

IMPACT ASSESSMENT OF PUBLIC MARKET WASTAGE AND REFUSE IN

CAVITE

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DURRELL BUTCH ALVES AYON

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ABSTRACT

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The study was conducted to gather and establish baseline information on waste production, waste management and environmental effect of public market wastes in Cavite. Twenty-two respondents from 23 municipalities of Cavite were interviewed from January 2000 to February 2000.

A pre-tested questionnaire, which included demographic profile of the respondents and markets; waste production information; waste management information; economic profile; and environmental effect, was used to collect the necessary data for the attainment of the general objective of the study.

Volume of public market wastage and refuse generation in Cavite was large. Wastes were collected every market day and were commonly dumped to non-arable lands of each municipality. Daily collection of market wastes averaged to 549.16 kg per market. Large parts of these wastes were plastics and papers with 929.00 kg per day per market and 784.40 kg per day per market production, respectively.

Large production of wastes caused problems on waste disposal area and air, water and soil pollution but somehow gave income to scavengers.

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