

Research Report
on Tree Canopy and Soil Moisture

Researcher

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Introduction to the

project on the percentage of canopy and soil moisture. In this issue, our group has studied in the forest area of Bueng Khong Long Witthayakhom School.

Have studied and researched from the internet and knowledgeable people We hope this research will be of benefit to those who are interested in studying it. And lastly, if the content information is wrong, our group apologizes here too.

Title: Tree Canopy and Soil Moisture

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Abstract

This research aimed to study canopy of trees affecting soil moisture. Experimental research methodology by targeting specific selection was at Bueng Khong Longwittayakom School. It has an area of 30 * 30 meters, where the research instrument is a densiometer. The statistics used for data analysis were analyzed by searching for percentage (percentage). 1. Soil moisture affects the growth of plants and trees. 2. If the top of the tree is very high, the soil moisture is very high. In conclusion, the study of canopy and soil moisture can be used to educate the for

Chapter 1 Introduction

Background and Significance

Soil moisture is the amount of water in the soil, or the water vapor in the soil is very important for plant growth and affects the plant's canopy and soil moisture is constantly changing, especially the season. The dry forest at Bueng Khong Long Wittayakom School is a scrubland condition with leaves falling on the ground all the time, with both big trees and mulch, and in the soil there is moisture. It had an effect on the canopy of trees in the area of Bueng Khong Longwittayakom School.

Objective

1. To study the canopy and soil moisture.

This research has hypothesized

1. If there is a large canopy, the soil moisture is very high.
2. Soil moisture affects the growth of plants and trees.

Research scope

Bueng Khong Longwitthayakhom School Forest area beside the garage

Population / sample

The population of this research was trees in Bueng Khong Longwittayakom School.

An example is a tree in the forest area beside the garage.

Expected benefits to

forest restoration and development at Bueng Khong Longwittayakom School.

Research question

1. How does soil moisture affect trees and plants?
2. How does a canopy affect soil moisture?

Chapter 2 Relevant documents and research

Canopy and soil moisture

Tree canopy refers to the branches that cover the forest floor.

Soil moisture refers to the amount of water in the soil or water vapor in the soil.

Forest refers to the forest area beside the garage.
Bueng Khong Longwittayakom School

Related research

Conducting research subject Plant canopy and soil moisture

found that soil moisture affected the growth of plants and trees.

Conducting research subject It was

found that if the top of the tree was abundant, the soil moisture would be higher.

Chapter 3 Research Methods

Canopy and soil moisture

Research plan

This research It is a quantitative research.

Objective: To study the canopy of trees and their effects on humidity.

Population / sample

The population of this research is An example of a tree in Bueng Khong Longwittayakom School is a tree in the forest area beside the garage.

Research instruments Densiometer

The process of creating a tool

1. Cut the pipe into a cylinder. 2. Hang the ring put on the rope. 3. Take the rope to hang the ring on the mouth of the pipe.

4. Keep the ring between the middle of the pipe.

Conducting research Conduct a survey

Data collection Collect tabular data

Used in data analysis

Statistics used in data analysis

Percentage is the most commonly used statistical value by comparing the frequency.

Or the desired amount with the frequency or the total number that is compared to 100 percent is calculated from the following formula,

where P is the percentage value

f is the frequency you want to convert to the percentage value

N percent is the total frequency.

The percentages represent the meaning of the value and the resulting value can be compared.

Statistics used to test hypothesis Set the percentage value (Percentage).

Chapter 5 Summary of results and recommendations

Concluding

canopy and soil moisture affects the growth of plants and canopy, and the soil moisture on each side is not the same. In 2021, if the peak has a high volume, the humidity will be large as well, while the study of the peak moisture content will also be small.

Suggestions

1. Suggestions from research

1.1 You should not come to measure the canopy at night because it might be dangerous.

2. Suggestions for the next research

2.1 Should contain the substance from primary to primary