

**JAKE SULLY'S EFFORTS IN PRESERVING NATURE
AGAINST HUMAN'S GREED
IN JAMES CAMERON'S "AVATAR"**

THESIS

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**STUDY PROGRAM OF ENGLISH
DEPARTMENT OF LANGUAGES AND LITERATURE
FACULTY OF CULTURAL STUDIES
UNIVERSITAS BRAWIJAYA
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HUMAN'S GREED IN JAMES CAMERON'S "AVATAR"**

THESIS

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for the degree of *Sarjana Sastra***

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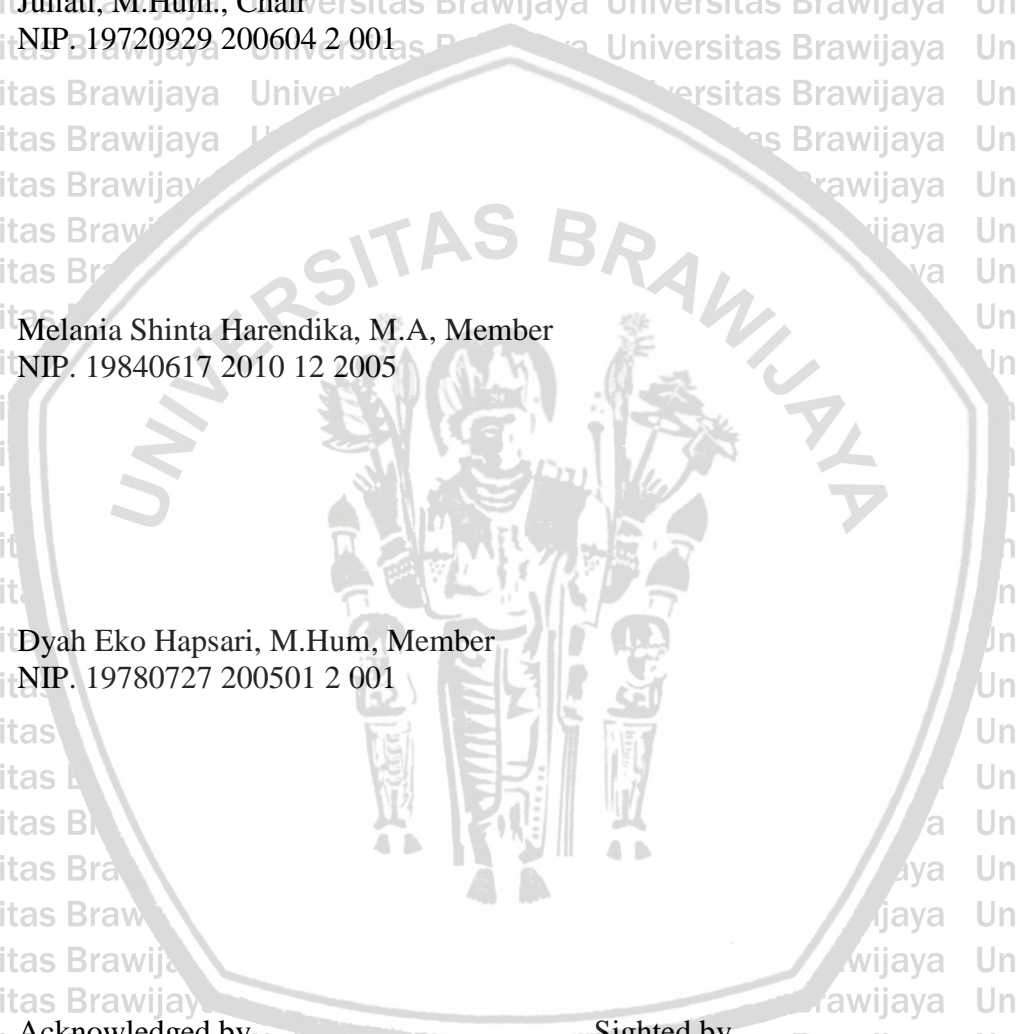
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ABSTRACT

Wijaya, Melissa. 2013. **Jake Sully's Efforts in Preserving Nature Against Human's Greed in James Cameron's "Avatar"**. Study Program of English, Department of Languages and Literature, Faculty of Cultural Studies, Universitas Brawijaya. Supervisor: Juliati; Co-supervisor: Melania Shinta Harendika.

Keywords: Jake Sully's efforts, preserving nature, human's greed, Avatar.

Nature has an ecological system that must be managed by all of human beings. Unfortunately, people are careless about their duties which then causes many environmental destructions. This research deals with man's efforts to save the nature as reflected by Jake Sully, the main character of *Avatar* movie. *Avatar* tells about a place in outer space named Pandora, it is a spot of unobtainium, grey rocks cost twenty million dollars/kg. There is a group of people who want to destroy Pandora to get the unobtainium. Because of that reason, the aim of this research is to reveal Jake Sully's efforts to save the nature. The theoretical framework is derived from the idea of ecocriticism.

In conducting this research, there are three steps taken as the methodology. First is deciding object material, *Avatar* movie. Second is analyzing and interpreting the texts. The material object will be analyzed by enclosing the screen capture and the script or dialogue related to the topic of discussion. The last is drawing the conclusion.

This research finds that the destruction of Pandora happens because of humans' greed. People destroy the nature to get their purposes which causes many negative impacts, because Jake Sully falls in love with Pandora, it becomes his reason to do some efforts. There are Jake Sully's efforts to preserve Pandora such as betraying the mission, preventing the military aggression by stopping the tractors which damage the trees, and leads the war against military aggression.

In conclusion, Jake Sully has become an agent of change to create a better world by preserving Pandora from humans' greed. He is aware that man and nature should live in harmony. The further researchers can analyze *Avatar* movie through another perspective such as semiotic criticism to analyze the signs in the movie.

ABSTRAK

Wijaya, Melissa. 2013. **Usaha Jake Sully untuk Menyelamatkan Alam dari Kecerakahan Manusia dalam Film Avatar yang disutradarai oleh James Cameron.** Program Studi Sastra Inggris, Jurusan Bahasa dan Sastra, Fakultas Ilmu Budaya, Universitas Brawijaya. Pembimbing: (I) Juliati (II) Melania Shinta Harendika.

Kata Kunci: usaha Jake Sully, menyelamatkan alam, kecerakahan manusia, film *Avatar*.

Alam memiliki sistem ekologi yang harus dijaga oleh semua makhluk hidup. Sayangnya, manusia lalai akan tugasnya sehingga banyak kerusakan lingkungan yang terjadi akibat ulahnya. Penelitian ini berkaitan dengan usaha manusia untuk menyelamatkan alam seperti yang tercermin dalam diri Jake Sully, tokoh utama dalam film *Avatar*. *Avatar* menceritakan tentang sebuah tempat di luar angkasa bernama Pandora yang merupakan sumber dari unobtanium, batu abu-abu yang memiliki harga dua puluh milyar dolar per kilogram. Ada sekelompok orang yang ingin menghancurkan Pandora untuk mendapatkan unobtanium tersebut. Karena alasan tersebut, penelitian ini bertujuan untuk membedah usaha-usaha apa saja yang dilakukan oleh manusia yang tercermin dalam diri Jake Sully untuk menyelamatkan alam. Kerangka teori yang digunakan untuk menganalisis film ini adalah ekokritisisme.

Dalam penelitian ini ada tiga tahapan metode penelitian. Yang pertama ialah menentukan objek penelitian, yaitu film *Avatar*. Kedua ialah menganalisis dan menginterpretasikan teks, lalu objek penelitian akan dianalisis dengan menyertakan potongan gambar dan naskah atau dialog. Yang terakhir ialah menuliskan kesimpulan.

Penelitian ini menemukan bahwa kehancuran Pandora terjadi akibat kecerakahan manusia. Manusia melakukan beberapa tindakan dengan cara merusak alam untuk memenuhi tujuannya sehingga menyebabkan banyak dampak negatif, karena Jake Sully jatuh cinta kepada Pandora, itulah yang membuat ia melakukan beberapa usaha untuk menyelamatkan Pandora. Berikut ini adalah usaha-usaha yang timbul dari diri Jake Sully seperti mengubah misinya, mencegah agresi militer, dan memimpin peperangan melawan agresi militer.

Kesimpulannya, Jake Sully telah menjadi agen perubahan untuk menciptakan dunia yang lebih baik dengan cara menyelamatkan Pandora dari kecerakahan manusia. Ia sadar bahwa manusia dan alam harus hidup dalam keharmonisan. Peneliti selanjutnya dapat menganalisa film ini dengan sudut pandang yang lain seperti kritik semiotik yang digunakan untuk menganalisis tanda-tanda apa saja yang terdapat dalam film *Avatar*.

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Malang, 31 Juli 2013

Melissa Wijaya

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CHAPTER I INTRODUCTION

This chapter presents the introduction of the research which covers background of the study, problem of the study, and objective of the study. Those sub chapters will conduct this research to the next chapter.

1.1 Background of the Study

God creates beautiful nature as His first masterpiece. God creates human to control and take care of the nature because it has such ecological system that must be managed by all of human being as plants, animals, and human. If one of them extincts, the ecological system will not be balanced. Rapoport (1969) says that the role of man is very important toward the nature conservation. It means that man's attitude toward the nature decides the continuity of nature. Sometimes, however, people are careless about their duties in this world. Nowadays, there are such crucial environmental issues as global warming, extreme weather, flood, and avalanche because of the degree of nature destruction is getting worse. Anup Shah (2012) strenghtens that "Rapid global warming can affect an ecosystems chances to adapt naturally. The Arctic is very sensitive to climate change and already seeing lots of changes."

There are such environmental issues happen over this world, for example: global warming, extreme weather, flood, and avalanche, as Kriegle (2007, para. 1)

defined that the main cause of global warming is the big amount of carbon dioxide that is released into the atmosphere by such human activities as industrial, farming, and deforestation activities. The pollution that is caused by human's activities will make Global warming is caused by the increase of greenhouse gasses, carbon dioxide, and methane. Those are the natural phenomena caused by human. Initially, global warming is considered as a trivial issue without any real form of action to repair the damage of nature. Unconsciously, there are many impacts from it. One of the examples is the extreme weather, as Edvin Aldrian (2010) warned that super-extreme level for the first time in the history, and this is much worse than in 1998, when La Nina caused extreme weather in the country. Idrus and Afrizal, 2013 in *The Jakarta Post*. p.5 reported that "floodwaters up to 2 meters deep, have forced arround 600 villagers of Air Bahoy hamlet in Sangadesa district. Musi Banyuasin regency, South Sumatra, to flee from their homes as rivers overflowed in the last two weeks." This fact strenghtens that there are many disasters happened in the environment. Avalanche also happened in Indonesia several times ago In *The global news community (2013)*, it is stated that children were evacuated from their homes were submerged in water, when Manado, hit by floods and landslides, on Sunday, February 17, 2013. There were more than 17 people dead landslides. This incident was caused by the rain which fell for two days without stopping.

All of that natural disasters sometimes are caused by human's action who do not care about the wholeness of nature and try to dig the richness of nature excessively; for example, flood can happen because many people like to throw the

rubbish in wrong places. Another example is many people who throw the rubbish to the river, so the river becomes full of rubbish so then the river water overflowed into the streets. As stated by Suhendar (2012), "The problem is public awareness for not littering is still lacking. Dizzy I take care of garbage piled up on the bridge Dayeuhkolot, because a lot of people who throw litter on the bridge."

Avalanche can also happen because of the illegal logging. Many people do illegal logging without thinking about the negative impacts as said by Frisella (2011, para. 3) "The infertile forest happens when humans do illegal logging." From the previous statement, it can be inferred that illegal logging becomes the trigger of avalanche because the soil cannot become solid without tree roots and it can easily damage the environment. All of the problems above portrays the destructions of nature.

Issues of the environment are now portrayed in some movies. There are many movies reflected the environmental issues, such as *Wall-E*, *The Day After Tomorrow*, *SpongeBob Squarepants*, *Avatar* and many more. This is because movie is one of the most effective tools to deliver messages or to discuss many issues that happen in the society. Movies also have a big power to influence the audience because through movie, serious problems can be packed in a simpler way without omitting the messages. Summerfield (2004), moreover, says that "a film can speak and evoke emotions, give us permission to talk about sensitive and controversial issues, create common basis for discussion."

As one of the fiction movies that present environmental issues, *Avatar* tells about people's greed to take unobtainium, one of the natural wealth in Pandora.

Pandora is in the outer space and it becomes a place for American in developing their Avatar program. There are groups of people that have some plans to destroy Pandora to take the unobtainium, a grey rock with high price. They will sell it in America to take much money. Jake Sully is one of the beginner marinirs that is sent by military people to go to Pandora, the area of Na'vi which is the spot of unobtainium. Pandora is a forest that is rich of natural wealth. The life in Pandora is harmonious, there is a good relationship between human and nature. The animals and plants got along with the Na'vi. Jake Sully is trapped in Pandora at his first time he visits Pandora, which is the beginning of his journey. In Pandora, there are some trees and one of them is a tree of Eywa, god of the Na'vi. In the beginning, Sully does the duties from the head of the military. He studies all of activities in Pandora, he learns how to be a good friend of Na'vi. Unconsciously, he falls in love with the forest and its inhabitants then he decides to struggle to maintain the forest along with the Na'vi. Finally, he wins the battle and becomes one of the avatars forever.

Thus, it can be seen that *Avatar* movie presents issues on environments. The writer chooses *Avatar* movie to study because the issue of greedy people in the natural snatch is clearly illustrated by the director of the film. That is one of the environmental issues in our environment nowadays. People try to get more money, regardless the destruction of nature. Those things cause many natural disasters happen in our environment. Pandora is like a forest, while military is depicted as greedy people who always try to dig the natural wealth excessively without thinking about the future world. Jake Sully, moreover, is depicted as a

person who tries to take care the environment and to maintain the nature conservation. This movie is an all-age movie, so this movie can be used as one of the good strategy to remind the audiences or spectators about the importance of protecting our environment.

This research uses the theory of ecocriticism. In William Rueckert's essay, "*Literature and Ecology: An Experiment in Ecocriticism*," (1978) says that "ecocriticism is the application of ecology and ecological concepts to the study of literature, because ecology (as a science, as a discipline, as the basis for human vision) has the greatest relevance to the present and future of the world." Strengthening the discussion about ecocriticism in the study of literature is very important, considering so many issues going on in the real environment around us. It also becomes a plus for this research and proves that ecocriticism has a big role for the future world.

The writer hopes the result of this study will broaden the readers' horizon to keep the nature alive and take the actions to preserve nature. People can be the agents of nature's recovery. For the further researchers, they can continue this research by using other perspective about ecocriticism because this issue has the greatest relevance to the present and future world.

1.2 Problem of the Study

Seeing the phenomena on the destruction of nature that happen in the environment, this research questions man's efforts to save the nature as reflected in Jake Sully's, the main character of *Avatar* movie.

1.3 Objective of the Study

Concerning the problem of the study above, the purpose of this study is to reveal man's efforts to save the nature as reflected in Jake Sully, the main character of *Avatar* movie.



CHAPTER II
REVIEW OF RELATED LITERATURE
AND RESEARCH METHODS

This chapter consists of theoretical foundations that support analysis and discussion in the next chapter. This chapter is divided into three sub-chapters, they are theoretical framework, previous study, and research methods.

2.1 Theoretical Framework

2.1.1 Ecocriticism

As a separate movement or school of literary criticism, ecocriticism started developing in the 1990s. Tosić (2006, p. 43) says that in the beginning, it was a meeting place of American critics dealing exclusively with American literature.

Ecocriticism is derived from the words 'eco' and 'criticism'. Tosić (2006, p. 44) claimed that 'eco' is from 'ecology', which is concerned on the relationships between living organisms in their natural environment. The criticism departs from people's concern with the relationships between literature and environment or how man's relationships with his physical environment are mostly reflected in the literature. The main interest on this criticism can be explained in two ways: (1)

man always exists within some natural environment, there cannot be *is* without *where* (Buell, 1991, p. 1091), (2) Survival of the earth, the greatest problem, became obvious in the twenty first century. Man is a life-long wanderer and always identified with physical and cultural environment. Man also feels vitally threatened in the ecologically degraded world. Tosić (2006, p. 44),

moreover, says that "Overexploitation of natural resources and man's disregard of the air, water and soil that sustain him have given rise to the question of the survival of both man and the planet (Earth)." In the end of the twentieth century, it is demanded that everyone had to do something to help the Earth survive.

Two different and distinct disciplines, ecology and literary criticism, are combined in order to restore the Earth's health, which was lost owing to man's wrongdoing.

This research will use Ecocriticism and Language Study from Tosić (2006), that consists of Deep Ecology, Environmental Imagination, Reimagination, Global Environment Culture, Environmental Unconscious, Ecocultural Habitat, Toxic Discourse, Literary Hazards, Language Pollution.

Deep ecology emphasizes the role of the individual as a citizen of the World and Earth to take a responsibility. It is important to see that this philosophy involves all the aspects of human life and thought. This is the summary of Deep Ecology principles formulated by Arne Naess and George Sessions (1984):

- 1) The well-being and flourishing of non-human life on Earth have value in themselves, independent of the usefulness of the non-human world for human purposes.
- 2) Richness and diversity of life-forms contribute to the realization of these values and are also values in themselves.
- 3) Humans have no right to reduce this richness and diversity except to satisfy vital needs.

4) The flourishing of human life and cultures is compatible with a substantial decrease of the human population. The flourishing of non-human life requires such a decrease.

5) Present human interference with the non-human world is excessive, and the situation is rapidly worsening.

6) Policies must therefore be changed. These policies affect basic economic, technological and ideological structures. The resulting state of affairs would be deeply different from the present.

7) The ideological change is mainly that of appreciating life quality rather than adhering to an increasingly higher standard of living.

8) Those who subscribe to the foregoing points have an obligation either directly or indirectly to try to implement the necessary changes.

From these eight statements, this research will use the following numbers: (1) The well-being and flourishing of non-human life on Earth have value in themselves, independent of the usefulness of the non-human world for human purposes. It is used to analyze that nature including all the living things in Pandora which have their own value out from human purposes; (2) Richness and diversity of life-forms contribute to the realization of these values and are also values in themselves. It will analyze the diversity of the living things in Pandora which also give values in themselves; (3) Humans have no right to reduce this richness and diversity except to satisfy vital needs. It is used to analyze that human include the military people in *Avatar* have no right to take the natural

wealth excessive; (5) Present human interference with the non-human world is excessive, and the situation is rapidly worsening. This statement will use to analyze that humans' interference portrayed in *Avatar* causing the nature damage; (7) The ideological change is mainly that of appreciating life quality rather than adhering to an increasingly higher standard of living. This statement will use to analyze that the ideological change needed by military people in *Avatar* to appreciate the life of the living things in Pandora and it starts from Jake Sully's ideology.

The term environmental imagination appear from the physical environment. Alan Gilpin (1994, p. 74) defines the physical environment as including "The built environment, the natural environment, and all natural resources, including air, land and water." The physical environment has a relationship with human as the inhabitant, so how one feels about that environment is an equally important fact. Lawrence Buell (1986) says that "Environmental imagination referring to how the physical environment shapes imagination." It means that what happened with the physical environment influences human's imagination. So, it is necessary to question or change one's attitudes to nature and all the other living beings to create reimagination.

The third element as Tosić (2006) claimed that the term global environmental culture denotes the ultimate broadening of one's insights and it finally leads to environmental unconsciousness in which the concerns for anywhere in the world becomes crucial. This phenomena is caused by man's activities as one of the reasons. As Tosić's (2006) opinion that man is rarely

satisfied with the satisfaction of his vital needs, immoderate economic schemes and constant economic growth are the reason why man often destroys the world in which he lives. So, because of that reason, ecocriticism appears as an agent of change in general globalization in the world.

The next element is ecocultural habitat. Man is different from other living beings, plants and animals can directly be endangered by the change of habitat.

Tosic (2006, p. 48) found that another important cause of extinction is habitat modification. The changed attitude towards soil involving the greater use of chemical causes the extinction of numerous species. Based on Jones' (1990) statement that "for everyone species which becomes extinct, approximately 30 other dependent species move into the 'at risk' category." These facts have led to the attempt at preserving the endangered species and establishing the protected areas. However, actions must be much broader and the whole society and all the individuals must be changed.

The last is about toxic discourse, literary hazards, or language pollution. Talking about three things above is related to pollution or polluting that cannot be avoided in any talk about man's environment today. Like Tosic (2006, p. 49) claimed that "hazardous waste and toxic substances discharges give rise to the changes in the biosphere which are "reflected in the impaired performance, reduced growth, lowered reproductive capacity and ultimately the death of individual organisms"."

From all of the description above, this research will focus on the discussion of deep ecology, environmental imagination and reimagination, global

environmental culture and environment unconscious, and pollution because they are the fundamental theories that will be used in the next chapter. From the Ecocriticism theory above, it can be concluded that man is always related to the environment and they cannot be separated from environment because actually they complete each other.

2.1.2 Nature

Nature includes the living things inside like plants, animals, and human. Nature is very rich, there are so many natural wealth inside the nature and it is strengthened by the statement from Ralph Waldo Emerson (1803), "Nothing is rich but the inexhaustible wealth of nature. She shows us only surfaces, but she is a million fathoms deep." Nature is created as an endorser of humans life and all of the living creatures. Humans, animals, and plants are three components that cannot be separated from nature. They are completing each other and make the ecosystem balanced. As Marx (1844, p. 158) says that humans live in the nature, nature is as their body, people must keep the relationship with the nature if they do not want to die. As physical and mental, humans are connected with nature, where human is a part of nature.

Here, human is God's highest creature than plants and animals because humans have common sense and power to manage the nature. God commanded humans to take care about the nature, people were created to be the lords over the animals and plants. Based on the environmental ethics principles, humans must respect the nature because human is a part of nature. Human is called to takes care of the nature for the benefit for each other. Jefferson (1803) strengthens that

nature and humans need each other to be beneficial. Humans also need both animals and plants. Human need animals to help their works, for example farmers need cows to plow up the farm. Plants are needed to make the air circulation balanced. Forests are parts of nature because they are places for the natural wealth, woods, water, and etc.

2.1.3 Forests and Their Function

Forests are essential to the Earth. The existence of forests give big influences to the continuity of world's life, so humans must keep the forest conservation. As stated in Forest Stewardship Council(1993)that "People should obey the rules of forest conservation such as keep the clean air and water, protect all of the forest's components."In the forests, the balance of ecosystem process happens naturally. World Wide Fund (1990) has a mission to build a future in which humans live in harmony with nature by conserving the world's biological diversity and ensuring that the use of renewable natural resources is sustainable.

The forest can deliver the functions of protection or conservation expected from it only if it is either in its natural state and under good natural ecological conditions or, when in use, it is managed in a sustainable manner. Gootle and Senne (1997) says that "Health and vitality of forests are very important. The health of forests is fundamental to many of their environmental functions."

Initially, all things start from the forests as a living place for the living creature. Human is a wildwood forests being, until humans study to hunts for their foods, before it, humans wander in the forests. Human and wildwood forests grow

and develop together, so, together with the development of the era, human needs a tool and it is called technology.

2.1.4 Technology

Technology exists because of human's necessity. Human from the past proceed together with the development of era and produce a tool that was known as technology. Technology can be said as the ideas or abilities that is poured into real object and it is operated by human. Machines can be defined as one of the kind of technology like Salim (1985, p. 2015) said, "Technology is a branch of knowledge that have relationship with buildings industry, machines, and etcetera."

According to Sudarsono (1993, p. 216), technology is a science about the building of industrial affairs. Technology as the application of human's ability have so many functions.

Beside to make all things works simpler, technology was created to help the development era. People are demanded to be more creative and creates so many new things. According to Alisyahbana in Miarso (2007, p. 131), technology is a way to do something to fullfill human necessity with the help of tool and intelligence, so it will makes part of the body, the five senses, and human's brain stronger. Technology is a tool that can help human to make every thing works simpler. Miarso (2007, p. 62) strenghtens that "technology is a process to increase the added value, that process use or produce a product,..." Technology makes one country to have a progression so that country can compete in this globalization era because technology always develops to be more modern and more sophisticated.

Technology can be seen from the ecological framework, so, by the development of technology, it creates so many sophisticated machines to help people in preserving nature. Based on Mosher's (1965) opinion, agriculture is one of the important aspects in life. The development of technology encourage agriculture revolution with the invention of machines and inovation of the farming process. Therefore, technology is created to make the existence of nature better than before. Angga (2013) says that agriculture tools develop from the level of planting process become a modern machine which can cultivate the broader land.

There are many products of technology in agricultural field, for examples: tractors, sprayer machines, plowing machines, production machines, lawn mower, and etcetera. For the application, that tools help the farmers cultivate their farms.

The tractor is used to plow the farm. The farmers usually use the cows to help them plowing their farm, tractor is more productive than cows. A sprayer machine is used to fertilize the farm, so, if usually the farmer fertilize their land manually and it needs a long time, by the help of the machine it can makes a farmer does the work easier in a short time. A production machine is used to produce good harvests, if people usually classify the harvests manually, technology makes them work easily. Lawn mower is used to cuts the grass, that machine helps people to work easier than before.

Technology also hasa negative side. Technology is dangerous if people do not use it as well as their function. Technology can destroy the living creatures.

Technology can cause negative effect to the world. According to Duffy & Cunningham(1996, p. 180)“Culture creates the tool, but the tool changes the

culture. Participants in the culture make these tools appropriate with their culture to meet their goals, and thereby transform their participation in the culture”

Using the technology, people can lose their common sense so technology will give negative impacts on the environment. People can do anything through the technology, so it must be followed with the right basic and also the right law.

The right law as the basic laws in every country that arrange the preservation of nature. One of the examples is Indonesia Constitution number 5 (1967) that claimed “Forests in Indonesia as a source of natural wealth and one of the element national presisting basic must be protected and used to the populace prosperity.”

2.1.5 Environmental Ethics

Environmental ethics is theory and practice about appropriate concern for, values in, and duties to the natural world. Baker and Richardson (1999) say that “Anaturalistic ethic is one in which humans are concerned about appropriate respect and duty toward those who are other than human.” So, it is important to know about the types of environmental ethics deeper.

There are types of environmental ethics based on Sholihah’s (2011) opinion:

1) Neo-Utilitarism Ethic

It emphasizes the goodness in all things, the goodness of environmental ethics are addressed to all the living creatures. They have right to get the harmony of nature.

2) Zoocentrism Ethics

It emphasizes to the rights of animals. Based on this ethic, animals have a soul, they have rights to live in peacefulness.

3) Biocentrism Ethics

It emphasizes the ability or the importance of all the living creatures' life. The importance of their life becomes a moral standard, so the appreciation is given to the existence of all the living creatures.

4) Ecocentrism Ethics

It emphasizes the connection between organisms with the other living creatures in ecosystem. This ethic strengthens about the balance between humans' importance with the importance of all the living creatures in ecosystem.

2.1.6 Man-Environment Field

Amos Rapoport (1969) will explain about the relationship between human and the environment. Rapoport (1969) believes that models of man view of the field has three different components, they are the mechanistic model of man, the perceptual-cognitive-motivational model of man, the behavioral model of man, and a social systems, ecological model of man. This research will use a social systems, ecological model of man because it is related to the problem of the study of this research. A central theme underlying this model is that human interpersonal behavior is part of a complex ecosystem which has several features.

In this part, there are some sub parts and this research will use one of them, that is mutual and dual impact between man and his environment.

There is a mutual and dual impact between man and his environment. Not only does the environment act upon men, but man acts on environments, in a true ecological sense. Thus, one often encounters the view that environments must be designed for people to be placed in, to fulfil their needs and to satisfy their purposes. Here, man becomes an environmental change agent, not merely a recipient of environmental influences. Furthermore, according to this approach, the environment becomes an extension of man's being and personality.

Rapoport (1969) says that Concepts such as territory (the use and possession of places), privacy (control of input from others) and personal space (spatial distances from others) all refer to an active, coping use of the environment by people, not merely reactive responses to environmental stimuli.

2.1.6.1 Humans' Efforts to Preserve Nature

People do so many efforts to reach their purposes and they have reasons in every effort, good or bad reason. In ecological framework, there are some reasons from the efforts done by people, such as the destruction of nature and the unbalanced nature that are caused by humans action. Extreme weather that is caused by the degradation of forest's function, flood that is caused by illegal logging, air and water pollution, and many more. There are some purposes also reached by people from their efforts, to create the stabilization and beautiful nature. The efforts to preserve the nature are explained in Indonesia Constitution number 23 (1997), the conservation of nature means the efforts to protect all of the living things in the nature to creates the better world.

Some efforts are needed to reach people's purposes, for examples: soil and air preservation, animals protection, stop the poaching and illegal logging, stop the forest fire, support the afforestation, and many more. The ideological change is the first important thing to do by people, after that people will do their efforts to save the nature. Naess and Sessions (1984) strengthen that the ideological change to creates better life quality is needed by all the people in the world. Burnam (1987) said that the Aborigines get successful in conservation campaign because they chose to become part of environment rather than to destroy it in the name of progress. Here, the term "green movement" refers to organized attempts by modern associations to change attitudes, values, and perceptions about the relationship between human beings and nature. Miranda Schreurs and Elim Papadakis (2009) found that individuals, groups, and organizations began campaigning for the conservation and preservation of natural areas and the protection of wildlife species. The efforts to preserve nature should start from individuals' consciousness then it will spread to the large community. Susilo (2012) said that some action as efforts as an active resistance to preserve the nature is necessary. If so many actions in preserving nature is neglected by people, there are some actions needed to against that deviation.

2.1.6.2 Humans' Greed

Everyone has their own standard to fulfill their daily needs. Based on the ecological framework, greed means take the natural resources excessively. There are institutions that organize the use of natural resources, but people usually take the natural resources excessively to reach their purposes. Angga (2013) supports

that every people understand the way to exploit the environment but they do not care about the limitation of the natural usage so they often damage their environment. People do not care about their environment, whether they give negative or positive impacts for their surrounding. Naess and Sessions (1984) also said that "Humans have no right to reduce this richness and diversity except to satisfy vital needs." It focuses on vital needs, not for many things which is not vital. Humans are usually greedy for their needs, unconsciously, they take the natural wealth excessive. Christ Santie MSC (2013) said that flood and avalanche happen in Manado was caused by human's greed, people give a priority in the process of buildings construction by damage their environment without care about the negative impacts. It can be concluded that human is greedy and careless. Pranadji and Pasandaran (2006) claimed that nature does not compromise with the greed. Nature cannot be pressed and threatened because nature has its own role and human can control the nature, unfortunately, human's greed because of economical factor drags them into destruction. Nature has a power to destroy human being if they cannot appreciate the existence of nature.

2.2 Previous Studies

Ecocriticism is interesting to be analyzed. A number of studies and essays, which are established upon this topic, have been conducted for period of time.

This sub chapter is the presentation of previous studies related to Ecocriticism.

The first study is entitled *Ecocriticism In Disney/Pixar Wall-E And The De-Greening Cycle*. It is conducted by Macro Andre Valente Madureira from University of British Columbia in 2012. In this study he discussed about how to

explore the presence of what called the de-greening cycle in a Hollywood movie, *Wall-E* (2008). Being the Hollywood universe a popular and powerful system, it has the capacity of disseminating contemporary scientific or philosophical discourses like no other. Thus, to analyze the existence of the de-greening cycle in *Wall-E* means to study the ecological content of the movie, while potentially disseminating the theory.

The second study is also related to Ecocriticism. It is written by Raditya Indrawardana from Faculty of Culture Studies Brawijaya University in 2012. His study is entitled *Isu Lingkungan Hidup Dalam Komik Doraemon Petualangan Seri 12 : Nobita Dan Kerajaan Awan*. He purposes to analyze the environment issues that discussed in *Doraemon Petualangan Seri 12 : Nobita Dan Kerajaan Awan* comic. He uses theory of Popular Culture and also Ecocriticism.

Nevertheless, this study has a different focus from those two studies above.

In this study, the writer is focused on the environment issues, the efforts to defend the nature and the living creature inside, the relationship between God's creation and technology by using Ecocriticism theory.

2.3 Research Methods

In conducting the research, there are three steps taken:

1) Deciding Object Material

The writer chooses a 2009 movie entitled *Avatar*, which is made by James Cameron, as the object material. This movie is very close with the discussion about environmental issues. This movie portrayed about the greed of people and the power of technology to get the natural wealth

excessive. The efforts to keep the forest and the habitat inside are also reflected in this movie, so that is the reason of this research uses *Avatar* movie.

2) Analyzing and Interpreting the texts

Here, the writer tries to analyze and interpret the content of the movie.

This movie is strong with the efforts of the main character (Jake Sully) in defend Pandora and human creature inside. The writer uses theory of Ecocriticism in analyze this movie because ecocriticism is a theory that related to environment and also literature. The material object will be analyzed by enclosing the screen cut and the script or dialogue. Beside seeing the evidences by the picture, the readers can read the script in the form of dialogues or statements from the movie.

3) Drawing The Conclusion

The conclusion will answer the problem of the study by the complete explanation in finding and discussion, and it will be concluded in the conclusion.

CHAPTER III

FINDING AND DISCUSSION

In this chapter, the destruction of Pandora and the efforts to preserve the nature as reflected in Jake Sully will be analyzed. It presents the finding of the research and the discussion of the research's findings. This chapter consists of two sub chapters, the first is the destruction of Pandora and then Jake Sully's efforts in preserving Pandora. There is no action without trigger, so the destruction of Pandora becomes a trigger for Jake Sully to preserve Pandora.

Pandora is in the outerspace. Pandora becomes a place for Americans in developing their Avatar program. Jake Sully is chosen to replace his brother's position, his job is acting as the tall blue creature like the Na'vi, the indigenous people there. Their posture is higher than usual human. Their weapon is arrows that dipped in a neurotoxin which can stop humans' heart in one minute. Human needs to use a filter mask there because the atmosphere of Pandora is different from earth's atmosphere, so, without the filter mask they will die. People know that Pandora contains of natural wealth, unobtainium, which is very expensive. It becomes a reason for people to take control over Pandora and expel the Na'vi to get the unobtainium.

3.1 Destruction of Pandora

Human cannot be separated from nature as Buell (1991, p. 1091) says that man always exists within some natural environment, there cannot be *is* without *where*. It means that human and environment have an absolute relationship. There

cannot be man without environment. However, people are careless about their environment and they do not appreciate the existence of nature which cause many kinds of the destruction of nature.

The destruction of nature often happens in this world because of many reasons, mostly, it is related to human, as Naess and Sessions (1984) found that “Present human interference with the non-human world is excessive, and the situation is rapidly worsening.” Excessive human interference can make the existence of such non-human world as plants, animals, air, water, soil, the organisms, and all of the natural resources become threatened. As reflected in *Avatar* movie, people destroy Pandora because of the economical reason, with technology as the tools they attack Pandora with three kinds of military aggression and there are some negative impacts of that destruction that will be explained in the following sub chapters.

3.1.1 The Reason Why People Want Pandora

Avatar is a program to make a duplicate of someone’s body into another appearance through the help of machine. In the process of developing *Avatar* program, Americans practice their *Avatar* program in Pandora. There is unobtainium in Pandora which is very expensive. Americans want to take the unobtainium and sell it when they are back to America. They must expel the Na’vi first to take control over Pandora. Here, unobtainium becomes a reason for American to take control over Pandora. People do something may because of both good and bad reasons. In the destruction of Pandora, there is a group of military who want to grab the unobtainium by destroying Pandora and all the living things

inside. As reflected in *Avatar* movie, the destruction of Pandora happens because of human's greed, which is caused by economical condition. Tosic (2006) assumes that man is rarely satisfied with the fulfilment of his vital needs.

Immoderate economic schemes and constant economic growth are the reason why man often destroys the world in which he lives. Sometimes, people's income is smaller than their expense, therefore, human always feels unsatisfied with their condition, and it makes them do many things to fulfil their needs. There are many ways to fulfil people's needs, one of the examples is destroying their environment.

The destruction of Pandora is caused by unobtainium, one of the natural wealth. Military people have plans to destroy Pandora and take the unobtainium because it has a high price. It is because of the economical reason that leads American through the military people to destroy Pandora. This can be seen from Parker's statements, the assistant of military leader.

Parker : This is why we're here. Unobtainium. Because this little gray rock sells for twenty million a kilo. No other reason. This is what pays for the party. And it's what pays for your science. (*Avatar*, 2009, min 13:02 - 13:26)

The statement above clearly portrays how expensive the unobtainium, because unobtainium costs twenty million a kilo. There is no other reason for them to destroy Pandora besides to take the unobtainium excessive. They will use the unobtainium for their party and for pays their research.



Figure 3.1 Unobtainium (Avatar, 2009, min 12:59)

Figure 3.1 shows unobtainium, a gray rock which has a fantastic price. It becomes a trigger for people to destroy Pandora and take that rocks.

Parker : Their damn village is sitting right over the richest unobtainium deposit for a hundred clicks in any direction. Which sucks for them because they need to relocate. (Avatar, 2009, min. 48:02 - 48:12)

The statement above clearly portrays that Parker and the others want to destroy Pandora because of unobtainium, if they attack all of Pandora side, they can be rich in a short time without any hard work. It is contradictory with Susilo's (2012) opinion that people have to be wise in using natural resources, they must apply the values that assure of the nature conservation in the future. Economy becomes a strong reason someone can do anything in terms of destroying nature. Economy usually leads people to be greedy. They take the natural wealth in Pandora forest excessively. There are many components in the forest that are such essentials for human's life in a long times as air, water, soil, and natural wealth. The excavation of unobtainium, one of the natural wealth, will contaminate all of them and decreasing their function in keeping the natural balance. Taking care of the forests is the important thing that must be done by all people in the world. The existence of the living things beside human have their own function in environment as

Naess and Session (1984) says the well-being and flourishing of non-human life on Earth has value in themselves, quit of the usefulness for human purposes. The non-human life have their own job beside fullfilling human needs, that is to take care the balance of nature. Nature has ecosystem rules that must be balanced.

3.1.2 Military Aggression and The Impacts

In *Avatar* movie, there are two groups of character. The first is human and the second is Na'vi. Human is represented by military people, whereas Na'vi is Pandora people. The humans are Jake Sully as the main character, Grace as a scientist, Trudy as one of the armies, Parker is the member of military people, and Quaritch as the head of military people. The other group is Na'vi which is also known by Omaticaya consists of Neytiri as the second main character after Jake, and she becomes Jake Sully's beloved. Mo'at as Neytiri's mother, Tsu'Tey as the warrior. They love their habitat very much. They have two hometrees and they called it as their god. One of them is sound tree and the next one is life tree, they called it as Eywa, their god. They respect the existence of nature, they consider the nature as their god who take care the balance of nature. The life in Pandora is very peaceful, Omaticaya and the non-human being have a close relationship. It is different with the condition of humans' world where they do not respect the nature so they can destroy the nature without thinking about the impacts. Military people destroy all of the peacefullnes in Pandora using their weapons like tractors, gunships or called Dragon, and also the robots. The aggression causes many

impacts as forest fire and also asphyxia. Asphyxia is a condition when people are hard to breathe because of the effect of gas.

Military aggression happens over Pandora because the Na'vi do not want to move from Pandora, they have right to preserve their land where people want to take the unobtainium quickly. Mulyati (2013) says that people have an ability to explore nature, so they can change nature as they want. They do all things to reach their purposes by many aggression and mobilize all armies use many kinds of technology as their tools.

Technology becomes a weapon to destroy Pandora. Technology is made by human and for human's sake. According to Alisyahbana in Miarso (2007, p. 131), technology is a way to do something to fulfill human necessity with the help from tool and intelligence, so as if it is extending, consolidate, made part of the body more strong, the five senses, and human's brain. Such machines as tractors, robots, gunships can be defined as one of the kind of technology as Salim (1985, p. 2015) said, "Technology is a branch of knowledge that have relationship with buildings industry, machines, and etcetera."

Technology in this movie has an important function to help people like the filter masks to help military people's respiration in Pandora. Technology, however, becomes a tool to cover the weaknesses of military people. The weaknesses can be seen from the body, the condition of their environment, their relationship with animals and plants. From the posture, Omaticaya is seven meters taller than usual human. The animals in Pandora can be used to be a tool of war, whereas in usual people's world they cannot make the war without the war tools.

The relationship between the Na'vi and the environment in Pandora is closer than human's in which human usually do not appreciate the existence of animals and plants.

In another side, technology can bring negative impacts for human and environment. According to Duffy & Cunningham (1996, p. 180) that culture creates the tool, but the tool can change the culture. People in the culture take these tools from their culture to meet their goals, and thereby transform their participation in the culture. From the previous theory, it can be inferred that technology is made by people to help them work easily, but technology changes people to do negative things, like destroying Pandora to seize the unobtainium. It can be proven by Grace's statement to Parker.

Parker : We built them school, we teach them English. But after, what? how many years? Relations with the indigenous are only getting worse.

Grace : That tends to happen when you use machine guns on them. (Avatar, 2009, min 12:42-12:54)

The dialogue above happens when Grace talks to Parker about the Na'vi who do not want to move from Pandora, in which the military people have built them a school and also teach them English as the way to make a deal with them to take the unobtainium. The fact is opposite to their expectation, the Na'vi do not want to move from Pandora and it is because the machine guns used by military people over Pandora.

Technology has an important role to do something negative, a military aggression to kill human and nature. Technology and humans' need meet in a conclusion that technology becomes a tool to fulfill humans' need by destroying

the environment. Military people use many kinds of technology starting from the avatar machine producing some avatars body and the war materials like gunships, guns, robots, tractors and the others. All of that technology are used by military people to do some aggression.

The first time they damage some of the trees and set the fire over Pandora.

This can be seen in Figure 3.2

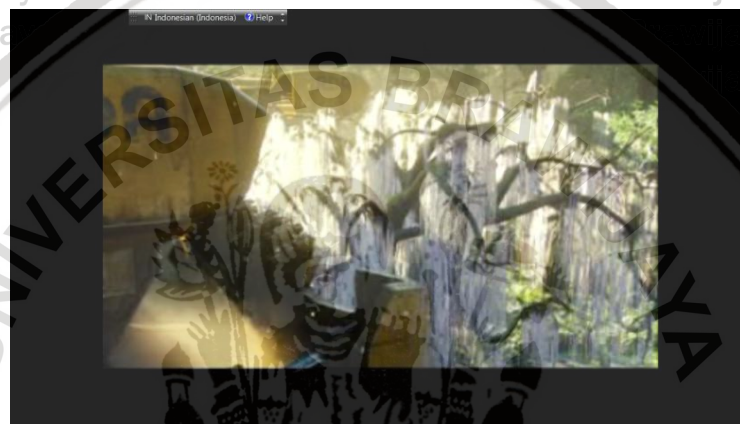


Figure 3.2 The tractor is operated by human to damage the trees (Avatar, 2009, min 01:22:27)

Figure 3.2 shows the first aggression over Pandora, it happens in the morning when Neytiri wakes up and she is shocked by many tractors which damage the trees in Pandora. Tractors is related to capitalism, where people use so many kinds of technology to takes the advantages excessively without thinking about the condition of nature.

There are many negative impacts happen from the military aggression. The first impact is forest fire. Forest fire happens because of the first aggression. The destroying machines destroy the trees, plants and the fire burn out the environment. Forests give people many natural wealth and multipurpose

advantages in a long time, but military people destroy the forests. It is a negative action which is contrary to the law of forestry. This can be seen in Figure 3.3.



Figure 3.3 Forest fire (Avatar,2009,01:24:07)

Forest fire kills the trees, plants, soil, the organisms, and the others. It is a damage to the balance of nature. Tosic (2006, p. 44) said that “Over exploitation of natural resources and man's disregard of the air, water and soil that sustain him have given rise to the question of the survival of both man and the planet (Earth).”

Beside the extinction of non-human life in Pandora, Omaticaya also feels vitally threatened in the ecologically degraded world because the fire burns all the natural wealth which have important functions toward the Omaticaya's needs. Gilpin (1994, p. 74) also defines the physical environment as including “the built environment, the natural environment, and all natural resources, including air, land and water.” It means that physical environment has relationship with human as the inhabitant, so what happens in the environment influences human's existence. If the environment is contaminated or destructed by human, human as the inhabitant will also get the impacts.

The next aggression, the head of military wants to destroy Pandora by gas.

The gas will make the Na'vi become asphyxia and some will be dead. It is strengthened by the statement from Quaritch, the head of military.

Quaritch : I can do it with minimal casualties to the indigenous.
We'll clear them out with gas first. It'll be humane.
(Avatar, 2009, min 01:10:10-01:10:14)

The statement from Quaritch above happens when the first aggression does not work well; Jake Sully, one of his men betrays the commitment. Quaritch, the head of military plans the next aggression that he will attack Pandora by gas first then he will set the fire toward the hometree. The dragon and its escort of gunships arrive over the trees. On the Dragon's stub-wings the 40mm rocket launchers open up with a barrage of leaping fire which flashes down and the inside of hometree are erupted with multiple explosions of teargas. The gas rolls across the confused villagers. They begin to cough and gag, in the clouds of teargas, the Omaticaya run, stumble, and collapse.

The aggression upon Pandora is not finished yet, the next aggression is attacking the hometree. Military people will destroy the hometree so Omaticaya will leave the hometree and they can take the unobtainium excessive. Hometree is a schackle between the Na'vi with their God, Eywa. Trudy, one member of the military group knows the plan and she tells it to Jake and Grace then they take the action to escape from the military mission and go to Pandora.



Figure 3.4 People will attack the hometree (Avatar, 2009, min 01:31:04)

Figure 3.4 explains the next aggression over Pandora, they will attack the hometree using the bombs to expel the Na'vi out of their home.

An incendiary round explodes inside the commons. Flames roar through the base of hometree. Inside the hometree, there is a burning smoky hell. Flames roar up the inside like a chimney. The Na'vi scramble outside, coughing, and dragging people with them. The second aggression gets success with the death of the hometree and gas attack over the Na'vi. The animals and the Na'vi lost their home because there are so many Na'vi and animals live in the hometree. After that, military people will do the next aggression which becomes the final aggression over Pandora.

The second aggression using gas attack can cause the Na'vi become asphyxia and some of them will be dead. The death of hometree makes the animals and the Na'vi lose their home because there are so many Na'vi and animals live in the hometree. Like Tosic (2006, p. 49) claimed that "hazardous waste and toxic substances discharges give rise to the changes in the biosphere which are "reflected in the impaired performance, reduced growth, lowered reproductive capacity and ultimately the death of individual organisms". It means

that gas attack causes the death of natural resources growth. The evidence can be seen from Figure 3.5, 3.6 and 3.7. Gas attack in the second aggression makes the Na'vi feel hard for breathing. The death of hometree becomes the impact of the second aggression. Those things make the Na'vi lose their home because that tree is a home for them and also for the animals in Pandora.



Figure 3.5 Hard breathing because of the teargas (Avatar,2009,min 01:36:05)



Figure 3.6 The death of hometree (Avatar, 2009, min 01:39:43)

That aggression can cause some negative impacts. Trees have a function to hold back the water in flood, so when the trees extinct, there is no water in the forest anymore, it caused the flood in the people residence. The death of trees automatically causes the lost of water resources, the death of the fruits as food, the death of organisms inside and under the trees, whereas the growth of trees take very long time. Tress also have some functions as an oxygen resource and become

lungs of the world. The important thing to be considered is taking care world's asset.



Figure 3.7 Na'vi's lose of their home (Avatar, 2009, min 01:41:28)

Figure 3.7 above shows the evidences of the impacts from military aggression. Gas attack happens in the second aggression, when Jake Sully fails in negotiation with Omaticaya. Besides the Omaticaya feel hard for breathing and the death of Omaticaya, there are the another negative impacts because of the aggression. The death of hometree becomes the important thing because the function of hometree for the Na'vi is as their god who gives them life and takes care of the balance of nature.

The final aggression is the biggest aggression, all of the military group go to Pandora, they bring all of the weapons with the armies and all of technology for war. Pink (2008) said that best efforts means "exercising the highest level of duty required." This is the efforts of military people to get the unobtainium, so they will do anything as their duty to reach their goal. This can be seen in Figure 3.8 when the head of military leads the war. He commands his armies to set the firebomb to destroy Pandora.



Figure 3.8 Quaritch commands to set the firebomb (Avatar, 2009, 01:36:17)

The head of military leads the military aggression over Pandora, he collects all of the armies and leads the meeting, he gives doctrines and burns the spirit of the armies to prepare the big final aggression. This can be seen from the statement below.

Quaritch : Everyone of this place, everyone of you, you are fighting for survival. That's a fact! There's an aboriginal horde out there massing for an attack. These orbital images show the hostiles' numbers have gone from a couple of hundred to over two thousand in one day, and more are pouring in. By next week it could be twenty thousand. Then they'll be overrunning our perimeter here. We can't wait. Our only security lies in preemptive attack. We will fight terror with terror. This mountain stronghold is supposedly protected by their deity. When we destroy it, we will blast a crater in their racial memory so deep they won't come within a thousand clicks of this place. (Avatar, 2009, min 02:00:26-02:01:30)

After the meeting, all of the armies prepare the gunships, guns, robots, bombs and all of the war materials. They attack Pandora and control all of Pandora's sides.

All of the aggressions give many negative impacts for Pandora as forest fire, the

death of hometree, and Omaticaya lost their home. All of that impacts pointed to the actions against the aggression of military people.

The reflection of the aggression in this scene can really happen in the real world. Sometimes, humans burn some forest areas in order to make new space for their live or their cultivation. That things reflects human's greed and human's ego without thinking about the continuity of the world. All of that negative impacts cause the degradation of the nature function to create better future world. It is need a serious action in preserve the conservation of nature.

3.2 Jake Sully's Efforts to Preserve Pandora

Jake Sully is the beginner marinir and there is deformity on his legs. He is asked by military people to replace the position of his twin in doing the mission of Pandora's destruction. For the beginning, he only does this mission because of the persuasion from the head of military. He will give the operation cost to Jake's leg.

One day, Jake is trapped in Pandora and he can go back to the real world safely through Avatar machine. Pandora has a rule that not all people can enter Pandora.

Seeing Pandora's life, good relationship between people and environment there, people's appreciation on the existence of nature, their taking care of the environment and their bounding with all of the plants and animals, Jake falls in love with Pandora and Omaticaya, Pandora people. From his experience in

Pandora, Jake is aware of his role in this mission. He does not want to destroy Pandora, he tries to preserve it, he does not want to obey the mission from the head of military. Susilo (2012) said, it needs the comprehensive actions to save and preserve the nature if we know the condition of our environment have been

damaged. There must be a concrete efforts. Effort comes from a reason and effortis needed to reach some purposes; Jake Sully's effort to preserve Pandora is caused by his love to Pandora, his purpose is taking care of thenature of Pandora.

3.2.1 The Reasons of Jake Sully's Betrayal

Jake Sully decided to betray the mission from the head of military. Pandora is a beautiful place that makes Jake Sully feels happy to be there than in his real world. Pandora serves the beauty of nature and peacefulness for the inhabitant. Jake Sully awares of his wrong mission from the head of military. He does not want to kills Pandora but rather preserves Pandora. The beauty of Pandora, the relationship between Omaticaya and the spirit of nature, also the harmonious relationship between Omaticaya and the other living creatures are the reason of Jake Sully's betrayal.

3.2.1.1 The Beauty of Pandora

In the middle of the mission, Jake says honestly to Omaticaya, at the first time he was commanded by head of military to go to Pandora and do the mission to help military people destroy Pandora, but it changes by the time. Jake loves nature, he loves Pandora forest and Omaticaya. So he changes his mission from helping the military people to destroy Pandora to get the unobtanium becomes preserving Pandora and Omaticaya.As Mulyati (2013) strenghtens, if humans love nature by taking care and preserving it,nature will assure humans' life in the peacefulness and happiness. There is mutual and dual impacts between nature and humans. Human is a part of the enviornment which cannot be separated, they need

to love all of the living creatures beside themselves. Nature will give positive feedback toward humans if they treat nature in a positive way.

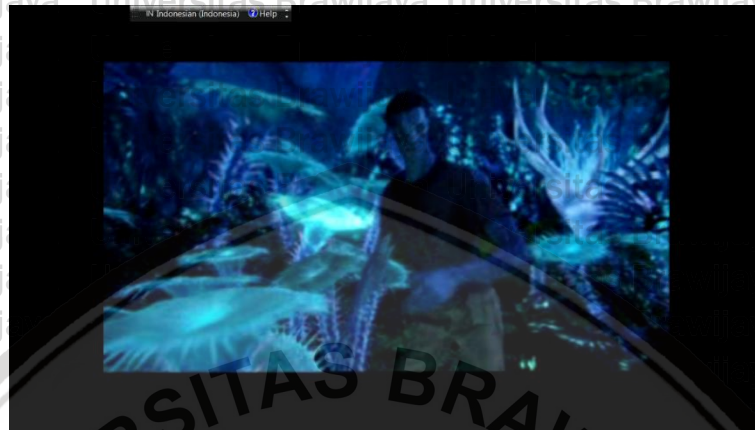


Figure 3.9 (Avatar, 2009, 01:33:07- 01:33:12)

Figure 3.9 shows the beauty of Pandora. It becomes his reason of betraying the mission from military people. Mulyati (2013) said, loving nature is a duty of every people in the world. So, Jake Sully as a human starts his duty to loves nature and it will create a beautiful nature.

In the journey of the mission, unconsciously, Jake Sully falls in love with Pandora. He watches the beauty of Pandora like a heaven in the world because he never see a place as beautiful as Pandora. It can be seen from Jake Sully's prayer under the tree of life.

Jake : See the world we come from. There is no green there, they kill their mother and they will do the same thing here. (Avatar, 2009, min 02:03:59)

From the statement above, it can be seen that Jake Sully understands the condition in his real life which is full of natural destruction. He awares that Pandora is peacefull and it becomes his reason of betraying the mission from the head of military.

The first time Jake Sully is trapped in Pandora, he sees the plants are glowing in the dark night and it becomes his first experience to see that.



Figure 3.10 Jake admires the beautiful Pandora (Avatar, 2009, min 36:00)

Figure 3.10 shows the great beautiful nature in Pandora. The figure above shows that Jake watches his surroundings carefully. Nature is very rich and beautiful as

Ralph Waldo Emerson (1803) strengthens that “Nothing is rich but the inexhaustible wealth of nature. She shows us only surfaces, but she is a million fathoms deep.” As Mulyati’s (2013) opinion that the beautiful environment will bring positive influences for humans’ health. So, humans’ condition depends on the condition of their environment.

The beauty of sound tree also becomes Jake’s attention. The beauty of sound tree become as the evidence that Pandora is protected by the goodness of nature.

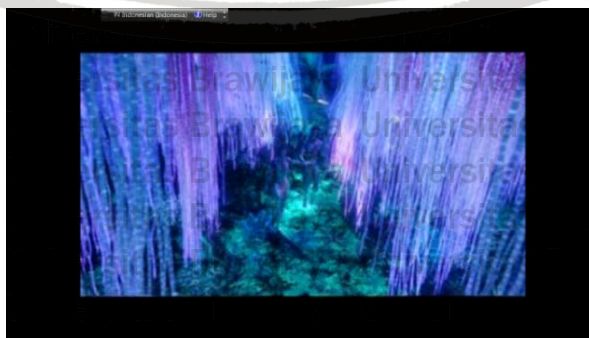


Figure 3.11 Jake walks in the sound tree (Avatar, 2009, min 01:18:38)

Jake is also interested in the unique animals in Pandora which increase the beauty of Pandora.

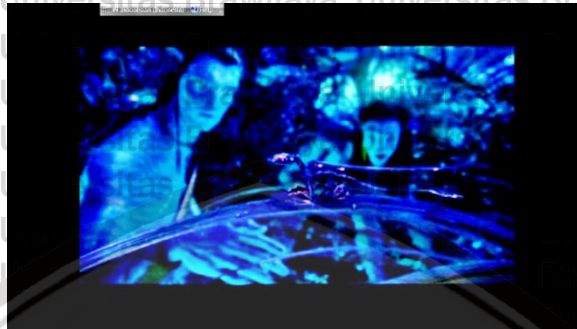


Figure 3.12 Unique animal (Avatar, 2009, min 01:09:09)

The unique animal shows the beauty of Pandora in Jake's view. This animal will shine the light up in the dark and spin when somebody touch his body. This uniqueness makes people happy to see that. This beauty is caused by the awareness of the Na'vi to respect and care about nature. Nature will give positive responds to humans and nature will provide humans' needs. There is such mutual and dual relationship between human and nature as Rapoport (1969) says that there is mutual and dual impact between man and his environment, not only does the environment act upon men, but man acts on environments, in a true ecological sense.



Figure 3.13 The animal shine (Avatar, 2009, min 01:09:13)

The beautiful portrait of Pandora reflects the efforts of Omaticaya to respect their environment. Baker and Richardson (1999) also strenghtens that environmental quality is necessary, though not sufficient, for quality of humans life. It means that environmental quality influences the quality of humans life, for examples: the air pollution and dirty water can make the diseases on inhabitant's life. Healthy environment will makes the inhabitant healthy.

3.2.1.2 The Relationship between Omaticaya and the Spirit of Nature

In Pandora there are some trees that become a sacred tree. One of them is the tree of life and that is a place for god of the Na'vi, named Eywa. They believe that Eywa lends them the energy of life and one day they will give it back to their god. Jake tries to know Pandora deeper through the connection system between Omaticaya and their god who bring the spirit and life. Eywa also takes care the balance of nature.



Figure 3.14 Eywa comes to Jake (Avatar, 2009, min 39:10)

Figure 3.14 shows that Eywa comes to Jake's body and for the first time he does not know what and who is the Eywa, but Neytiri explains him about Eywa.

Jake : I tries to understand the deep connection that people have with the forest. She talks about a network of energy that flows to all living things. They see a network of energy that flows through all living things. They know that all energy is only borrowed. And one day you have to give it back. (Avatar, 2009, min01:08:00)

From the statement above, it can be seen that Jake tries hard to know deeper about the Omaticaya's life. He tries to understand about the deep connection between Omaticaya and the living things inside Pandora. Jake also learns how to understand the bounding between the Na'vi and their god through the sound tree, where they can have an intimacy with Eywa. They can pray and communicate with their god, they can hear the voice of sound tree. The voice of their ancestors who live within Eywa.

Neytiri : This is a place for prayers to be heard. And sometimes answered. We call this utraya mokri -- the Tree of Voices. The voices of our ancestors, who live within Eywa.

Jake : I can hear them

Neytiri : They live Jake, in Eywa. (Avatar, 2009, min 01:19:05-01:19:30)

From the dialogue above, it can be seen that Jake learns to believe the power of nature. People should appreciate the existence of nature, because nature has a soul and power. Shepard (1991) strenghtens that "We must affirm that the world is a part of our own body." The statement from Shepard support that as a human, people should respect the nature as well as they respect their own body.

Grace is shooted by the head of military people in the way to Pandora because they escape from military people. Jake who trust the Omaticaya's belief asks help from Eywa. Jake brings Grace's avatar body and her real body under the tree of life to pray to Eywa.



Figure 3.15 Jake tries to heal Grace by the help of Eywa (Avatar, 2009, min 01:33:40)

Figure 3.15 above shows that Jake Sully believes that Omatiyicaya's god can heal Grace because she has a power. Rapoport (1969) says that nature can act upon man, not only man acts upon the nature. Eywa is their god who lends them energy and one day they will give the energy back to their god. That consciousness makes them appreciate the existence of nature and the other living creatures. They believe that all of the living creatures is created by one god, as their great mother, Eywa.

3.2.1.3 The Harmonious Relationship in Pandora

Omatiyicaya appreciate the existence of nature, plants and animals. They have a good relationship with the other living creatures such as plants and animals. The evidence of the harmonism of Pandora can be seen in the dialogue below, when Jake Sully is trapped in Pandora at the first time.

Neytiri : Forgive me, my brother, May your spirit runs with the Great Mother.

Jake : Thank you for save me.

Neytiri : This is your fault. They did not need to die.

(Avatar, 2009, min 36:49–37:09)

The dialogue above happens when Jake is trapped in Pandora and Neytiri saves him from the animal's attack. The dead of the animals there makes Neytiri sad because the animals in Pandora become their brother. Animals also have a spirit so they pray for the dead animals so their spirit be with the Great mother. Great mother means their god, named Eywa.

Jake also learns how to has a good relationship with the animals in Pandora, how to feel the animals and how to be bound with them. This can be seen from the dialogue below.

Neytiri : That is Tshaylu. A “bounding”. Feel her. Feel her heart beat, her breath, feel her strong legs. (Avatar, 2009, min 50:35-50:52)

The dialogue above shows that Jake learns from Neytiri how to respect the animals in Pandora. Animals in Pandora also have spirit and soul, they must be appreciated by humans. Based on the Zoocentrism Ethics in Sholihah (2013) that emphasizes to the rights of animals. Humans must appreciate animals' life and takes care of them.

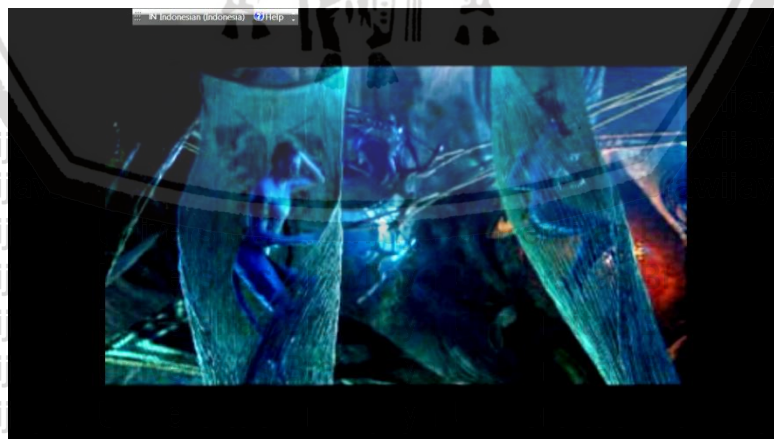


Figure 3.16 Jake sleeps in the air space (Avatar, 2009, min47:07)

From figure 3.16, it can be seen that Jake starts to be one with the nature. As Jefferson (1803) strengthens that nature and humans need each other to be beneficial. Nature gives humans places for live and humans should appreciate the existence of nature. They cannot be separated and they need each other.



Figure 3.17 Jake is diving with Neytiri (Avatar, 2009, min 01:09:40)

Jake tries to know all the living things in Pandora, so he explores all of Pandora's field. He gets peace in Pandora, different from the condition in the world that the nature has been destructed by people who do not care about the negative impacts.

Jake also tries to be brave to follow the Omaticaya's rule that every Na'vi must find their soulmate with their own *ikran*.

Jake : Learning to riding *ikran* we called 'banshees' is the test that we must pass as a young hunter (Avatar, 2009, min 10:05-10:09)

From the statement of Jake Sully above, it can be seen that Jake challenges himself to be brave. He learns to connect his spirit with the *ikran*, one of the animals in Pandora. He gets success and he finds his own *ikran*. All of the reasons of Jake Sully's betrayal shows Jake that there is the balance of nature in Pandora.

As Marx (1844, p.158) says that humans live in the nature, nature is as their body, people must keep the relationship with the nature if they do not want to die. As

physical and mental, humans are connected with nature, where human is a part of nature. Good relationship between humans and nature is important because they are completing each other.

3.2.2 Jake Sully's Betrayal Mission

Humans have important duties and responsibilities upon environment.

What will happen in the world in the future depend on humans behavior toward their environment. In the summary of Deep Ecology principles formulated by Naess and Sessions (1984), it is stated that the ideological change is mainly that of appreciating life quality rather than adhering to an increasingly higher standard of living. The world needs people like Jake Sully to change people's mind about nature. People must save the nature not kill the nature and it needs big efforts. The efforts to preserve Pandora are not easy. Jake gets so many pressures from Omatiyacaya because they think Jake is one of the military people who have negative purposes to them. Jake tries hard to makes sure the Omatiyacaya. He betrays the mission by refusing to do his duty. He sends a video recorder that show his arguments why he disagrees with the mission. The video recorder of Jake declare his refusal in doing this mission.

Jake (recorded): They're not going to give up their home. They're not gonna make a deal. For what? Lite beer and shopping channel? There's nothing we have that they want. We're a horror to them. We're the monsters from space. They're never going to leave Hometree. (Avatar, 2009, min 01:29:30)

The video recorder shows that he is aware of the wrong mission from military people. He knows that Omatiyacaya will never leave their home and let the military

people to seize the unobtainium. They have right to preserve their land from human's greed.

The statement of Jake Sully below shows clearly that he does not agree with military aggression's plans from people to Omaticaya. People become rude to get what they want. They should think about Omaticaya's feeling.

Jake : That's how it's done. When people are sitting on shit you want, you make them your enemy. Then you're justified in taking it. (Avatar, 2009, min 38:03-38:15)

From the statement above, it can be seen that Jake is angry to the military people because they do not respect the Omaticaya. They just want to take the unobtainium without thinking about the Omaticaya's feeling and rights to live in their land.

Then Jake Sully aware that he has a purpose to create peace in the world, not to destroy the world. This can be seen in Jake Sully's statement below.

Jake : I'm a warrior who dream to bring peace. (Avatar, 2009, 01:23:04-01:23:14)

From the statement of Jake Sully above, it can be seen that in his deepest heart he has a dream to creates a peacefulness. He wants to be an agent of environmental change, he does not want to continue the wrong mission from military people.

Seeing the destruction of nature in Pandora, people should be agents of environmental change like Rapoport (1969) says that man becomes an environmental change agent, not merely a recipient of environmental influences.

Figure 3.18 and 3.19 below show the direct action from Jake when the machines damage the trees



Figure 3.18 Jake asks them to stop the tractor (Avatar, 2009, min 01:22:57)



Figure 3.19 Jake hits the camera of the tractor (Avatar, 2009, min 01:23:10)

Figure 3.18 and 3.19 happen in the first aggression when his avatar body oversleep in Pandora then the destroying machine comes and destroy the trees.

Jake tries to go back to his avatar body and preventing the destroying machine.

For the beginning, he shouts from his place and raise his hand to give a sign to the operator to stop the machine but the assistant of head military asks the operator to

continue the process of destroying. Finally, Jake runs to the top of destroying

machine and hit the machine's camera with a big stone and the machine lost the

direction. The gunners shut Jake and Jake runs to save himself and Neytiri. In the

final of the first aggression, there is forest fire which causes the plants dead.

As reflected in the Avatar movie, in the real world people must be agent of change to create the better world. As the real action, people can stop throwing the rubbish not in a right place, plant the trees, minimalize the use of spray, conserve the animals and plants, and another important thing is not taking the natural wealth excessively.

Military people do not want to stop the aggression over Pandora and they attack Pandora from any side to get the unobtainium. In his last time, Jake Sully tries to preserve Pandora by defends Pandora from military aggression. Before starts the war, he prays to Eywa, the god of Omaticaya. He asks for a victory because he just wants to protect Pandora and the living things inside.



Figure 3.20 Jake prays to Eywa (Avatar, 2009, min 02:03:52)

Figure 3.20 shows that Jake prays to Eywa, he tries to believe that Eywa is Omaticaya's god and Eywa has a power to help him in the battle.

Jake : Probably i just talking to the tree right now, but if you there i need you to give a way. If Grace with you, look into her memories. See the world we come from. There is no green there, they kill their mother and they will do the same thing here, most sky people they will come. They come like a rain that never ends. Except we stop them. Look, you choose me for something. I will stand of them and fight. You know i will. But i need a little help here. (Avatar, 2009, min 02:03:52-02:04:55)

From the statement above, it can be seen that Jake really loves nature, he does not want military people kill the nature. He asks some help from Eywa, the god of Omaticaya, a tree. He appreciates the existence of nature because he believes, that tree also has a soul. As Biocentrism Ethics in Sholihah (2013) emphasizes the ability or the importance of life. The importance of life becomes a moral standard, so not only humans and animals, but all the living creatures should be appreciated

In the middle of the battle, almost all of the Omaticaya are defeated by military people. Suddenly, there are so many *ikran* and the other animals come to help Jake to attack the military people. This can be seen in figure 3.21.



**Figure 3.21 The *Ikrans* come to help Jake against military aggression
(Avatar, 2009, min 02:20:00)**

Figure 3.21 shows that there are many *ikran* come to help Jake. Neytiri said to Jake that Eywa heard his prayer. Here, it can be proved that nature have strong power to act upon human. There is a mutual and dual impact between man and his environment, not only does the environment act upon men, but man acts on environments, in a true ecological sense. The battle continued and all of the animals on Pandora attack all of the military people.

Finally Jake can be safe from the death, he at last wins the battle. His efforts to save Pandora gain success. Jake has fought to save the nature, and

because of his success in a battle. Jake Sully is chosen to be one of Avatars forever.

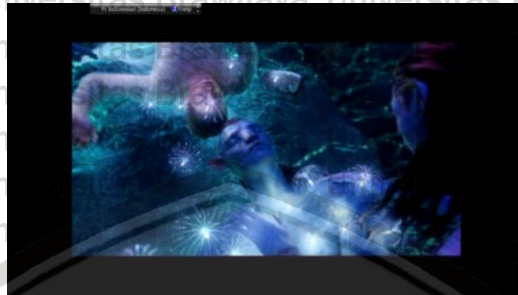


Figure 3.22 Jake Sully becomes Avatar forever (Avatar, 2009, 02:28:50)

Figure 3.22 explains that Jake is chosen to be an Avatar forever, he realizes that taking care of the nature is important because nature is one of the essential things.



Figure 3.23 Jake wins the battle and military people go back (Avatar, 2009, min 02:26:49)

From Figure 3.23 can be seen that people go back to their real world without bringing the unobtainium, Jake Sully becomes one of the Na'vi.

Jake Sully's action as an agent of change to save Pandora is reflected from his direct action and his bravery against people's negative action in destroying the nature. Jake Sully also changes people's wrong mindset about nature. Usually people become agents of natural destruction, but Jake Sully's action in preserving nature can remind people to preserve the nature.

CHAPTER IV

CONCLUSIONS AND SUGGESTIONS

This chapter presents the conclusion of the research, which are based on the findings and discussion in the previous chapter. This chapter also presents the suggestion for the further research.

4.1 Conclusions

The analysis on *Avatar* movie in the previous chapter proves that the destruction of Pandora happens because of humans' greed to take the unobtainium, one of the natural wealth. Humans who usually damage the nature to get their purposes are represented by military people who do some military aggression over Pandora. People do not think about the negative impacts because of their action. The beauty of Pandora is destroyed by military people who do not have responsibility to preserve the nature. They attack beautiful Pandora and it causes many effects such as forest fire, the death of hometree, and the death of Na'vi.

Jake Sully as the main character in movie does some efforts to preserve Pandora from military people because of his awareness of the beauty of Pandora and its harmonious life. Pandora offers the beautiful nature and the harmonism of nature. Jake decides to betray the mission by stopping the destroying machines and leading the war.

This can be inferred that people can do some efforts to preserve the nature when they aware about the importance of taking care the beauty of nature and the harmonism of nature.

4.2 Suggestions

This study uses ecocriticism perspective in analyzing Jake Sully's efforts in preserving nature. The writer realizes that this research still needs a lot of elaboration. The writer suggests that the further studies can analyze this movie through another perspective which will enrich this research in using this movie.

This movie can be analyzed by using other point of view and also uses other theory and connect it with semiotic to analyze the signs in *Avatar* movie. The writer expects the next study will come up with more subtle result or findings by applying that perspective.

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Appendix 1. Berita Acara Bimbingan Skripsi

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6. Tanggal Selesai Revisi : 20 Agustus 2013
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No	Tanggal	Materi	Pembimbing	Paraf
1	18 Februari 2013	Persetujuan judul skripsi	Pembimbing I	
2	21 Februari 2013	Pengajuan Bab I	Pembimbing I	
3	26 Februari 2013	Pengajuan Bab II	Pembimbing I	
4	1 Maret 2013	Konsultasi Bab I	Pembimbing I	
5	4 Maret 2013	Revisi Bab I	Pembimbing I	
6	5 Maret 2013	Konsultasi Bab I, II	Pembimbing I	
7	13 Maret 2013	Revisi Bab I, II	Pembimbing I	
8	15 Maret 2013	Konsultasi Bab I,II	Pembimbing II	
9	19 Maret 2013	Revisi Bab I	Pembimbing II	
10	22 Maret 2013	Konsultasi Bab I, II, dan III	Pembimbing II	
11	29 Maret	Revisi Bab I, II	Pembimbing II	
12	5 Mei 2013	ACC Seminar Proposal	Pembimbing I	
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14	8 Mei 2013	Revisi setelah Seminar Proposal	Pembimbing I	

15	12 Mei 2013	Konsultasi Bab I, II	Pembimbing I
16	16 Mei 2013	Revisi Bab I, II	Pembimbing I

Lanjutan Tabel

No	Tanggal	Materi	Pembimbing	Paraf
17	20 Mei 2013	Konsultasi Bab I, II	Pembimbing II	
18	21 Mei 2013	Pengajuan Bab III, IV	Pembimbing I	
19	24 Mei 2013	Revisi Bab III, IV	Pembimbing I	
20	27 Mei 2013	Konsultasi Bab III, IV	Pembimbing I	
21	30 Mei 2013	Revisi Bab III, IV	Pembimbing I	
22	3 Juni 2013	Konsultasi Bab III, IV	Pembimbing I	
23	8 Juni 2013	Revisi Bab III, IV	Pembimbing I	
24	12 Juni 2013	Pengajuan Bab III, IV	Pembimbing II	
25	16 Juni 2013	Revisi Bab III, IV	Pembimbing II	
26	19 Juni 2013	Konsultasi Bab III, IV	Pembimbing II	
27	21 Juni 2013	Revisi Bab III, IV	Pembimbing II	
28	25 Juni 2013	Konsultasi Bab III, IV	Pembimbing II	
29	27 Juni 2013	Revisi Bab III, IV	Pembimbing II	
30	1 Juli 2013	Konsultasi Bab III, IV	Pembimbing II	
31	5 Juli 2013	ACC Seminar Hasil	Pembimbing I	
32	5 Juli 2013	ACC Seminar Hasil	Pembimbing II	
33	15 Juli 2013	Revisi Seminar Hasil	Pembimbing I	
34	19 Juli 2013	Revisi Seminar Hasil	Pembimbing I	
35				
36				
37				
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