

The Study of Rainwater Harvesting for Vulnerable Households in Water Prone Areas (Case: Bekasi Regency, Indonesia).

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- **Abstract:** Bekasi Regency is an area that consists of 23 sub-districts, located in West Java Province, Indonesia. There are 2 sub-districts, namely Bojongmangu District and Cibarusah District, which are considered as water prone areas. These two sub-districts are areas of drought and difficulty accessing piped water. Rainwater harvesting is a way to anticipate household water needs. Vulnerable household groups are groups of poor households who do not have access to water because they are in water prone areas and are unable to provide water independently. The research objective was to describe the harvesting capacity of rainwater for vulnerable families. The research method was carried out by collecting data on the size of the roofs of vulnerable family houses and then calculating the volume of rainwater that could be accommodated. The results of the study serve as directions for local governments to provide water harvesting facilities for vulnerable household groups.
- **Keywords:** Bekasi Regency, Bojongmangu District and Cibarusah District, vulnerable household groups