

Assessment of Rain Water Harvesting Facilities in Esanland of Edo State, Nigeria

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ABSTRACT This paper examines the structural and environmental aspects of the use of underground wells in Esanland of Edo State. The structural aspects dealt with the structural condition of the wells which was observed to be poor because many wells had cracks and leakages, surface peelings, bad channels and coverings. The environmental aspects described the conditions of dust, smoke, household effluents, waste dumps, bushy surroundings, flooding and erosion affecting the wells. Due to these conditions, it was observed that water needs from the wells were not met adequately in the study area. To be able to meet with the demand, other sources of supply were sort and this affected the finances of the people. Data used for the study were obtained from primary and secondary sources. Analysis was simply descriptive statistics using tables.