

Index

- affordability. *See* user payments
aquifer. *See* groundwater
- biosensor, 21
Bishwa Ijtema, 19–20
- colonialism, policies, 18, 61, 82
community-based management, 50, 74
COVID-19, 1, 21, 76, 81
- drought, 59, 81–82
- E. coli*. *See* water quality, drinking
effluent treatment plants. *See* water quality, river
- flash floods, 90
flood, riverine, 21
- groundwater
 Khulna, 39
 Kitui, 61
 Turkana, 93–94, 96
- habitus, 4
Harambee, 61
human rights for water, 63, 72
- informal markets. *See* water vending
- LOWASCO. *See* water service provider
- main source, drinking
 Dhaka, 25
 Khulna, 45
 Kitui, 64
 Lodwar, 84
Millennium Development Goal, 3
Multiple Indicator Cluster Survey, 48
- neoliberal, policies, 6, 29, 62
- oil, Turkana, 93
operation and maintenance
 handpump and kiosks, 72–74
 pond sand filter, 51
 tube wells, 52
- pastoralism, 81–82
polders, 36
professional maintenance service
 Fundifix, 74–75
 SafePani, 52–54
- rainfall
 Khulna, 36
 Kitui, 57–58
 Turkana, 78–79
rainwater harvesting. *See* water supply infrastructure
regulation
 drinking water, Kenya, 62–64
 fines, textiles, 29–30
 private, brand-led, 30
results-based funding. *See* professional
 maintenance service
- rights, river, 31
risk, 2, 4
 financial. *See* operation and maintenance
 institutional. *See* community-based management
- river
 Buriganga, 15–16
 Dhaleswari, 28, 31
 Turag, 22, 31
- salinity. *See* water quality, drinking
sanitation, 93
 Dhaka, 25
- schools
 Khulna, 43, 51, 54
 Kitui, 62, 69
- small water enterprises. *See* water vending
survey, household, 117–118
 Dhaka, 22–24
 Kitui, 64
 Lodwar, 84
Sustainable Development Goal, 3
 SDG target 6.1, 3
 SDG target 6.3, 3, 14

- tannery, relocation, 28, 31
- tariff structure
 - flat fees, 74
 - pay-as-you-fetch, 73
- tube well. *See* water supply infrastructure
- user payments
 - Khulna, 48, 51
 - Kitui, 69, 72
 - Lodwar, 84–87
- Water Acts, Kenya
 - the Water Act 2002, 62
 - the Water Act 2016, 63
- water diary, 8, 108–114
- water quality, drinking
 - E. coli*, 48, 69
 - Khulna, 46–48, 55
 - Kitui, 66, 69
 - Salinity, 39–40
- water quality, river, 19–21
 - dissolved oxygen, 19, 21
 - effluent treatment plant, 16, 31
 - heavy metals, 16, 19, 121
- water service provider
 - DWASA, 23
 - LOWASCO, 83–84, 87–89
 - rural, Kitui, 63
- Water Services Trust Fund, 64
- water source choices
 - Khulna, 45–46
 - Kitui, 66–67
- water supply infrastructure, 119
 - ATM-operated kiosks, 89, 95
 - handpump, 62
 - pipelined scheme, rural, 41
 - pipelined system, urban.
 - See* LOWASCO
 - pond sand filter, 41
 - rainwater harvesting, 43, 48–50
 - reverse osmosis, 42
 - sand dams, 60
 - tube well, 38–39
- water use behaviour, 98. *See also* water source choices
- water vending
 - Khulna, 41–42, 48
 - Lodwar, 91–92