Research Article

Application of Green Library Concept in Improving Librarian Performance

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Abstract.
The library is a very important part of the world of education, especially in the current era of society 5.0 which allows humans to use technology-based knowledge as a human need to be more effective (1). For this reason, libraries must also maintain their existence by keeping up with the technological developments that are growing rapidly. This research uses a literature review method related to green library. A green library is a place for storing information, which is comfortable and user-friendly. , The concept of green library applies more to sustainable development and minimizes pollution around the library such as air pollution, sound pollution, and other pollution that can interfere with activities in the library, and it is earth-friendly (2). , The existence of a comfortable and conducive room will be directly proportional to the effectiveness of librarian performance.

Keywords: green library, sustainable, earth friendly

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1. Introduction

The library at this time is not just a place to store books but also an infrastructure for information providers where library materials are stored and become a means that can support the learning process in schools or other institutions and in which it is functioned or used as a source or Information Center for the community around the library or even other users(3). As a place that is used as an Information Center and even used as a means to support the learning process, the library must provide comfortable services for users, both from adequate buildings and comfortable rooms.

Green library is a concept of sustainable library development. Here what is meant is the construction of a library with attention to aesthetics and prioritizing the use of the building and the room itself. Green library here not only about the existing greenery in the library or around the library building, but the word green interpreted as a utilization space or place as an addition to the aesthetics and beauty of the library building.

Green libraries can be seen as a distinct part of the larger green building movement. These libraries, often referred to as 'Sustainable Libraries,' are emerging worldwide,

driven by prominent initiatives that are making the concept more widely recognized. Due to their emphasis on humanitarian goals, their public and educational focus, and the fact that new library projects often involve active community participation and visibility, many individuals perceive libraries as having a special and unique role within the broader green building movement. In summary, a green library can be defined as a unique entity within the context of sustainable construction as "Environment Friendly Library" or a "Sustainable Library."(4)

Presence green library of course, it can help the library development process and make library architecture buildings more useful for the environment around the library and residents in the library. To create a green library it can start with simple things, starting from planting trees or green plants around the library, giving green plants in the corners of the library room and doing energy-saving behavior during activities in the library(5)

Many librarians and other information professionals are taking initiatives and actions to ensure that their workplaces will be a green place, environment or eco-friendly. However, this mainly depends on working with institutional initiatives or working out what needs to be done and by gaining institutional support for action plans. Basically, a green library is an essential as a component of the broader green building movement, green libraries, also known as sustainable libraries, are experiencing global construction initiatives. Numerous prominent projects are elevating the awareness and adoption of this concept mainstream(6).

The presence of ornamental plants in the corner of the room certainly has a positive impact on the room, one of which is to clean the air in the room and be able to create a comfortable atmosphere. The existence of a comfortable and clean atmosphere can certainly have an impact on increasing the productivity of the performance of employees in the work environment (librarians), not only that visitors (users) who come to the library will also feel comfortable.

2. Methods

In this study the author uses descriptive research methods which in this method is used to describe a problem or situation in detail and what it is like in reality(7). Then in this research used a qualitative approach, namely research methods based on conceptualization, categorization, and description of which it was developed based on the event obtained when the research took place.(8) Then to get more information, the researchers conducted a literature review by collecting several reading references

taken from relevant literature. This literature review is conducted by taking sources that are in accordance with the concept of this study, namely the application of the concept of Green Library in improving the performance of librarians.

3. Results and Discussion

The library is a place of civilization, information storage center, as well as a fun learning place for every visitor (user) who comes to the library. The existence of a building that is facilitated by the design of each comfortable room can certainly improve performance for librarians and users. Currently there is a concept of library development with the concept green library, for which this concept is more environmentally friendly. The concept green library namely:

Green Library

Green library is a concept that has emerged starting in 1990, then in 2003 this concept began to get more attention. However, until now there are still few who apply the concept green library. Given that the concept green library it pays more attention to contributing to the balance of nature by implementing environmentally friendly structures.Adela Alfisah, "Fasilitas Dan Layanan Pada Perpustakaan Berbasis Eco-Library," ResearchGate, no. October (2022).

Green library is a concept of sustainable library development, utilizing space, and more towards the aesthetic and greening library building with a natural environment(10). In this case green library not only pay attention to the outdoors but can be applied indoors, both by utilizing the corners of the room by giving green plants and so on(11).

In the opinion of international federation of library associations and intitutions saying that "A green and sustainable library is a library which takes into account social sustainability." That is a green library and sustainabled, which is a library pays attention to environmental sustainability around the library, in economic terms, and social terms.(12) From the above understanding, it can be concluded that the concept of green library is an environmentally friendly library development concept from materials, to spatial design, interior design and exterior design that pay attention to sustainability, social, and economic around the library.

Features of Green Library

Green library, often referred to as environmentall friendly or sustainable libraries, are distinguished by specific features and attributes that make them eco-conscious and environmentally responsible. These characteristics typically include:

1. Utilization of natural, recycled, and locally sourced materials.

2. Incorporation of reflective roofing and ground surfaces.

3. Implementation of energy-efficient windows, paper management and water systems.

4. Adoption of energy-efficient lighting to reduce energy consumption.

5. Installation of optimized cooling systems.

6. Thoughtful landscaping both within and around the library structure.

7. Promotion of fresh and healthy air circulation.

8. Integration of environmentally friendly technologies.(4)

In essence, green libraries are characterized by these sustainable practices and eco-friendly technologies that contribute to their overall environmental consciousness.

Green Library as Librarian Performance Improvement

Green Library movement is commonly known as the concept of a conscious movement towards the natural environment, in this case it includes all activities ranging from the use of light, water use, and regulating air circulation in the library(4).

When librarians start implementing sustainable practices, campaigning for their achievements, and interacting with users, they are just starting the journey towards aspects of sustainability that should already be an integral part of their libraries(13). Librarians should make informed and sensible choices when it comes to establishing environmentally friendly libraries, actively engaging in the green library movement(6). By fostering a wholesome work environment, which encompasses the ambiance of the workplace and interpersonal dynamics among colleagues, along with creating eco-friendly surroundings within the physical workspace, we can generate a positive atmosphere for individuals. Consequently, this positivity can lead to inner harmony, balanced thinking, and increased productivity in our professional endeavors, ultimately resulting in optimal outcomes(2).

In accordance with the concept built, the concept of a green library movement, or rather leads to sustainable development. There are several things that green library does, including:

1. Planting shady trees around the library, in the library environment can be planted with drought-resistant trees that save water. In addition, the presence of green and cool trees can provide beauty to the environment itself.

2. Utilizing space or corner of an empty room so that it can be filled with ornamental plants. The existence of ornamental plants in the library area or every empty corner certainly provides a positive energy for the people in it, especially librarians and users.

3. Good air circulation and in accordance with the needs of space. Good air circulation here is certainly influenced by the existing ventilation and windows in the library. In addition, the presence of fans and air conditioning can certainly affect the air. Sufficient air is of course very important in the library that is with the air circulation can certainly reduce the presence of dust in the library so that the environment becomes cleaner.

4. Good light, in a room the presence of good light is certainly needed. In the green library, of course, pay attention to the use of good light, namely by saving power, which the library can utilize sunlight through existing Windows, then replace garden lights with energy-saving lamps.(14)

Green libraries enhance the environment by creating a cool, fresh, aesthetically pleasing atmosphere, which in turn makes learning and work activities more comfortable and fosters enthusiasm(2). From some of the things above, of course, it can be concluded that the green library can have a positive impact on the room and the surrounding environment, namely with a beautiful working environment, clean, and comfortable air can create positive energy so that it can improve the performance of librarians and also add energy to the spirit of learning for users who come.

4. Conclusion

From the above exposure can be concluded that green library is a concept of Sustainable Development, which is a development concept that pays attention to the natural environment or environmentally friendly. Here what is meant by environmentally friendly is to include the use of environmentally friendly materials, using water savings, providing good air circulation to the room, and planting shady trees and drought resistance so that it saves water and can create beauty and coolness. Not only the trees outside the library, but with ornamental plants in the corner of the room can add beauty that creates positive energy. Thus, of course, the creation of a workspace and a comfortable working environment can affect the performance of librarians.

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