

CHAPTER III

RESEARCH METHODOLOGY

The research methodology presents several theories that support the analysis in this thesis. This review is important not only to clarify the meaning of the term but also to give a clear description about the pattern and the other explanation related to those theories in order to make an accurate application in this analysis. In this chapter, the researcher presents some steps which will be done in this study. These steps include research design, research object, data sources, data collection technique, data analysis technique, and time and place.

3.1 The research design

The type of this research is qualitative research and the data are in the form of words or sentences. Creswell (2013:183) stated that qualitative method depend on text and image data, have uncommon steps in data analysis, and draw on various design. This research will use the descriptive qualitative research design as the main data of this research are the environment, nature, human and non human that will take from the drama by the titled *Replenish The Earth* by DM. Larson. Vanderstop and Johnston (2009:7) state that qualitative research produces a narrative or textual description of the phenomenon under study. The finding of qualitative research will not be in the form of statistic as quantitative method.

Based on Creswell (2013:200) descriptive qualitative method involves a detailed rendering of information about people, places or events in a setting, this might be a discussion that mentions a chronology of events, the detailed discussion of several themes or a discussion with interconnecting themes. The researcher tries to answer the research question by analyzing the drama script and quoting some sentences to

support the analysis. The researcher used the theory Ecocriticism and focused on the relationship between human and the nature.

The methods of this study solve the problem by collecting, analyzing and interpreting data. The researcher only describes or explains the incident that found in the object of the study without manipulating the data. The data will use to identify the environmental issues in the *Replenish the Earth* drama script.

3.2 Research object

The researcher chooses the drama script *Replenish the Earth* by D.M. Larson. From the drama script the researcher found some sentences that related to theory that used in this study. The researcher used Ecocriticism theory that focused on environmental issues.

3.3 The main sources of data

The main sources of the data is drama script *Replenish the Earth* by D.M. Larson. The researcher read and understanding the text to find the data for this research that are in the form environmental, nature, human and non human that related to the topic of Ecocriticism. Creswell (2013:185) stated that the qualitative researcher normally collect many different form of data, for example interviews, observations, documents, and audiovisual information instead of depend on only one data source.

The main theory that will use in this research is the theory of Ecocriticism by Greg Garrard. The researcher finds the information about the theory from books, article, journals and website. Internet also gives more information about the topic that will discuss in this research.

3.4 Data collecting techniques

To be able to get the detail information and the relevant data, the researcher will use the reading technique by reading the drama script carefully. Then the researcher will collect the relevant data by taking notes when she got the data the related to the topic. The process of data

collecting, the researcher will use four step namely careful, taking notes, classifying and interpreting data. The steps or technique that taken by the researcher to collect the data in this study as followed:

1. Reading

The first step to collect the data is by reading the drama script carefully. The researcher also read the drama script many times to get the related information about the topic. Reading carefully and many times make the writer easy to understand the objects and found the data that related to the topic

2. Taking notes

The second step is taking notes. After reading carefully and many times, the researcher understood and found the data that related to the topic. The data that the researcher found help the researcher to classify and interpreted the data. When the researcher found the data, the researcher take notes to make the researcher easy when the researcher wanted to classifying and interpreting the data. The data is the conversations from the drama scripts itself.

3. Classifying

The third step is classifying the data. After the researcher found the data, the researcher classified the data that related to the topic. The data classified according to the research question of this research. The data is about the words or sentences that proved the issues from the drama script.

4. Interpreting the data

The last step is interpreting the data. After the researcher classified the data, the researcher interpreted the data with the theory that used in this study. The researcher also gives the argument to make the interpretation trusted. By doing this step the researcher can answer the research question easily.

3.5 Data analysis

In analyzing the data the researcher reads the drama script *Relpenish the Earth* by DM. Larson carefully and tries to find the detail information that related to the topic that discussed in this research. Taking note will take as the object of the research to be analyzed. While doing the interpretation data, the researcher also look for other information from others. Then the data collection described further by the researcher. Finally the researcher will find the data that related to the topic that will be discussed. Miles and Hubberman (1994: 10) stated that a content analysis requires a systemic step. This research used the systemic step. First, all data in the source included. Then, those data reduced to the data that relevant to the topic that discussed in this research. The researcher categorized those data into several groups based on the theory. Finally, the data will display, verify and conclusion will draw.

3.6 Time and place

This research took place in library of Muhammadiyah University of Surabaya and other libraries that provided the data and sources of this research. The researcher also visited some library to help the researcher found the other sources. The researcher begun writes and analyzes this research since February 2017.