

## **ABSTRACT**

### **APPLICATION OF GIS FOR MAPPING THE DISTRIBUTION OF GEOGRAPHY TEACHER AND SOCIAL SCIENCE TEACHER OF JUNIOR HIGH SCHOOL AND SENIOR HIGH SCHOOL AT METRO CITY 2014**

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This research aims to study on the use of GIS in mapping the distribution of social studies and geography teacher at Junior and senior high school in Metro City's region in 2014. This research focused on map, GIS data and the distribution of social studies and Geography's teacher at Metro City.

This research uses descriptive informative method. Subjects in this study are sixteen schools. Object of this research is Spatial Data and Attribute Data. Collecting data with documentation, observation and interviews. Data were analyzed using data reduction, data presentation, as the basis for the interpretation and description of the data in making this research report.

The results in this study: (1) proved that the data like facilities, teacher of junior and senior high school in Metro city can be presented through maps and GIS. (2) that the distribution and the need for social studies and Geography's teacher at the Metro City region isnt spread evenly and infact, it encounter excess of social study and geography teacher and that data can be presented through the map.

**Keywords: Geographic Information System, Mapping, Database, Needs Teacher.**