

## ABSTRACT

The population growth rate of Bandung Regency which has increased by 1.55% annually has an impact on increasing the volume of waste that must be managed every day. Increasing volume of waste causes garbage to accumulate at the TPS. Waste transportation from TPS to TPA also experienced problems due to the lack of good garbage transportation system in Bandung Regency and was also constrained due to insufficient number of vehicles. To overcome these problems, improvements are needed to the garbage transportation system.

Kertasari Subdistrict is one of the sub-districts in Bandung Regency. In Kertasari Subdistrict, specifically Cibeureum Village and Tarumajaya Village, regional data categorization was made to facilitate PD. Kebersihan of the city of Bandung in improving the waste transportation system is based on the real conditions that exist in both villages. Then the data is processed using a simple cluster analysis method. After that the design of an information system was made to facilitate the managers in the Kertasari Subdistrict in determining alternative waste transportation systems in accordance with the conditions of each village. It is hoped that this system can help PD. Kebersihan of the city of Bandung or other parties to more easily obtain information or fix waste problems that occur in the District of Kertasari

*Keywords: Simple Cluster Analysis, Optimization of Waste Transport Systems, TPS.*