The Implementation of Islamic Concepts to Create a Green Environment

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Abstract. Love for the environment must be instilled in students. It has a good impact on the teaching and learning process. Students will be more comfortable in the school. Islam has taught about cleanliness and love for the environment. In primary school of Sumberagung 01, students do not realize that protecting the environment is very important. There are many of garbage scattered, bare garden, messy parking lot and students lack discipline. This research conducted on fourth grade students of primary school of Sumberagung 01. It aims to improved discipline and cleanliness in maintained and created a Green Environment by applying the Islamic concepts. The research method used a descriptive qualitative method. The results of this study indicated that students can apply the Islamic concepts in creating a Green Environment. Students also proved that they awareness in keep the school health.

1. Introduction

In teaching and learning process one of the important things that must be planned first is the place or location. It means the students’ environment to conduct the learning processes. Referring to the law of the Republic of Indonesia regarding the national education system No. 20 of 2003 which explains that education is a conscious and planned effort to create an atmosphere of learning and the learning process so that students actively develop their potential to have religious spiritual strength, self-control, personality, intelligence, noble character, and skills needed by him, society, nation and state [1].

Students will feel comfortable in following the teaching and learning process in class, if the learning atmosphere is supportive. A beautiful, clean and tidy learning environment is the dream of all learning institutions. It means that teachers and students should have big efforts which planning to create a comfortable of learning processes. As stated in government regulation No. 32 year 2009 concerning the protection and management of the environment explains that: The environment is a spatial unit with all objects, forces, conditions and living things, including humans and their behavior, which affect nature itself, the continuity of life, and the welfare of humans and other living creatures. Concerning for the environment that is reflected in the implementation of the creation of a Green Environment will have a positive impact on students and the school environment [2].

Some problems faced by the researcher when conducting this study. First, The students of primary school Sumberagung 01 2019/2020 academic year on fourth grade students have a lack of awareness on protecting the environment. They do not realize that protecting the environment is very important. There are many of garbage scattered, bare garden and messy parking lot. Students went to school by foot and
bicycle. Sometimes, their parents picked them up to school. Even though this school had a parking lot, but they took the bicycles carelessly. School as an educational institution and also a place of education for humans were a major target to be involved in environmental management efforts through implementation in applying environmental friendly concepts to educational facilities [3]. In creating a green environment in this primary school, this school has provided a trash in front of class from the lowest class to the highest. But, they still littering anyway. Another case was the garden which in front of the class. The garden only has a hibiscus plant. This phenomenon must be followed up immediately. Some movements that include green living include saving energy, handling waste, saving water, using transportation facilities, and education (The USAID’s priority 2015). The concept of green living needs to be given to students as a provision of knowledge so that they can be friendly and care for the environment [4]. In education, students are required to be creative, confident, and critical [5].

Second, students lack of discipline. The students do not have a sense of responsibility in carrying out their obligations to keep the class clean. This made the class dirty and there were frequent quarrels with colleagues. In essence, religious education is fostering the foundation of the nation's morals. Materialization of life society that adheres to morality cannot be separated from education religion. Because, the morality comes from religious values and religious norms [6]. It can be concluded that religion is an important reference in education, social life, nation and state. Munisah in her research explained that in realizing Green Environment in schools there are various parties are needed to support the realization of a change. The involvement of educational institutions is to become a pioneer in maintaining, preserving, and even developing the environment into a green, clean, beautiful, fertile, productive and efficient environment. It is as an evidence of the school’s concern for the environment [7]. School equipped the facilities for students. It required the students need of schools activities. It is as a media in developing students’ creativity, knowledge, developing behavior patterns and attitudes that are very useful in order to meet the needs of human life [8]. In actualizing Islamic concept to create a green environment in school, all of schools parties must be involved. Green living comes as a solution but is often understood not in accordance with the concept. It can serve as a solution in an effort to improve the attitude of environmental care [4]. In teaching and learning process, it is not only the classroom that needs attention. The environment outside of the school should also be clean and healthy. A comfortable school environment makes students happier at school and they will not be bored with situations and conditions either outside or inside the classroom.

The application of the Islamic concept in maintaining a green environment needs to be prioritized in schools. Based on the Al-Quran and hadiths, Islam teaches us to keep the cleanliness environment. Allah SWT said in the Al-Quran surah Maryam verse 13 which means:

"And deep compassion from our side and holiness (and sin), and he is a godly man" [9]

The meaning of this verse implies that as God's creatures we must love others in order to be free from sin. So, we are called as godly creatures. Rasulullah Sallallahu 'Alaihi Wasalam also said:

"Allah is beautiful and loves beauty" [9]

Allah has explained with the above verse that maintaining cleanliness is very important. As humans we must also keep our hearts and the environment clean. In this law there is a value of cleanliness. Therefore, the theory and practice of protecting the environment based on Islamic concepts must be applied in schools.

As an educational institution, schools are obliged to shape the character of their students. Integrating the curriculum and its implementation in the learning process requires trained and qualified teachers to do so. For this reason, cooperation with universities is one of solution [10]. This opinion leads to the idea that character building of students need to involvement from related parties. So, the implementation of the curriculum can be applied properly. Islamic education which is an integral part of education general has a sufficient share significant in instilling the value of love environment. By reason of the basic education in Islam is Al-Quran. The link between Islam and environmental sustainability are very
closely as a force of morality or spirituality. It is cannot inseparable from education [11]. Therefore, education in the concept of Islam is guided by the Hadith and the Qur’an.

In realizing a green environment, a healthy living habit is needed, the involvement of all school members, and school activities that are in accordance with the school's vision or mission. The successful habituation of healthy living as an implementation of environmental education requires careful planning by including financing and involving school children [12]. This means that to create a green environment in schools requires a strong effort and support from all parties. And everything that is done becomes harmonious and balanced. That is why this research with the title The Implementation of Islamic Concepts to Create a Green Environment at Primary School of Sumberagung 01 must be conducted.

2. Methods
This study used a descriptive qualitative method. It was conducted on fourth grade students at primary school Sumberagung 01. Based on the opinion from Moleong who argued that there are several terms used in qualitative research, namely naturalistic or natural inquiry or research. It used observation and interview with depth investigations. Suharsimi Arikunto explained that qualitative research was called “naturalistic qualitative”. The term of “naturalistic” indicates that the conduct of this study is occur naturally, it is a normal situation that can not be manipulate in circumstances and conditions, emphasize the outline naturally [13]. Based on those opinions this research included in the type of descriptive research. This type of research was chosen to describe the Islamic concepts in creating a Green Environment at primary school Sumberagung 01 [14].

3. Results and Discussion
3.1 Students’ Activities in Primary School Sumberagung 01
In implementing the Islamic concept in the school’s environment on fourth grade students at primary school Sumberagung 01, there were the roles that should be conducted based on Al-qur’an and hadits, hadits, which include the following:

a) Students are taught to carry out the daily class pickets in an orderly manner. The picket list posted on the back wall of the classroom. There were fines that must be done by the students if they did not carry out daily pickets. The fine is that students have to clean the teacher's room after school. Students are required to bring one type of flower from their home to be planted in the garden in front of the class.

b) Students were directed by the class teacher to pay the class cash contributions. This cash money is used to buy class necessities. Such as buying: brooms, wall clocks, and the social funds for sick students.

c) Students taught to greet their teacher peers when they pass. By saying “Assalamualaikum”

d) Students in primary school of Sumberagung 01 had regular activities. Namely “Cleanness Friday” activities: a) students required to bring prayer equipment to carry out the Duha prayer at the school prayer room, b) students involved in cleaning the school’s environment, c) students had a morning exercises at seven o’clock in the school’s yard.

e) Students are taught to dispose of trash in its place.

All activities that implemented with the Islamic concept will make students at primary school of Sumberagung 01 get used to living healthy, keeping the school environment clean and healthy. These habitual activities would become an on-going routine for students.

3.2 The Roles of Principal and School Authorities
In implementing the Islamic concept to creating a Green Environment on fourth grade students at primary school Sumberagung 01, the school’s authorities and students must work together in keeping
the school environment clean and healthy. Students more emphasized to carry out activities that are
directly related to the school environment.

3.2.1 The role of the principal was very important to conducting the Islamic concepts in creating a
Green Environment. In primary school Sumberagung 01 some of the school programs that have
been carried out are as follows.

a. The role of the principal
As a leader in the school, the principal has a policy that directs students and school staff to be able to
realizing the Islamic concept to creating a Green Environment. The policy to create a green environment
must be realized with the support of the leadership group. The supports from the principal can be seen in
the community service activities which carried out routinely in the school environment every Friday.
Namely, “Cleanness Friday.” This routine activities revised the students’ attitudes. It also reflected the
students to behaved, be clean and loved the environment. Furthermore, in the fourth grade students at
primary school of Sumberagung 01 attached the school’s rules.
The school’s rules were: 1) Students required in attending the Flag Ceremony in every Monday, 2) Pray
before studying, follow the morning apple, 3) Wearing the complete school’s attributes, 4) Students
must arrive before teaching and learning activities begin, 5) Pray before studying, 6) Students must
dispose of the trash in its place, 7) Crossing tables and walls is prohibited, 8) Prohibited from leaving
the classroom without the permission of the teacher, 9) Students required in wearing the uniform according
to the day, 10) Students prohibited from eating and drinking in the classroom, 11) Students prohibited
from bringing cellular phones to school, 12) Students prohibited in wearing jewellery, 13) Students who
did not come to school in 3 days without information will have a visit to the student's house, 14) Students
prohibited from making noise, and 14) Students who violate the school discipline rules will be
sanctioned.

b. The Role of The Educators and Staff
The educators, staff and students were implemented and supporters in the implementation of Islamic
concept for creating a Green Environment had carried out the real activities which gave a positive
impact in the school’s environment. So, the cleanliness effort of the fourth-grade students at Primary
school Sumberagung 01 can be maintained properly, and the preservation of plants that have been
planted by students had a good survival. But also, all of school members obliged and must be
responsible for keeping the cleanliness school’s environment.

3.3 Implementation Green Environment on Islamic Concepts
Ki Hajar Dewantara explained that character as a moving of thought, feeling, and generating energy.
The environment is an attitude and action that always seeks to prevent the natural damage environment
around it and developing efforts to repair the natural damage that has occurred [15]. It proved that this
school had been conducted the roles of cleanness environment. It showed by the students’ activities in
keeping the cleanliness school’s environment. Some efforts which were made by the school have shown
good results. The changes in students’ behaviours of fourth grade students at primary school
Sumberagung 01 can be felt by all of school authorities. The concept of green living needs to be given to
students as a provision of knowledge so that they can be friendly and care for the environment [4].

The definition of environmental preservation contains two definitions:
a. What is preserved is the function of the environment itself. The environment can change due to
development, but the environmental function is still maintained right.
b. What is conserved is the environment itself. The environment must be preserved even though there is
development. [16]

Suwarno explained that “Education is to educate.” It means to improving morale and training the
intellectual. The students’ attitude and behavior reflected that they have been doing positive things in
implementing Islamic concept to save the school’s environment [17]. In maintaining cleanliness
environment is a form of obligation from Allah S.W.T. It is only done by pious people. One of the greatest blessings that Allah bestows upon humans, as the hadiths:

"There are two blessings that humans often neglect (loss) in, namely health and leisure (opportunity)" (Narrated by Al-Bukhari and Ahmad) [18].

Another Hadiths said that "Cleanness is a part of faith." (Narated by Al-Tirmidhi) [18]. Therefore, the religious values instilled in protecting the school environment can be used as a form of faith. The implementation of Islamic concepts to create a green environment at Primary school Sumberagung 01 can be categorized as an effort to educate students by prioritizing the religious values.

Allah has said in Surat Ar - Rum verses 41-42:

"It has been seen that the damage in land and sea was caused by human actions, so that Allah felt for them some of the (result) of their actions, so that they will return (to the right path). Say: Take a journey to the earth and showed how the earlier people did. Most of them are people who associate to Allah" [19]

This verse explained that as a human being we must protect the environment. Environmental damage is the act of humankind itself, therefore this verse of the Al-quran serves as a guide for all of us in order to protect, conserve and cultivate the environment. Some of literatures review as follow:

In the research title “Project-Based Learning Design For Internalization of Environmental Literacy With Islamic Value” aims to produced teaching and learning design to develop environmental literacy among students through project-based learning to internalize the Islamic values. The program was developed through research and development design with three phases: a preliminary study, development program, and feasibility studies. This research produced three characteristics of the teaching and learning programs i.e.: (a) Developing environmental literacy of students based on Islamic values by using project-based teaching and learning; b) Developing the main themes of ‘Green Living’ of which is divided into four sub-themes: ‘Save our water,’ ‘Save our Soil,’ ‘Use Eco-friendly Products’ and ‘Waste for Life’; c) Facilitating students to conduct learning activities, in order to develop scientific skills and environmental literacy. The design model was validated by experts’ judgment. It is suggested that the theme be broadened to include other relevant themes with environmental issues. The study recommended to be followed up with testing and implementation by integrating the themes in other relevant subjects [20].

Another researcher with the title “The Concept of Sustainability f rom The Islamic Perspectives” talked that muslims are religiously entrusted to prosper the earth via performing their obligations as khalifah (vicegerent). Indeed their performance will be queried in the Day of Resurrection. Since the 80s when the concept of ‘sustainability’ was first introduced, this term had been persistently centred on the context of renewable resources and ecological capabilities to support human life. At this juncture, it is worth considering shifting the paradigm to include the Islamic point of view especially pertaining to the built environment professions. Thus, this paper is reviewing the present concept of sustainability including the positioning of its three pillars namely environment, social and economy from the Islamic perspectives [21].

Last, researcher explained in his research title “Implementation of Green Campus-Based Curriculum Model at Islamic Universities in Indonesia” aimed to investigate the implementation of green campus-based curriculum model at Islamic universities in Indonesia. In depth interview was conducted to the top leader of universities in order to confirm the application of green campus-based curriculum especially on vision and mission. A set of interviews was also questioned to lecturers to obtain important information regarding with the employment of the model of curriculum related to environmental health they used in classrooms. In addition, supporting data about students from lecturers’ information was also occupied to enrich the data. As a result, the researcher found that all Islamic universities observed in this study imply
green campus or environmental aspect points in university’s vision and mission. Less than 100% of lecturers are able to design learning materials related to environmental health as well as implementing it in classrooms. Less than 60% of students can produce environmental work arts as well as having problem solving skills toward surrounding environment. Above all, hose Islamic universities determine similar goals on green campus-based curriculum model i.e. to preserve the environment and aware of surrounding natural issues. At the end, a few suggestions were suggested to the top manager of the Islamic universities concerning with vital element regarding with lecturers’ competencies in developing environmental health learning design that should be noticed and increased [22].

4 Conclusion
Based on the results of the research and discussion as already the authors described in the previous chapter, so in this study the authors conclude that the Implementation of Islamic Concept to Create A Green Environment at Primary School Sumberagung 01 can be done through: a) the principal’s authorities, b) students’ activities in maintaining the cleanliness of the school environment based Islamic concept, c) good cooperation which carried out by all school parties. In conclusion, this research showed that students proved that they awareness in keep the school health.

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