions: The case of unregulated self-supply in Bangladesh. *Global Environmental Change*, 65, 102152. <https://doi.org/10.1016/j.gloenvcha.2020.102152>
- Fischer, A., R. Hope, P. Thomson, S. F. Hoque, M. M. Alam, K. Charles, N. E. Achi, S. Nowicki, S. A. I. Hakim, M. S. Islam, M. Salehin, D. Bradley, M. Ibrahim, and M. E. H. Chowdhury (2021). Policy reform to deliver safely managed drinking water services for schools in rural Bangladesh. *REACH Working Paper 11*. Oxford: University of Oxford.
- Foster, T. (2013). Predictors of sustainability for community-managed handpumps in sub-Saharan Africa: Evidence from Liberia, Sierra Leone, and Uganda. *Environmental Science & Technology*, 47 (21), 12037–12046. <https://doi.org/10.1021/es402086n>
- Foster, T., R. Hope, C. Nyaga, J. Koehler, J. Katuva, P. Thomson, and N. Gladstone (2022). Investing in professionalized maintenance to increase social and economic returns from drinking water infrastructure in rural Kenya. *Policy Brief*. Sustainable WASH Systems Learning Program and REACH Programme.
- Foster, T., and J. Willetts (2018). Multiple water source use in rural Vanuatu: Are households choosing the safest option for drinking? *International Journal of Environmental Health Research*, 28 (6), 579–589. <https://doi.org/10.1080/09603123.2018.1491953>
- FSD Kenya (2014). *Kenya financial diaries Shilingi Kwa Shilingi – The financial lives of the poor*. Nairobi: Financial Sector Deepening (FSD) Kenya and The Gateway Financial Innovations for Savings (GAFIS).
- GED (2015). Bangladesh Progress Report 2015. *Millennium Development Goals*. General Economics Division (GED), Bangladesh Planning Commission.

- General Economics Division (2018). *Bangladesh Delta Plan 2100*. Dhaka: Bangladesh Planning Commission, Ministry of Planning.
- Gorvett, Z. (2021). The ancient fabric that no one knows how to make. *BBC Future*, 17 March 2021.
- Gramling, C. (2013). Kenyan find heralds new era in water prospecting. *Science*, 341 (6152), 1327–1327. <https://doi.org/10.1126/science.341.6152.1327>
- Grasham, C. F., S. F. Hoque, M. Korzenevica, D. Fuente, K. Goyol, L. Verstraete, K. Mueze, M. Tsadik, G. Zeleke, and K. J. Charles (2022). Equitable urban water security: Beyond connections on premises. *Environmental Research: Infrastructure and Sustainability*, 2 (4), 045011. <https://doi.org/10.1088/2634-4505/ac9c8d/meta>
- Grey, D., D. Garrick, D. Blackmore, J. Kelman, M. Muller, and C. Sadoff (2013). Water security in one blue planet: Twenty-first century policy challenges for science. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 371 (2002). <https://doi.org/10.1098/rsta.2012.0406>
- Gunawansa, A., L. Bhullar, and S. F. Hoque (2013). Introduction. In: Gunawansa, A., and L. Bhullar (eds.) *Water governance: An evaluation of alternative architectures*. Cheltenham: Edward Elgar Publishing.
- Halder, A. K., C. Tronchet, S. Akhter, A. Bhuiya, R. Johnston, and S. P. Luby (2010). Observed hand cleanliness and other measures of handwashing behavior in rural Bangladesh. *BMC Public Health*, 10 (1), 545. <https://doi.org/10.1186/1471-2458-10-545>
- Halliday, S. (2001). *The great stink of London: Sir Joseph Bazalgette and the cleansing of the Victorian metropolis*. Cheltenham: The History Press.
- Hamilton, K., B. Reyneke, M. Waso, T. Clements, T. Ndlovu, W. Khan, K. DiGiovanni, E. Rakestraw, F. Montalto, C. N. Haas, and W. Ahmed (2019). A global review of the microbiological quality and potential health risks associated with roof-harvested rain-water tanks. *npj Clean Water*, 2 (1), 7. <https://doi.org/10.1038/s41545-019-0030-5>
- Haque, N. (2017). Exploratory analysis of fines for water pollution in Bangladesh. *Water Resources and Industry*, 18, 1–8. <https://doi.org/10.1016/j.wri.2017.05.001>
- Harriden, K. (2013). Water diaries: Generate intra-household water use data—generate water use behaviour change. *Journal of Water Sanitation and Hygiene for Development*, 3 (1), 70–80. <https://doi.org/10.2166/washdev.2013.015>
- Harvey, P., P. Ikumi, and D. Mutethia (2003). *Sustainable handpump projects in Africa*. Loughborough: Water Engineering and Development Centre, Loughborough University.
- Harvey, P. A., and R. A. Reed (2007). Community-managed water supplies in Africa: sustainable or dispensable? *Community Development Journal*, 42 (3), 365–378. <https://doi.org/10.1093/cdj/bsl001>
- Hirpa, F. A., E. Dyer, R. Hope, D. O. Olago, and S. J. Dadson (2018). Finding sustainable water futures in data-sparse regions under climate change: Insights from the Turkwel River basin, Kenya. *Journal of Hydrology: Regional Studies*, 19, 124–135. <https://doi.org/10.1016/j.ejrh.2018.08.005>
- Hogg, R. (1982). Destitution and development: The Turkana of north west Kenya. *Disasters*, 6 (3), 164–168. <https://doi.org/10.1111/j.1467-7717.1982.tb00531.x>
- Hong, S. C. (2018). Developing the Leather Industry in Bangladesh. *ADB Brief No. 102*. Asian Development Bank.
- Hope, R., A. Fischer, S. F. Hoque, M. M. Alam, K. Charles, M. Ibrahim, E. H. Chowdhury, M. Salehin, Z. H. Mahmud, T. Akhter, P. Thomson, D. Johnson, S. A. Hakim, M. S. Islam, J. W. Hall, O. Roman, N. E. Achi, and D. Bradley (2021a). Policy reform for safe drinking water service delivery in Bangladesh. *REACH Working Paper 9*. Oxford: University of Oxford.

- Hope, R., T. Foster, J. Koehler, and P. Thomson (2019). Rural water policy in Africa and Asia. In: Dadson, S. J., D. E. Garrick, E. C. P.-R. J. W. Hall, R. Hope, and J. Hughes (eds.) *Water science, policy, and management: A global challenge*. London: Wiley Blackwell.
- Hope, R., J. Katuva, C. Nyaga, J. Koehler, K. Charles, S. Nowicki, E. Dyer, D. Olago, F. Tanui, A. Trevett, M. Thomas, and N. Gladstone (2021b). Delivering safely-managed water to schools in Kenya. *REACH Working Paper 8*. Oxford: University of Oxford.
- Hope, R., and M. Rouse (2013). Risks and responses to universal drinking water security. *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 371 (2012). <https://doi.org/10.1098/rsta.2012.0417>
- Hoque, S. F. (2023). Socio-spatial and seasonal dynamics of small, private water service providers in Khulna district, Bangladesh. *International Journal of Water Resources Development*, 39 (1), 89–112. <https://doi.org/10.1080/07900627.2021.1951179>
- Hoque, S. F., and R. Hope (2018). The water diary method – proof-of-concept and policy implications for monitoring water use behaviour in rural Kenya. *Water Policy*, 20 (4), 725–743. <http://dx.doi.org/10.2166/wp.2018.179>
- Hoque, S. F., R. Hope, S. T. Arif, T. Akhter, M. Naz, and M. Salehin (2019). A social-ecological analysis of drinking water risks in coastal Bangladesh. *Science of The Total Environment*, 679, 23–34. <https://doi.org/10.1016/j.scitotenv.2019.04.359>
- Hoque, S. F., and R. Hope (2020). Examining the economics of affordability through water diaries in coastal Bangladesh. *Water Economics and Policy*, 06 (03). <https://dx.doi.org/10.1142/S2382624X19500115>
- Hoque, S. F., R. Peters, P. Whitehead, R. Hope, and M. A. Hossain (2021). River pollution and social inequalities in Dhaka, Bangladesh. *Environmental Research Communications*, 3 (9), 095003. <https://doi.org/10.1088/2515-7620/ac2458>
- Hoque, S. F., and M. Shamsudduha (2024). Water Risks and Rural Development in Coastal Bangladesh. *The Oxford Encyclopedia of Water Resources Management and Policy*. <https://doi.org/10.1093/acrefore/9780199389414.013.831>
- House of Commons (2022). Water quality in rivers. *Fourth Report of Session 2021–22*. Environmental Audit Committee.
- Howard, G., J. Bartram, A. Williams, A. Overbo, D. Fuente, and J.-A. Geere (2020). *Domestic water quantity, service level and health*. Geneva: World Health Organization.
- Islam, K. (2016). Our Story of Dhaka Muslin. *AramcoWorld*, p. 26.
- Islam, M. S., and E. O'Donnell (2020). Legal rights for the Turag: Rivers as living entities in Bangladesh. *Asia Pacific Journal of Environmental Law*, 23 (2), 160–177.
- Islam, S. S. (1985). The role of the state in the economic development of Bangladesh during the Mujib Regime (1972–1975). *The Journal of Developing Areas*, 19 (2), 185–208.
- Khan, N. S., S. Shawal, M. A. Hossain, N. Tasnim, and Paul G. Whitehead (2024). Assessing flooding extent and potential exposure to river pollution from urbanizing peripheral rivers within Greater Dhaka watershed. *Unpublished manuscript*. Bangladesh University of Engineering and Technology (BUET).
- Khan, S., Q. Cao, Y. Zheng, Y. Huang, and Y. Zhu (2008). Health risks of heavy metals in contaminated soils and food crops irrigated with wastewater in Beijing, China. *Environmental Pollution*, 152 (3), 686–692.
- Kisovi, L. M. (1992). Changing land use policy and population problems in Kitui district, Kenya. *Journal of Eastern African Research & Development*, 22, 92–104.
- KNBS (2019a). *Kenya population and housing census 2019. Volume I: Population by county and subcounty*. Nairobi, Kenya: Kenya National Bureau of Statistics.
- KNBS (2019b). *Kenya population and housing census 2019. Volume IV: Distribution of population by socio-economic characteristics*. Nairobi, Kenya: Kenya National Bureau of Statistics.

- Koehler, J., C. Nyaga, R. Hope, P. Kiamba, N. Gladstone, M. Thomas, A. Mumma, and A. Trevett (2022). Water policy, politics, and practice: The case of Kitui County, Kenya. *Frontiers in Water*, 4. <https://doi.org/10.3389/frwa.2022.1022730>
- Koehler, J., S. Rayner, J. Katuva, P. Thomson, and R. Hope (2018). A cultural theory of drinking water risks, values and institutional change. *Global Environmental Change*, 50, 268–277. <https://doi.org/10.1016/j.gloenvcha.2018.03.006>
- Kookana, R. S., P. Drechsel, P. Jamwal, and J. Vanderzalm (2020). Urbanisation and emerging economies: Issues and potential solutions for water and food security. *Science of The Total Environment*, 732, 139057. <https://doi.org/10.1016/j.scitotenv.2020.139057>
- Korzenevica, M., P. O. a. Ng'asike, M. Ngikadelio, D. Lokomwa, P. Ewoton, and E. Dyer (2024). From fast to slow risks: Shifting vulnerabilities of flood-related migration in Lodwar, Kenya. *Climate Risk Management*, 43, 100584. <https://doi.org/10.1016/j.crm.2024.100584>
- Kumar, S., P. Lal, and A. Kumar (2021). Influence of super cyclone “Amphan” in the Indian subcontinent amid COVID-19 pandemic. *Remote Sensing in Earth Systems Sciences*, 4 (1), 96–103. <https://doi.org/10.1007/s41976-021-00048-z>
- Lawson, C. C., G. K. LeMasters, and K. A. Wilson (2004). Changes in caffeine consumption as a signal of pregnancy. *Reproductive Toxicology*, 18 (5), 625–633.
- Ligate, F., J. Ijumulana, A. Ahmad, V. Kimambo, R. Irunde, J. O. Mtamba, F. Mtalo, and P. Bhattacharya (2021). Groundwater resources in the East African Rift Valley: Understanding the geogenic contamination and water quality challenges in Tanzania. *Scientific African*, 13, e00831. <https://doi.org/10.1016/j.sciaf.2021.e00831>
- Macharia, L. (2020). Turkwel Dam might overflow anytime from now – Water Resources Authority warns. *The Star*, 16 October 2020.
- Masinde, K., M. Rouse, M. Jepkirui, and K. Cross (2021). *Guidance on Preparing Water Service Delivery Plans: A manual for small to medium-sized water utilities in Africa and similar settings*. London: International Water Association.
- Maxwell, C., D. Olago, S. Dulo, and P. Odira (2020). Water Availability Analysis of Multiple Source Groundwater Supply Systems in Water Stressed Urban Centers: Case of Lodwar municipality, Kenya. *Journal of Civil & Environmental Engineering*, 10(2). <https://doi.org/10.37421/mccr.2020.10.339>
- McCabe, J. T. (1990). Success and failure: The breakdown of traditional drought coping institutions among the Pastoral Turkana of Kenya. *Journal of Asian and African Studies*, 25 (3–4), 146–160. <https://doi.org/10.1163/156852190X00021>
- McNicholl, D., and R. Hope (2024). Reducing uncertainty in corporate water impact: The role of Results-Based Contracting for drinking water supply. *Briefing note*. Oxford: University of Oxford and Uptime Global.
- McNicholl, D., R. Hope, A. Money, A. Lane, A. Armstrong, M. Dupuis, A. Harvey, C. Nyaga, S. Womble, J. Allen, J. Katuva, T. Barbotte, L. Lambert, M. Staub, P. Thomson, and J. Koehler (2020). Results-Based Contracts for Rural Water Services. Uptime consortium.
- Meth, P. (2003). Entries and omissions: Using solicited diaries in geographical research. *Area*, 35 (2), 195–205. <http://dx.doi.org/10.1111/1475-4762.00263>
- Ministry of Jalshakti (2024). *Jal Jeevan Mission* [Online]. Department of Drinking Water & Sanitation, Ministry of Jalshakti, Government of India. Available: <https://jaljeevanmission.gov.in/> (Accessed 25 February 2024).
- Mirdha, R. U. (2023). Tannery CETP needs renovation even before offering full service. *The Daily Star*, 4 July 2023.
- Mishra, R. R., and P. Upadhyay (2021). *Ganga: Re-imagining, rejuvenating, re-connecting*. New Delhi: Rupa Publications India.

- Mkutu Agade, K. (2014). ‘Ungoverned space’ and the oil find in Turkana, Kenya. *The Round Table*, 103 (5), 497–515. <https://doi.org/10.1080/00358533.2014.966497>
- MoEF (1997). Environmental Conservation Rules 1997. Dhaka, Bangladesh: Ministry of Environment and Forest (MoEF), Government of People’s Republic of Bangladesh.
- MoEFCC (2010). Bangladesh Environment Conservation (Amendment) Act, 2010. Dhaka, Bangladesh: Ministry of Environment and Forest (MoEF), Government of People’s Republic of Bangladesh.
- Mohammad, A. H., and M. Alauddin (2005). Trade liberalization in Bangladesh: The process and its impact on macro variables particularly export expansion. *The Journal of Developing Areas*, 39 (1), 127–150.
- Mooi, E., and M. Sarstedt (2011). *A concise guide to market research: The process, data, and methods using IBM SPSS statistics*. Heidelberg: Springer.
- Mottaleb, K. A., and T. Sonobe (2011). An inquiry into the rapid growth of the garment industry in Bangladesh. *Economic Development and Cultural Change*, 60 (1), 67–89. <https://doi.org/10.1086/661218>
- Mumma, A. (2005). Kenya’s new water law: an analysis of the implications for the rural poor. *International Workshop on African Water Laws: Plural Legislative Frameworks for Rural Water Management in Africa*. Johannesburg, South Africa.
- Munday, C., N. Savage, R. G. Jones, and R. Washington (2023). Valley formation aridifies East Africa and elevates Congo Basin rainfall. *Nature*, 615, 276–279. <https://doi.org/10.1038/s41586-022-05662-5>
- Munger, E. S. (1950). Water problems of Kitui District, Kenya. *Geographical Review*, 40 (4), 575–582. <https://doi.org/10.2307/211103>
- Mwiria, K. (1990). Kenya’s Harambee secondary school movement: The contradictions of public policy. *Comparative Education Review*, 34 (3), 350–368. <https://doi.org/10.1086/446951>
- MWR (1999). Sessional Paper No. 1 of 1999 on National Policy on Water Resources Management and Development. Ministry of Water Resources, Republic of Kenya.
- Ngware, M. W., E. N. Onsomu, and D. I. Muthaka (2007). Financing secondary education in Kenya: Cost reduction and financing options. *Education Policy Analysis Archives*, 15, 24–24. <https://doi.org/10.14507/epaa.v15n24.2007>
- Nicholas, A. S. (2018). *Turkana-dassanech relations: Economic diversification and inter-communal conflicts, 1984–2015*. Thesis submitted for the degree of Master of Arts in Armed Conflict and Peace Studies, University of Nairobi.
- Nowicki, S., S. A. Bukachi, S. F. Hoque, J. Katuva, M. M. Musyoka, M. M. Sammy, M. Mwaniki, D. O. Omia, F. Wambua, and K. J. Charles (2022). Fear, efficacy, and environmental health risk reporting: Complex responses to water quality test results in low-income communities. *International Journal of Environmental Research and Public Health*, 19 (1), 597.
- Nyaga, C., R. Hope, K. Charles, S. Nowicki, J. Katuva, P. Mugo, S. Hoque, D. Olago, M. K. Thomas, and A. Mumma (2024). Guaranteeing safe drinking water services for public schools in Kenya: A costed professional service delivery model for Kitui County. *REACH Working Paper 14*. University of Oxford.
- Nyaga, C. (2019). A Water Infrastructure Audit of Kitui County. Sustainable WASH Systems Learning Partnership, USAID.
- Nyanchaga, E. N. (2016). *History of water supply and governance in Kenya (1895–2005) lessons and futures*. Tampere, Finland: Tampere University Press.
- OAG (2019). Report of the Auditor-General on Lodwar Water and Sanitation Company Limited for the year ended 30 June, 2019. Office of the Auditor-General, Republic of Kenya.

- OCHA (2023). Horn of Africa Drought Regional Humanitarian Overview & Call to Action (Revised 26 May 2023). UN Office for the Coordination of Humanitarian Affairs.
- Olago, D., and F. Tanui (2023). Environmental Monitoring and Management Plan (EMMP) – Sustainable Use and Management of the Lodwar Alluvial Aquifer System, Turkana County, Kenya. REACH Kenya Programme (University of Nairobi and University of Oxford).
- Parker, J. (2020). A wasted Eden: Colonial water management and ecological change in Kitui, Kenya 1948–63. *Les Cahiers d’Afrique de l’Est/The East African Review*, 55. <https://doi.org/10.4000/eastafrica.1346>
- Paul, C. J., M. A. Jeuland, T. R. Godebo, and E. Weinthal (2018). Communities coping with risks: Household water choice and environmental health in the Ethiopian Rift Valley. *Environmental Science & Policy*, 86, 85–94. <https://doi.org/10.1016/j.envsci.2018.05.003>
- Pauli, B. J. (2019). *Flint fights back: Environmental justice and democracy in the Flint water crisis*. Cambridge, Massachusetts: MIT Press. <https://doi.org/10.7551/mitpress/11363.001.0001>
- Peters, R. (2022). ‘Bringing Back Golden Bangladesh’: *Decentered Regulation and the Political Economy of Water Pollution*. Dissertation submitted for the Degree of Doctor of Philosophy, University of Oxford.
- Price, H., E. Adams, and R. S. Quilliam (2019). The difference a day can make: The temporal dynamics of drinking water access and quality in urban slums. *Science of The Total Environment*, 671, 818–826. <https://doi.org/10.1016/j.scitotenv.2019.03.355>
- Prüss, A. (1998). Review of epidemiological studies on health effects from exposure to recreational water. *International Journal of Epidemiology*, 27 (1), 1–9. <https://doi.org/10.1093/ije/27.1.1>
- Quadir, F. (2000). The political economy of pro-market reforms in Bangladesh: Regime consolidation through economic liberalization? *Contemporary South Asia*, 9 (2), 197–212. <https://doi.org/10.1080/713658731>
- Ram, P. K., A. K. Halder, S. P. Granger, T. Jones, P. Hall, D. Hitchcock, R. Wright, B. Nygren, M. S. Islam, J. W. Molyneaux, and S. P. Luby (2010). Is structured observation a valid technique to measure handwashing behavior? Use of acceleration sensors embedded in soap to assess reactivity to structured observation. *The American journal of tropical medicine and hygiene*, 83 (5), 1070–1076. <https://doi.org/10.4269/ajtmh.2010.09-0763>
- Rampley, C. P. N., P. G. Whitehead, L. Softley, M. A. Hossain, L. Jin, J. David, S. Shawal, P. Das, I. P. Thompson, W. E. Huang, R. Peters, P. Holdship, R. Hope, and G. Alabaster (2019). River toxicity assessment using molecular biosensors: Heavy metal contamination in the Turag-Balu-Buriganga river systems, Dhaka, Bangladesh. *Science of The Total Environment*, 134760. <https://doi.org/10.1016/j.scitotenv.2019.134760>
- Ray, I., and K. R. Smith (2021). Towards safe drinking water and clean cooking for all. *The Lancet Global Health*, 9(3), e361–e365. [https://doi.org/10.1016/S2214-109X\(20\)30476-9](https://doi.org/10.1016/S2214-109X(20)30476-9)
- REACH (2016). The FundiFix model: Maintaining rural water services. *REACH Working Paper*. University of Oxford.
- REACH (2023a). Cost estimates for safe drinking water in schools and healthcare centres in Khulna District, Bangladesh. *Briefing Note*. University of Oxford.
- REACH (2023b). The SafePani model: Delivering safe drinking water in schools and healthcare centres in Bangladesh. *Story of change*. University of Oxford.
- REACH Dhaka (2023). *Water Quality of Rivers in Greater Dhaka* [Online]. Tableau Public Available: <https://public.tableau.com/app/profile/reach.dhaka/viz/REACHDhaka/Dashboardmain?publish=yes>.
- Reimann, C., K. Bjorvatn, B. Frengstad, Z. Melaku, R. Tekle-Haimanot, and U. Siewers (2003). Drinking water quality in the Ethiopian section of the East African Rift Valley

- I – data and health aspects. *Science of The Total Environment*, 311 (1), 65–80. [https://doi.org/10.1016/S0048-9697\(03\)00137-2](https://doi.org/10.1016/S0048-9697(03)00137-2)
- Rocheleau, D. E., P. E. Steinberg, and P. A. Benjamin (1995). Environment, development, crisis, and crusade: Ukambani, Kenya, 1890–1990. *World Development*, 23 (6), 1037–1051. [https://doi.org/10.1016/0305-750X\(95\)00016-6](https://doi.org/10.1016/0305-750X(95)00016-6)
- Sagris, T., and J. Abbott (2015). *An analysis of industrial water use in Bangladesh with a focus on the textile and leather industries*. Washington, DC: 2030 Water Resources Group.
- Schilling, J., T. Weinzierl, A. E. Lokwang, and F. Opiyo (2016). For better or worse: Major developments affecting resource and conflict dynamics in northwest Kenya. *Zeitschrift für Wirtschaftsgeographie*, 60 (1–2), 57–71. <https://doi.org/10.1515/zfw-2016-0001>
- Shahid, S. (2011). Trends in extreme rainfall events of Bangladesh. *Theoretical and Applied Climatology*, 104 (3), 489–499. <https://doi.org/10.1007/s00704-010-0363-y>
- Siddique, A., and S. Rahman (2019). Saving Buriganga a farce. *The Business Standard*, 11 December 2019.
- Slootweg, R., M. Kooyman, P. de Koning, and M. van Schooten (1993). Water contact studies for the assessment of schistosomiasis infection risks in an irrigation scheme in Cameroon. *Irrigation and Drainage Systems*, 7 (2), 113–130. <https://doi.org/10.1007/BF00880871>
- Sobhan, R. (1993). Structural maladjustment: Bangladesh's experience with market reforms. *Economic and Political Weekly*, 28 (19), 925–931.
- Tanui, F., D. Olago, S. Dulo, G. Ouma, and Z. Kuria (2020). Hydrogeochemistry of a strategic alluvial aquifer system in a semi-arid setting and its implications for potable urban water supply: The Lodwar Alluvial Aquifer System (LAAS). *Groundwater for Sustainable Development*, 11, 100451. <https://doi.org/10.1016/j.gsd.2020.100451>
- Tanui, F., D. Olago, G. Ouma, and Z. Kuria (2023). Hydrochemical and isotopic characteristics of the Lodwar Alluvial Aquifer System (LAAS) in Northwestern Kenya and implications for sustainable groundwater use in dryland urban areas. *Journal of African Earth Sciences*, 206, 105043. <https://doi.org/10.1016/j.jafrearsci.2023.105043>
- Tavernier, J.-B., J. Phillips, H. Oldenburg, and E. Everard (1684). *Collections of travels through Turkey into Persia, and the East-Indies*. London: Moses Pitt at the Angel in St. Pauls Church-yard.
- The Daily Star (2017). BGMEA signs PaCT for green production. *The Daily Star*, 1 October 2017.
- The Daily Star (2023). Bangladesh now home to half of top green factories worldwide. *The Daily Star*, 7 February 2023.
- The Water Act (2002). Kenya Gazette Supplement No. 107 (Acts No. 9). Nairobi, Kenya: Republic of Kenya.
- The Water Act (2016). Kenya Gazette Supplement No. 164 (Act No. 43). Nairobi, Kenya: Republic of Kenya.
- Therkildsen, O. (1988). *Watering white elephants?: Lessons from donor funded planning and implementation of rural water supplies in Tanzania*. Uppsala: Scandinavian Institution of African Studies
- Thomson, P., D. Bradley, A. Katilu, J. Katuva, M. Lanzoni, J. Koehler, and R. Hope (2019). Rainfall and groundwater use in rural Kenya. *Science of The Total Environment*, 649, 722–730. <https://doi.org/10.1016/j.scitotenv.2018.08.330>
- Turbow, D. J., N. D. Osgood, and S. C. Jiang (2003). Evaluation of recreational health risk in coastal waters based on enterococcus densities and bathing patterns. *Environmental Health Perspectives*, 111 (4), 598–603. <https://doi.org/10.1289/ehp.5563>
- Turkana County Water Act (2019). Kenya Gazette Supplement No. 7 (Turkana County Act No. 3). Nairobi: Republic of Kenya.

- UN (2010). *Resolution adopted by the General Assembly on 28 July 2010 – The human right to safe drinking water and sanitation*. Geneva: Office of the United Nations High Commissioner for Human Rights (OHCHR).
- UN (2015). *Report of the special rapporteur on the human right to safe drinking water and sanitation*. Geneva: Office of the United Nations High Commissioner for Human Rights (OHCHR).
- UNDP (2006). *Human development report. Beyond scarcity: Power, poverty and the global water crisis*. New York: Palgrave Macmillan and United Nations Development Programme.
- UNEP (2016). *A snapshot of the world's water quality – Towards a global assessment*. Nairobi: United Nations Environment Programme (UNEP).
- UNEP (2021). Progress on ambient water quality. Tracking SDG 6 series: global indicator 6.3.2 updates and acceleration needs. Nairobi, Kenya: United Nations Environment Programme.
- UNICEF/MICS (2019). Bangladesh Multiple Indicator Cluster Survey (MICS) – Round 6. UNICEF.
- Villanueva, A. (2016). Urban River Use and Risks: A Study of Practice along the Turag River in Dhaka, Bangladesh. Dissertation submitted for the MSc degree in Water Science, Policy and Management, University of Oxford.
- Wadira, S. O. (2020). *Hydrochemical Characteristics of Aquifers in Mwingi North-Kenya*. Dissertation submitted for the Master of Science in Geology (Hydrogeology and Groundwater Resources Management), University of Nairobi.
- Wang, X., T. Sato, B. Xing, and S. Tao (2005). Health risks of heavy metals to the general public in Tianjin, China via consumption of vegetables and fish. *Science of the Total Environment*, 350 (1–3), 28–37. <https://doi.org/10.1016/j.scitotenv.2004.09.044>
- WASREB (2019). *Guideline on provision of water and sanitation services for rural and underserved areas*. Nairobi: Water Services Regulatory Board (WASREB).
- WASREB (2022). *IMPACT – A performance report of Kenya's water services sector – 2020/21*. Nairobi: Water Services Regulatory Board.
- Whitehead, P., G. Bussi, M. A. Hossain, M. Dolk, P. Das, S. Comber, R. Peters, K. J. Charles, R. Hope, and S. Hossain (2018). Restoring water quality in the polluted Turag-Tongi-Balu river system, Dhaka: Modelling nutrient and total coliform intervention strategies. *Science of the Total Environment*, 631, 223–232. <https://doi.org/10.1016/j.scitotenv.2018.03.038>
- Whitehead, P., G. Bussi, R. Peters, M. Hossain, L. Softley, S. Shawal, L. Jin, C. Rampley, P. Holdship, and R. Hope (2019). Modelling heavy metals in the Buriganga River System, Dhaka, Bangladesh: Impacts of tannery pollution control. *Science of the Total Environment*, 697, 134090. <https://doi.org/10.1016/j.scitotenv.2019.134090>
- Whittington, D., J. Davis, L. Prokopy, K. Komives, R. Thorsten, H. Lukacs, A. Bakalian, and W. Wakeman (2009). How well is the demand-driven, community management model for rural water supply systems doing? Evidence from Bolivia, Peru and Ghana. *Water Policy*, 11 (6), 696–718. <https://doi.org/10.2166/wp.2009.310>
- WHO/UNICEF (2017). *Progress on drinking water, sanitation and hygiene – 2017 update and SDG baseline*. Geneva: World Health Organization (WHO) and the United Nations Children's Fund (UNICEF) Joint Monitoring Programme (JMP).
- WHO/UNICEF (2018). *Core questions and indicators for monitoring WASH in schools in the sustainable development goals*. Geneva: WHO/UNICEF Joint Monitoring Programme (JMP).
- WHO/UNICEF (2020). The Measurement and Monitoring of Water Supply, Sanitation and Hygiene (WASH) Affordability. WHO-UNICEF Joint Monitoring Programme (JMP), the UN-Water Global Assessment and Analysis of Sanitation and Drinking-Water (GLAAS) and an Expert Group on WASH Affordability.

- WHO/UNICEF (2023). *Progress on household drinking water, sanitation and hygiene 2000–2022: Special focus on gender*. New York: United Nations Children’s Fund (UNICEF) and World Health Organization (WHO) Joint Monitoring Programme for Water Supply, Sanitation and Hygiene.
- Wiseman, V., L. Conteh, and F. Matovu (2005). Using diaries to collect data in resource-poor settings: Questions on design and implementation. *Health Policy and Planning*, 20 (6), 394–404.
- World Bank (2015). *Resettlement action plan for Marich Pass-Lodwar 196 km A1 road*. Washington, DC: World Bank.
- World Bank (2018). *Benin – Rural water supply universal access program (English)*. Washington, DC: World Bank Group.
- World Bank (2022). Bangladesh Environmental Sustainability and Transformation Project. Project Appraisal Document.
- WSMTF (2023). *Water Services Maintenance Trust Fund – Impact summary, 2016–2023*. Nairobi, Kenya:
- Wutich, A. (2006). *The effects of urban water scarcity on sociability and reciprocity in Cochabamba, Bolivia*. Doctor of Philosophy, University of Florida.
- Wutich, A. (2009). Estimating household water use: A comparison of diary, prompted recall, and free recall methods. *Field Methods*, 21 (1), 49–68. <https://doi.org/10.1177/1525822X08325673>
- WWDR (2017). *The United Nations World Water Development Report 2017. Wastewater: The Untapped Resource*. Paris: UNESCO.