

## **CHAPTER THREE**

### **METHODOLOGY**

This chapter describes: (1) the subjects, (2) the materials, (3) the procedures used in the collection of the data, and (4) the data analysis.

#### **3.1 SUBJECTS**

The subjects of the study are 335 officials who have been working at the Department of Environmental Quality Promotion. The subjects come from 5 divisions of the department: 1) Office of Secretary 2) Public Education and Extension Division 3) Environmental Information Center 4) Bureau of Public Participation Promotion 5) Environmental Research and Technology Center

#### **3.2 MATERIALS**

##### **Questionnaire**

The questionnaire is an instrument used for collecting data from all subjects in the Department of Environmental Quality Promotion. The material is separated into 3 parts.

**Part I Demography Background:** the questions aim to gain the background information of the subjects such as gender, sex, age, salary, education, religion, martial status, title, and division

##### **Part II Knowledge and understanding on Solid Wastes Management:**

- 1) Table 1: The questions aim to examine the knowledge and comprehension of the subjects on solid wastes management
- 2) Table 2 : The questions require the subjects to identify the provided lists of solid wastes items into the correct trash can

##### **Part III Environmentally Friendly Behavior on Solid Wastes Management**

- 1) Table 1: the questions ask the subjects about their frequency of environmentally friendly behavior on solid wastes management at workplace

- 2) Table 2: the questions ask the subjects about their frequency of environmentally friendly behavior of respondents on solid wastes management at home

### **3.3 PROCEDURES**

#### **Data Collection**

The researcher delivered the questionnaires to the subjects in every division by hand. Because the Environmental Research and Technology Centre is located in Pathumthani Klong 6, Pathumthani, the researcher went to disseminate the questionnaire by hand, and had all the subjects return all questionnaires by mail.

### **3.4 DATA ANALYSIS**

After data collection, variables were decoded, and data from questionnaires was be transferred into numbers for computation. The descriptive statistics, frequency of distribution, percentage, and mean were used to describe the data by using SPSS program version 14.1, Chi-square, and Pearson Correlation.

In short, this chapter has shown the subjects, the materials and the procedures used in the collection and analysis of the data. In the next chapter, the results of the study are presented.