



Job: Books Conferences News About Us Home Journals Home > Journal > Earth & Environmental Sciences > JWARP Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues JWARP> Vol.5 No.2, February 2013 • Special Issues Guideline OPEN ACCESS JWARP Subscription Rural Water Supply Management and Sustainability: The Case of Adama Area, Ethiopia Most popular papers in JWARP PDF (Size: 1580KB) PP. 208-221 DOI: 10.4236/jwarp.2013.52022 **About JWARP News** Author(s) Abebe Tadesse, Techane Bosona, Girma Gebresenbet Frequently Asked Questions **ABSTRACT** Wise utilization of water resources is becoming very important as world faces water crises. The main Recommend to Peers objective of this study was to investigate the rural water supply systems with case study in Adama area, in central Ethiopia. Both quantitative and qualitative data were collected and analyzed. Four sample water Recommend to Library schemes were selected and totally 148 (63 were female) representative households were selected for answering the questionnaires. Key informant interviews and group discussions were also conducted. The Contact Us study assessed issues such as community participation, water committee empowerment, management and governance of water supply schemes, women participation, functional status of water supply scheme, sanitation and hygiene issues, external support, and monitoring system of water supply schemes. The Downloads: 402,018 findings indicated that the community participation in planning and implementation was very good while monitoring mechanism of operation and management as well as community participation on choice of Visits: 1,009,237 technology was poor. The water schemes were located at reasonable distances i.e. less than 2 km in most cases and the time taken for round trip to fetch water from source was less than or equal to 30 minutes in Sponsors, Associates, ai most cases, however the gueuing time was more than an hour. The water supply was inadequate as only about 15% of beneficiaries could get 20 liters of water per day per capita. The water sources were exposed Links >> in many cases to human waste, wild life, livestock and uncontrolled flooding. Sanitary practices in the study area were poor as only about 3.4% had ventilated and improved pit latrine and open pit and/or open field

KEYWORDS

defecation were widely practiced.

Ethiopia; Rural Water Supply; Water Fee; Community Participation; Safe Drinking Water

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